# RSNA INDEX TO IMAGING LITERATURE

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### **Foreword**

The 1984–1986 cumulative index differs from those published in previous years in several important ways. Beginning in January 1986 we added 23 more radiologic journals, bringing the total number of journals in the cumulative index to 34. To keep the size of the volume within practical bounds, we are now publishing a 3-year cumulative index rather than a 5-year index. A list of all the journals in the index, along with the publishers' addresses, is provided on pp. iv-v.

All of the material in the most recent 12 volumes of *Radiology* and 3 volumes of *RadioGraphics* is covered in the index, including editorials, opinions, special reports, letters to the editor, book reviews, obituaries, and abstracts. The major papers from the other 32 journals are included.

Some new subject terms have been added, and others eliminated or combined, to provide a complete and useful selection of terms. For the convenience of users, we have supplied a list of all the subject terms in the index; this can be found on pp. 505–519.

Claudia J. Gorman, Index Editor Stanley S. Siegelman, M.D., Editor

# List of Journals Indexed

### Acta Radiologica Diagnosis

P.O. Box 7449 S-10391 Stockholm, Sweden

### Acta Radiologica Oncology

P.O. Box 7449 S-10391 Stockholm, Sweden

### American Journal of Neuroradiology

The Williams & Wilkins Co. 428 E. Preston Street Baltimore, MD 21202

### American Journal of Roentgenology

The Williams & Wilkins Co. 428 E. Preston Street Baltimore, MD 21202

### Australasian Radiology

Bloxham & Chambers Pty. Limited 1 Leeds Street Rhodes New South Wales 2138 Australia

### British Journal of Radiology

The British Institute of Radiology 36 Portland Place London W1N 3DG England

### Cardiovascular and Interventional Radiology

Springer-Verlag New York, Inc. 175 Fifth Avenue New York, NY 10010

### Clinical Nuclear Medicine

Editorial Department J.B. Lippincott Co. East Washington Square Philadelphia, PA 19105

#### Clinical Radiology

Managing Editor 36 Portland Place London W1N 3DG England

### Computerized Radiology

Pergamon Press Fairview Park Elmsford, NY 10523

## CT. The Journal of Computed Tomography

Elsevier Science Publishing Co., Inc. 52 Vanderbilt Avenue New York, NY 10017

### **European Journal of Radiology**

Thieme Inc. 381 Park Avenue South New York, NY 10016

### Gastrointestinal Radiology

Springer-Verlag New York, Inc. 175 Fifth Avenue New York, NY 10010

### International Journal of Radiation Oncology, Biology, Physics

Pergamon Press Maxwell House Fairview Park Elmsford, NY 10523

#### **Investigative Radiology**

2350 Virginia Avenue Hagerstown, MD 21740

### Journal of the Canadian Association of Radiologists

The Canadian Association of Radiologists Suite 506 1440 Ste. Catherine St. West Montreal, Quebec Canada H3G 1R8

### Journal of Clinical Ultrasound

John Wiley & Sons, Inc. 605 Third Avenue New York, NY 10158

### Journal of Computer Assisted Tomography

Raven Press, Publishers 1140 Avenue of the Americas New York, NY 10036

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Journal of Neuroradiology Masson 120 Boulevard Saint-Germain 75280 Paris Cedex 06 France

Journal of Nuclear Medicine The Society of Nuclear Medicine 136 Madison Avenue New York, NY 10016

Journal of Ultrasound in Medicine W.B. Saunders Co. West Washington Square Philadelphia, PA 19105

Magnetic Resonance Imaging Pergamon Journals, Inc. Fairview Park Elmsford, NY 10523

Magnetic Resonance in Medicine Academic Press, Inc. 1 East First Street Duluth, MN 55802

Neuroradiology Journal Production Department I Springer-Verlag Postfach 105280 D-6900 Heidelberg 1 Federal Republic of Germany

Pediatric Radiology
Journal Production Department I
Springer-Verlag
Postfach 105280
D-6900 Heidelberg 1
Federal Republic of Germany

RadioGraphics
The Radiological Society of
North America, Inc.
20th & Northampton Sts.
Easton, PA 18042

The Radiologic Clinics of North America W.B. Saunders Co. West Washington Square Philadelphia, PA 19105

Radiology
The Radiological Society of
North America, Inc.
20th & Northampton Sts.
Easton, PA 18042

Seminars in Nuclear Medicine Grune & Stratton, Inc. 6277 Sea Harbor Drive Orlando, FL 32821

Seminars in Roentgenology Grune & Stratton, Inc. 6277 Sea Harbor Drive Orlando, FL 32821

Seminars in Ultrasound, CT and MR
Grune & Stratton, Inc.
6277 Sea Harbor Drive
Orlando, FL 32821

Skeletal Radiology Journal Production Department I Postfach 105280 D-6900 Heidelberg 1 Federal Republic of Germany

Ultrasound in Medicine and Biology Pergamon Journals, Inc. Fairview Park Elmsford, NY 10523

Urologic Radiology Springer-Verlag New York, Inc. 175 Fifth Avenue New York, NY 10010 M

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Davis KR; Taveras JM: complications of intravenous DSA performed for carotid artery disease: a prospective study, (Radiology), 153: 675, 1984

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Aaronson Mj; Freed MM; Burakoff R; colonic myoelectric activity in persons with spinal cord

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Abayomi OK; Sadeghi-Nejad A: incidence of late
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Abdullah AF; Chambers RW; Daut DP: lumbar
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Ultrasound Med), 4: 381, 1985
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Wales, (Radiology), 159; 572, 1986
Abrams SL; Callen PW; Anderson RL; et al:
anencephaly with encephalocele in craniopagus
twins: prenatal diagnosis by ultrasonography
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4: 485, 1985
Abrams SL; Callen PW; Filly RA; umbilical wein

Abrams SI; Callen PW; Filly RA: umbilical vein thrombosis: sonographic detection in utero, (J Ultrasound Med), 4: 283, 1985

Abrams SL, Filly RA: congenital vertebral malformations: prenatal diagnosis using ultrasonography, (Radiology), 155: 762, 1985 Abrams SL, Filly RA: curvature of the fetal femurnormal sonographic finding, (Radiology), 156: 490, 1985

Abramson A; Chitkara U; Berkowitz RL: technique for mid-trimester termination pregnancies with severe oligohydramnios, (J Ultrasound Med), 4: 551, 1985 Abramson AL See Wenig BL Abramson AL; Zielenski B: congenital laryngeal saccular cyst of the newborn, (Radiology), 157: 572, 1985

572, 1985
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transient focal liver scan defects in children
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Abu-Nema T; Al-Suhaily A; Abdel-Dayem HM: hepatobiliary imaging after Whipple's operation, (Clin Nucl Med), 11: 572, 1986 AbuRahma AF; Lawton WE Jr; Osborne L: value of

AbuRahma AF; Lawton WE Jr; Osborne L: value of combined strain gauge plethysmography and radioactive iodine fibrinogen scan of the leg in the diagnosis of deep vein thrombosis, (Radiology, 151: 261, 1984
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Abu-Yousef MM: benign prostatic hyperplasia: tissue characterization using suprapubic ultrasound, (Radiology), 156: 169, 1985
Abu-Yousef MM: ultrasound of bladder tumors, (Semin US CT MR), 7: 275, 1986
Abu-Yousef MM; Narayana AS: prostatic carcinoma: detection and staging using suprapubic US, (Radiology), 156: 175, 1985
Abu-Yousef MM; Narayana AS; Brown RC: catheter-induced cystitis: evaluation by

Abu-Yousef MM; Narayana AS; Brown RC: catheter-induced cystifis: evaluation by cystosonography, (Radiology), 151: 471, 1984
Abu-Yousef MM; Narayana AS; Brown RC; Franken EA Jr: urinary bladder tumors studied by cystosonography, part II. staging, (Radiology), 153: 227, 1984
Abu-Yousef MM; Narayana AS; Franken EA Jr; Brown RC: urinary bladder tumors studied by cystosonography. part I: detection, (Radiology), 153: 223, 1984
Acharya U; Waite N; Howlett P; et al: failure to demonstrate altered gastric emptying in irritable bowel syndrome, (Radiology), 152: 270, 1984

1984
Acher CA See Cullenward MJ
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Acker R; Leonard JC: esthesioneuroblastoma
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Med), 11: 670, 1986

Med), 11: 670, 1986
Ackerman JL: See Thomas SR
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571, 1985

Acquatella H See Arreaza N Acquatella H; Schiller NB; Puigbo JJ; et al: value of Acquatella H; Schiller NB; Puigbo JJ; et al: value of two-dimensional echocardiography in endomyocardial disease with and without eosinophilia. a clinical and pathologic study, (Radiology), 151: 273, 1984 Ada See Littlejohn GO Adachi H See Nakano Y Adair ER; Berglund LG: on the thermoregulatory consequences of NMR imaging, (Magn Res Imag), 4: 321, 1986 Adam A; Gibson RN; Soreide O; et al: radiology of fibrolamellar hepatoma, (Clin Radiol), 37: 355, 1986

1986

Adam A; Hemingway AP; Allison DJ: iohexol and diatrizoate: comparison in visceral arteriography, (Radiology), 155: 529, 1985

Adam A; Rakhit G; Becton S; et al: extensive subcutaneous calcification following injections of pitressin tannate, (Radiology), 155: 849, 1985

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Adam P See Bec P

Adam F: Jabbe JL; Alberge Y; et al: role of computed tomography in the assessment and treatment of acetabular fractures, (Radiology), 156: 569, 1985

156: 569, 1985
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Radiol), 59: 205, 1986
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Adams HT Jr; Putnam SF; Kassell NF; et al:

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Adler CP: tumor-like lesions in the femur with cementum-like material. does a "cementoma long bone exist?, (Radiology), 157: 851, 1985

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Adler DD; Glazer GM; Silver TM: CT of liver infarction, (AJR), 142: 315, 1984

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Agha FP: Barrett carcinoma of the esophagus: clinical and radiographic analysis of 34 cases, (AJR), 145: 41, 1985

Agha FP: esophageal involvement in Zollinger Ellison syndrome, (AJR), 144: 721, 1985 Agha FP: esophagus after endoscopic injection sclerotherapy: acute and chronic changes, (Radiology), 153: 37, 1984

Agha FP: intussusception in adults, (AJR), 146: 527,

Agha FP: radiologic diagnosis of Barrett's esophagus: critical analysis of 65 cases, (Gastrointest Radiol), 11: 123, 1986

Agha FP: transmesocolic herniation of small bowel following colonic interposition, (Radiology), 158: 858, 1986

Agha FP; Eckhauser FE; Strodel WE; Fanders BL; Knol JA: Mason's vertical banded gastroplasty for morbid obesity. surgical procedure and radiographic evaluation, (Radiology), 150: 825,

1994
Agha FP, Keren DF: spindle-cell squamous carcinoma of the esophagus: tumor with biphasic morphology, (AJR), 145: 541, 1985
Agha FP, Lee HH: esophagus after endoscopic pneumatic balloon dilatation for achalasia, (AJR), 146: 25, 1986

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Agha FP, Lee HH; Boland CR; et al: mucormycoma
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Agha FP; Orringer MB: colonic interposition:
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Agha FP; Trenkner SW; Orringer MB; et al:
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Agha FP; Trenkner SW; Woolayer El; Hayes D;

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Agnew JE; Sutton PP; Pavia D; et al: radioaerosol
assessment of mucociliary clearance: towards
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Agnoli AL; Laura A; Schonmayr R: enterogenou intraspinal cysts, (Radiology), 157: 571, 1985

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Ahmadi J; Keane JR; McCormick GS; et al: ischemic chiasmal syndrome and hypopituitarism associated with progressive cerebrovascular occlusive disease, (AJNR), 5: 367, 1984

Ahmadi J; Keane JR; Segall HD; et al: CT observations pertinent to septic cavernous sinus thrombosis, (AJNR), 6: 755, 1985

Ahmadi J; Miller CA; Segall HD; et al: CT patterns in histopathologically complex cavernous hemangiomas, (AJNR), 6: 389, 1985 Ahmadi J; North CM; Segall HD; et al: cavernous sinus invasion by pituitary adenomas, (AJNR), 6: 893, 1985

6: 893, 1985
Ahmadpour H; Shah AA; Allen JW; et al: mitral E point septal separation: a reliable index of left ventricular performance in coronary artery disease, (Radiology), 151: 558, 1984
Ahmed I See Deacon JM

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Aisen AM; Gabrielsen TO; McCune WJ; MR imaging of systemic iupus erythematosus involving the brain, (AJNR), 6: 197, 1985

Aisen AM; Glazer GM; Carson PL; et al: motion artifacts in quantitative magnetic resonance imaging, (Magn Res Imag), 4: 207, 1986

Aisen AM; Gross BH; Glazer GM; et al: distribution of abdominal and pelvic Hodgkin disease: implications for CT scanning, (JCAT), 9: 463, 1985

Aisen AM; McCountil

1985
Aisen AM; McCune WJ; MacGuire A; Carson PL;
Silver TM; Jafri SZ; Martel W: sonographic
evaluation of the cartilage of the knee,
(Radiology), 153: 781, 1984
Aisen AM; Martel W; Braunstein EM; et al: MRI
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Aisen AM; Martel W; Gabrielsen TO; Glazer GM; Brewer G; Young AB; Hill G: Wilson disease of the brain: MR imaging, (Radiology), 157: 137, 1985

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Akamaguna Al; Odita JC; Ugbodaga CI; et al: tibial
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Al-Bahar R, Hayath V; Mohammed MM; et al: "tear
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Albelas SM; Kern Ja; Marinelli DL; Miller WT:
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caused by nontuberculous mycobacteria,
(Radiology), 157: 289, 1985
Albanes V See Adam P.

Alberge Y See Adam P
Alberius P; Selvik G; Ekelund L: roentgen stereophotogrammetric analysis of neurocranial suturectomy in rabbits, (Radiology), 152: 857, 1984

1984
Albers WH; Thompson RE: in utero diagnosis and management of fetal supraventricular achycardia, (Radiology), 150: 300, 1984
Albert A; Lee BCP; Saint-Louis Lyet al: MRI of optic chiasm and optic pathways, (AJNR), 7: 255, 1986
Albert C See Spranger J
Albert I L Jr See Poor MA

Alberti O Jr See Cayea PD
Alberti W; Greber H; John V; et al: radiotherapy of
hemangioma of the choroid, (Radiology), 153:
576, 1984

Alberts WM; Priest GR; Moser KM: outlook for survivors of ARDS, (Radiology), 151: 543, 1984 Albertsen PC See Brendler CB Albertson D See Glass TA

Albisinni U See Capanna R Albisinni U See Merlini L Albrechtsson U See Larsson E-M Albrektsson T See Jacobsson M Albright AL See Rothfus WE

Albright JF See El-Khoury GY
Albright JF See El-Khoury GY
Albright R See Velaj R
Albro P See Gould KL
Alcalay J; Alkalay L; Lorent T: myxoglobulosis of
the appendix, (Radiology), 157: 565, 1985
Alcebo LO See Richman TS

Alcock MK; Morris LL; LeQuesne GW; et al: imaging in neuroblastoma—12 year experience, (Australas Radiol), 30: 38, 1986

Alcorn FS; Turner DA; Clark JW; Charters JR; Petasnick JP; Shorey WD: magnetic resona imaging in the study of the breast, (Radiographics), 5: 631, 1985 Aldenhoff P See Wiedemann H-R

Alderson AM See Denham JW Alderson PO See Fawwaz RA Alderson PO See Nickoloff EL Alderson PO See Ramanna L Alderson PO See Romney BM Alderson PO See Rosen JM

Alderson PO See Rosen JM
Alderson PO See Smith R
Alderson PO; Biello DR; Gottschalk A; Hoffer PB;
Kroop SA; Lee ME; Ramanna L; Siegel BA;
Waxman AD: Tc-99m-DTPA aerosol and
radioactive gases compared as adjuncts to
perfusion scintigraphy in patients with
suspected pulmonary embolism, (Radiology),
153: 515, 1984
Alderson T See Phillips J
Alderson T See Phillips J

Aldrete JS See Han S Alegret X See Mata J Aleksic S See Schonfeld SM

Alemdaroglu A: os supra-petrosum of Meckel: CT appearance, (ICAT), 10: 164, 1986 Alessi G See Cavallaro A Alevizaki CC See Georgiou E

Alexander CB See Fraser RG

Alexander Us de Fraser no.

Alexander DL: clinical sonography: a practical guide. (Radiology), 153: 506, 1984.

Alexander IA; Thomson KR; Kune GA: primary common bile duct carcinoid demonstration by computerised tomography, ultrasonography and angiography. (Australas Radiol), 30: 34, 1986.

Alexander JE See Seibert JJ Alexander MC; Haaga JR: MR imaging of a choledochal cyst, (JCAT), 9: 357, 1985

Alexander MP See Freedman M Alexander R See Helfer RE Alexieva-Jackson B; Fetters DV; Cole RL; et al: gallbladder simulating renal fracture during technetium-99m glucoheptonate evaluation for renal trauma, (Clin Nucl Med), 11: 363, 1986

technetum-99m glucoheptonate evaluation to renal trauma, (Clin Nucl Med), 11: 363, 1986
Alfidi R J See Butler HE
Alfidi R J See Cammarata C
Alfidi R J See El Yousef 5J
Alfidi R J See Fletcher BD
Alfidi R J See Fletcher BD
Alfidi R J See Leopold GR
Alfidi R J See Martino CR
Alfidi R J See Martino CR
Alfidi R J See Martino CR
Alfidi R J See Sehultz CL
Alford BA See Berdon WE
Alford BA; Oshman DG; Sussman MD:
radiographic appearances following surgical
correction of the partially fused epiphyseal
plate, (Skeletal Radiol), 15: 146, 1986
Alford BR See Shoss SM

Alford BR See Shoss SM Alger JR See Stromski ME Ali A See Anees A Ali A See Salomon CG

Ali A See Salomon CG
Ali MM; Hazra TA: small-cell carcinoma of the
lung: patterns of treatment failure in patients
treated primarily by chemotherapy, (Radiology),
152: 527, 1984
Aliabadi P See Tumeh SS
Alison D See Menu Y
Alitalo I See Kivisaari L
Alkalay L See Alcalay J
Alken P See Riedmiller H
Alken P See Thuroff JW
Alker G See Kaczarek RG
Alker G See Rozerarek RG

Alken P See Thuroff JW
Alker G See Kaczmarek RG
Alker G: neuroradiology, the clinical neurosciences.
vol. 4, (Radiology), 157: 378, 1985
Al-Kutoubi See Aghiad M
Al-Kutoubi M2; Patel PR; Coulter C: laryngeal
involvement in uncontrolled Hodgkin's disease,
(Radiology), 157: 572, 1985
Allan BT See Day DL
Allan NK See Jaramillo D
Allen H2, Haney PJ: left ventricular outflow
obstruction and necrotizing enterocolitis,
(Radiology), 156: 401, 1984
Allen H3 III; Vick CW; Messmer JM; et al: diffuse
mesenteric amyloidosis: CT, sonographic, and
pathologic findings, (JCAT), 9: 196, 1985
Allen H4 III; Walsh JW; Brewer WH; et al:
sonography of emphysematous pyelonephritis,
(J Ultrasound Med), 2: 533, 1984
Allen H4 III; Walsh JW; Brewer WH; et al:
sonography of emphysematous pyelonephritis,
(Radiology), 156: 282, 1985
Allen H1 See Runge VM
Allen JW See Ahmadpour H
Allen K5; Siskind BN; Burrell MI: perforation of
distal esophagus with lesser sac extension: CT
demonstration, (JCAT), 10: 612, 1986
Allen H; Borody TJ; Bugliosi TF; et al: rapid

demonstration, (JCAT), 10: 612, 1986
Allen L See Maravilla KR
Allen MJ: Borody TJ; Bugliosi TF; et al: rapid
dissolution of gallstones by MTBE: preliminary
observations, (Radiology), 156: 266, 1985
Allen MJO See Barragry TF
Allen RF; Williams JF; Joslyn JN; et al: aneurysmal
rupture during computed tomography
scanning, (CT), 10: 93, 1986
Allen TE See Morettin LB
Alles LH: Schultz A: impunocytochemical markers.

Alles JU; Schultz A: immunocytochemical markers (endothelial and histiocytic) and ultrastructure of primary aneurysmal bone cysts, (Radiology), 161: 860, 1986

161: 860, 1986
Allgayer B See Hannig C
Allison DJ See Gibson RN
Allison DJ See Gibson RN
Allison DJ See Hennessy OF
Allison JR See Honisesy OF
Allison JR See Moinuddin M
Allman RM See Brower AC
Ally KM See Gilbert LA
Almass B See Fossa SD
Al-Mefty O; Fox JL: Reese MS: empty sella: airenhanced CT, (Radiology), 155: 253, 1985
Al-Mefty O; Holoubi A; Fox JL: value of
angiography in creebral nail-gun injuries,
(A)NR), 7: 164, 1986
Almen T See Maly P Almen T See Maly P Almeras M See Picard L

Almes C See Lamarque JL Al-Nahhas AM See Lavender JP Alonso DR See Devereux R3

Alonso DR See Devereux R8
Alonso JR See Lopez-Rasines GJ
Alpan G See Grenadier E
Alpan G; Eyal F; Vinograd I; et al: localized
intestinal perforations after enteral
administration of indomethacin in premature
infants, (Radiology), 156: 858, 1985
Alpern M See Lawson TL
Alpern MB See Sandler MA
Alpern MB; Lawson TL; Foley WD; Perlman SJ;
Reif LJ; Arevalos E; Rimm AA: focal hepatic
masses and fatty infiltration detected by
enhanced dynamic CT, (Radiology), 158: 45,
1986

Alpern MB; Sandler MA; Kellman GM; Madrazo BL: chronic pancreatitis: ultrasonic features, (Radiology), 155: 215, 1985 Alpern MB; Sandler MA; Madrazo BL: sonographic features of parovarian cysts and their complications, (AJR), 143: 157, 1984

Alpern MB; Thorsen MK; Kellman GM; et al: CT appearance of hemangiopericytoma, (JCAT), 10: 264, 1986

Alpers CE See Furuya Y Alpers CE See Hricak H

Alpers CE See Hricak H
Alperstein J See Scales FE
Alpert NM See Correia JA
Alpert S See Radin DR
Al-Sheikh W, Sfakianakis GN; Mnaymneh W;
Hourani M; Heal A; Duncan RC; Burnett A;
Ashkar FS; Serafini AN: subacute and chronic
bone infections: diagnosis using In-111, Ga-67
and Tc-99m MDP bone scintigraphy, and
radiography, (Radiology), 155: 501, 1985
Al-Sheikh WA See Nunez D Jr
Alspaugh JP See Chuang VP
Alspaugh JP See Cumsden AB
Alspaugh JP See Lumsden AB
Alspaugh JP See Martin LG
Alspaugh JP; Chuang VP; Martin LG; et al: dual-

Alspaugh JP; Chuang VP; Martin LG; et al: dual-balloon technique for nonoperative removal of retained biliary stones, (Cardiovasc Intervent Radiol), 9: 161, 1986

balloon technique for nonoperative removal of retained biliary stones, (Cardiovasc Intervent Radiol), 9: 161, 1986
Alspaugh IP; Martin LG; Chuang VP; Everting balloon catheter in the biliary tree: technical note, (Cardiovasc Intervent Radiol), 9: 164, 1986
Alston J See Williamson MR
Al-Suhaily A See Abu-Nema T
Alterm M See Kelly RE
Altman F See Wall SD
Altman DF See Wall SD
Altman DF See Wall SD
Altman DF See Wall SD
Altman N See Kohorst WR
Altman N See Kohorst WR
Altman N See Kohorst WR
Altman N; Fitz CR; Chuang S; et al: radiologic characteristics of primitive neuroectodermal tumors in children, (AJNR), 6: 15, 1985
Altman R; Harwood-Nash DC; Fitz CR; et al: evaluation of the infant spine by direct sagittal computed tomography, (AJNR), 6: 65, 1985
Altman NR; Altman DH; Sheldon JJ; et al: holoprosencephaly classified by computed tomography, (AJNR), 5: 433, 1984
Altman NR; Altman DH; Wolfe SA, et al: three-dimensional CT reformation in children, (AJNR), 7: 287, 1986
Altman RP See Berdon WE
Altman RP See Berdon WE
Alton D See Bruce R

Alvares RF See Gamble WH Alvares RF See Gamble WH Alvares F; Bernard O; Brunelle FOS; et al: portal obstruction in children. I. clinical investigation and hemorrhage risk, (Radiology), 152: 554,

and nemorrange risk, (kaulology), 1925-394, 1984
Alvarez O; Edwards JH; Hyman RA: MR recognition of internal carotid artery occlusion, (AJNR), 7: 359, 1986
Alvarez O; Hyman RA: even echo MR rephasing in the diagnosis of giant intracranial aneurysm, (JCAT), 10: 699, 1986
Alves MA See Uflacker R
Alves WAF See Cerri GG
Alyea K See Witherspoon L
Alzate GD; Coons HG; Elliott J; et al: percutaneous gastrostomy for jejunal feeding: new technique, (AJR), 147: 822, 1986
Amalric R See Kurtz JM
Amamoto Y See Matsunaga N
Amano K See Abe M
Amar SS See Hawkey CJ
Amaral NM See Uflacker R
Amat L See Lucaya J

Amaral NM See Uflacker R Amato D See Fernandes BJ Amato D See Fernandes BJ Amato M; Levitt RG: abdominal wall endometrioma: CT findings, (JCAT), 8: 1213, 1984

Amato M; Totty WG; Gilula LA: spondylolysis of the lumbar spine: demonstration of defects and laminal fragmentation, (Radiology), 153: 627, 1984

1984
Amberg JR See Chernin MM
Amberg JR See Danielson K
Ambler R; Gruenewald S; John E: ultrasound
monitoring of diaphragm activity in bilateral
diaphragmatic paralysis, (Radiology), 157: 570,

1985
Ambriz R; Munoz R; Quintanar E; Sigler L;
Aviles A; Pizzuto J: accessory spleen
compromising response to splenectomy for
idiopathic thrombocytopenic purpura,
(Radiology), 155: 793, 1985
Ambrose J See Doczi T
Ambrose J See Doczi T
Ambrose JA; King BD; Teichholz LE; et al: early
diastolic motion of the posterior aortic root as an
index of left ventricular filling, (Radiology),
152: 263, 1984

Ambrosino MM; Genieser NB; Bangaru BS; et al: syndrome of achalasia of the esophagus, ACTH insensitivity and alacrima, (Pediatr Radiol), 16: 328, 1986 Amend W See Hoddick WK

Amend W See Hoddick WK
Amendola BE See Amendola MA
Amendola BE; Amendola MA; Oliver E;
McClatchey KD: chordoma: role of radiation
therapy, (Radiology), 158: 839, 1986
Amendola MA See Amendola BE
Amendola MA See Farncis IR
Amendola MA See Jarncis IR
Amendola MA See Jarif SZH
Amendola MA See Jarif SZH
Amendola MA; Agha FP; Dent TL; et al: detection
of occult colovesical fistula by the Bourne test,
(AJR), 142: 715, 1984
Amendola MA; Blane CE; Amendola BE; et al: CT
findings in hepatoblastoma, (JCAT), 8: 1105,
1984

1984

Amendola MA; Glazer GM; Grossman HB; et al:
staging of bladder carcinoma: MRI-CT-surgical
correlation. (AJR). 146: 1179, 1986

Ament AE; Bick RJ; Miraldi FD; Haaga JR;
Wiedenmann SD: sclerosing cholangitis:
cholescintigraphy with Tc-99m-labeled DISIDA,
(Radiology, 151: 197, 1984

Amenta A See Iskandrian AS

Amerson JR See Bernardino ME

Amery AK See Wilms GE

Ames MD; Kaczmarski CJ; Sahar DI; et al:
pericardiophrenic hernia secondary to a

pericardiophrenic hernia secondary to a surgically created peritoneal and pericardial window, (Radiology), 160: 857, 1986 Ames TE See Prasad SC

Ames 1E See Prasad SC
Amico S; Lucas P; Diebold MD; et al: metastatic
calcification in the thyroid gland demonstrated
on bone scan in a patient with primary
hyperparathyroidism, (J Nucl Med), 27: 373,
1986

1986 Amin R: complete regression of pulmonary metastases from malignant melanoma of the vulva following therapy with tamoxifen, (Br J Radiol), 59: 171, 1986

Amin R: endobronchial metastasis from malignant Schwannoma, (Radiology), 154: 553, 1985 Amin R: regression of osteoblastic metastases from carcinoma of the prostate following therapy with tamoxifen, (Br J Radiol), 59: 703, 1986 Amis ES Jr See Cronan JJ

Amis ES Jr See Cronan JJ
Amis ES Jr See Newhouse JH
Amis ES Jr See Newhouse JH
Amis ES Jr See Saksouk F
Amis ES Jr See White JM
Amis ES Jr, Hartman DS: renal ultrasonography
1984: a practical overview, (Radiol Clin North
Am). 22: 315, 1984
Ammann W See Jeanty P
Ammann W Chie REV, Weight JM, whenter

Ammann W See Janty P
Ammann W; Chiu BKY; Wright JM: subacute
splenic abscess: appearance on indium-111
leukocyte, gallium-67, and technetium-99m
sulfur colloid imaging, (Clin Nucl Med), 11: 165,

Ammann W; Kassen BO: diffuse abdominal gallium uptake, (Semin Nucl Med), 16: 214, 1986

Amodio JB; Abramson SJ; Berdon WE: primary pulmonary tuberculosis in infancy: resurgent disease in the urban United States, (Pediatr Radiol), 16: 185, 1986 Amodio JB; Berdon WE; Abramson SJ; et al:

microcolon of prematurity: form of functional obstruction, (AJR), 146: 239, 1986 Amodio JB; Berdon WE; Abramson SJ; et al:

Amodio JB; Berdon WE; Abramson SJ; et al:
retrocardiac pneumomediastinum in association
with tracheal and esophageal perforations,
(Pediatr Radiol), 16: 380, 1986

Amoore JN See Capper WL
Amormarin R See Prempree T
Amorosa JK; Weintraub S; Amorosa LF; et al: sacral
destruction: foraminal lines revisited, (AJR),
145: 773, 1985

Amorosa JE See Amorosa JK

Amorosa LF See Amorosa JK Amoroso P See Giorgio A Amortegui A See Dominguez R Amparo EG See Farmer DW Amparo EG See Fisher MR Amparo EG See Hayden CK Jr Amparo EG See Hricak H Amparo EG See Jorizzo JR Amparo EG See Justich E

Amparo EG See Justich E
Amparo EG See McArdle CB
Amparo EG See Wall SD
Amparo EG See Wall SD
Amparo EG, Higgins CB, Farmer DW; et al: gated
MRI of cardiac and paracardiac masses: initial
experience, (AJR), 143: 1151, 1984
Amparo EG; Higgins CB; Hoddick WK; et al:

Amparo EG; Higgins CB; Hoddick WK; et al:
magnetic resonance imaging of aortic disease:
preliminary results, (AJR), 143: 1203, 1984
Amparo EG; Higgins CB; Hricais H: primary
diagnosis of abdominal arteriovenous fistula by
MR imaging, (JCAT), 8: 1140, 1984
Amparo EG; Higgins CB; Hricak H; Sollitto R:
aortic dissection: magnetic resonance imaging,
(Radiology), 155: 399, 1985

Amparo EG; Higgins CB; Shafton EP: demonstration of coarctation of the aorta by magnetic resonance imaging, (AJR), 143: 1192, 1984

magnetic resonance imaging, (A)R, 143: 1192, 1984
Amparo EG; Hoddick WK; Hricak H; Sollitto R; Justich E; Filly RA; Higgins CB: comparison of magnetic resonance imaging and ultrasonography in the evaluation of abdominal aortic aneurysms, (Radiology), 154: 451, 1985
Amplatz K See Butto F
Amplatz K See Cardella JF
Amplatz K See Coleman CC
Amplatz K See Corags AH
Amplatz K See DrSouza VJ
Amplatz K See DrSouza VJ
Amplatz K See Gomes AS
Amplatz K See Hunter DW
Amplatz K See Lund G
Amplatz K See Lund G
Amplatz K See Mercado S

Amplatz K See Lund G Amplatz K See Mercado S Amplatz K See Salomonowitz E Amplatz K See Schenider JR Amplatz K See Smith TP Amplatz K See Tadavarthy SM Amplatz K See Young AT Amplatz K See Young AT

Amplatz K See Zollikofer CL
Amr SS See Toukan AU
Amr SS See Toukan AU
Amundsen P; Dugstad G; Presthus J; et al: cerebral
angiography with iohexol. a multicentre clinical
trial, (Radiology). 150: 862, 1984
Amundsen TR; Siegel MJ; Siegel BA: osteomyelitis
and infarction in sickle cell
hemoglobinopathies: differentiation by
combined technetium and gallium scintigraphy,
(Radiology), 153: 807, 1984
Amundson GM See Hummel RH
Amundson GM See Mueller DL
Amundson GM See Wueller DL
Amundson GM See Wesenberg RL

Amundson GM See Mueller DL
Amundson GM See Wesenberg RL
Amundson GM, Wesenberg RL, Mueller DL;
Reid RH: pediatric digital subtraction
angiography, (Radiology), 153: 649, 1984
Amyot R See Chalaoui J
Anacker H; Rupp N; Reiser M: magnetic resonance
(MR) in the diagnosis of pancreatic disease,
(Radiology), 158: 286, 1986
Anand J See Auh T
Anda S; Roysland P; Fougner R; et al: CT
appearance of the diaphragm varying with
respiratory phase and muscular tension, (JCAT),
10: 744, 1986
Increase W See Fisher MR

dereck W See Fisher MR Anderegg LA: Sonographic diagnosis of kidney malformations, (Radiology), 152: 267, 1984 Andersen AH See Lauidsen KN

Andersen BL See Vujic I Andersen BL See Young JWR

Andersen PE Jr; Lorentzen JE: comparison of computed tomography and aortography in abdominal aortic aneurysms, (Radiology), 151: 555, 1984

Anderson AP See Johansen LV Anderson BL See Dyer R Anderson D See Walsh MN Anderson DC See Fischer GG

Anderson DJ See Kereiakes DJ Anderson FL See Hardin CW

Anderson JF See Christensen K Anderson JH See Kinnison ML Anderson JM See Parker MJ Anderson JR See Ford MJ Anderson JR; Mills T: caecal volvulus: a frequently missed diagnosis? (Radiology), 152: 841, 1984 Anderson JR; Spence RAJ; Laird JD; et al: indium-

Anderson JR; Spence RAJ; Laird JD; et al: in 111 autologous leukocyte imaging in pancreatitis, (J Nucl Med), 27: 345, 1986 Anderson KM See Winzelberg GG Anderson KW III See Sigel B Anderson L See Mandell L Anderson LJ See Reicher MA Anderson LL See Marchese MJ Anderson MC See Gebien RP

Anderson MC See Gobien RP Anderson MF See Sartoris DJ

Anderson MW; McGahan JP: metastatic melanoma to the epididymis suspected on preoperative ultrasound, (JCU), 14: 644, 1986

ultrasound. (ICU). 14: 644, 1986
Anderson QN See Katzberg RW
Anderson QN; Katzberg RW: loose bodies of the
temporomandibular joint: arthrographic
diagnosis, (Radiology). 154: 557, 1985
Anderson RE See Sherry RG
Anderson RE See Thomas DGT
Anderson RE; Kruger RA; Sherry RG; et al:
tomographic DSA using temporal filtration:
initial neurovascular application, (AJNR), 5: 277,
1984

Anderson RL See Abrams SL Anderson RW See Schneider JR Anderson S See Dixon GD

Anderson SD See Shin MS

Anderson SD See Shin MS
Anderson SD; Holley HC; Berland LL; Van
Dyke JA; Stanley RJ; causes of jaundice during
hepatic artery infusion chemotherapy,
(Radiology), 161: 439, 1986
Anderson SW; Gilani BB; MacGillivray MH; et al:
true hermaphroditism with vaginomegaly: a
cause of pseudo-urinary tract infection,
(Radiology), 152: 256, 1984
Anderson TM See Pera A
Anderson TM See Rice CA
Anderson WH See Cox GG
Anderson WH See Cox GG

Anderson WH See Cox GG
Anderson WH See Templeton AW
Anderson-Berg WT; Strand M; Lempert TE; et al:
nuclear magnetic resonance and gamma camera
tumor imaging using gadolinium-labeled
monoclonal antibodies, (J Nucl Med), 27: 829,
1986

1986
Andersson I See Nyman U
Ando H; Ito T: ultrasonic characteristics of tumefactive biliary sludge: thixotropic phenomenom, (ICU), 14: 289, 1986
Ando K See Tokiguchi S
Ando Y See Kondo M
Andre M See Pate D
Andre M See Pate D
Andre M See Sartoris DJ
Andrea M See Salvestre ME
Andre IL See Josefsson PO

Andren I. See Josefsson PO Andreoli SP; Smith J A; Bergstein JM: aluminum bone disease in children: radiographic features from diagnosis to resolution, (Radiology), 156: 663, 1985

663, 1985

Andreoli SP; Smith JA; Bergstein JM: aluminum bone disease in children: radiographic features from diagnosis to resolution: reply (Radiology), 159; 284, 1986

Andreott RF See Bowie JD

Andreou J See Papavasiliou C

Andreula CF; Camicia M; Lorusso A; et al: clinical and CT parameters in degenerative cerebellar atrophy in aged patients, (Radiology), 153; 276, 1984

Andrew M See C/Part.

Andrew M See O'Brodovich H Andrew TA; Porter K: primary subacute epiphyseal osteomyelitis: report of three cases, (Radiology), 157: 570, 1985

Andrews AF See Bowerman RA Andrews DE: site planning for nuclear magnetic resonance imaging, (Cardiovasc Intervent Radiol), 8: 390, 1986 Andrews JC See Blane CE

Andrews RC; Hawkins IF Jr: Hawkins needle-guide system for percutaneous catheterization: 1. instrumentation and procedure, (AJR), 142: 1191, 1984

1191, 1984
Andrews RC; Hawkins IF Jr; Vogel SG: Hawkins
needle-guide system for percutaneous
catheterization: 2. clinical experience in biliary
tract and abscess drainage, (AJR), 142: 1197, 1984

tract and abscess drainage, (A)(s), 142: 1197, 19 Andriole GI. See Miller DL Andriole J See Stanley J Andriole J; Gouse JC; Schultz CL; et al: bilateral abdominal masses in an asymptomatic infant, (Invest Radiol), 21: 355, 1986 Andriulli A See Palmas F Andros G See Harris RW

Andros G See Harris RW
Andros G, Harris RW; Dulawa LB; et al: need for
arteriography in diabetic patients with
gangrene and palpable foot pulses, (Radiology),
156: 269, 1985
Andruy T See Juma N

Andrayia T.A. See Unma N Andrayiak T.A. See Ungerleider JT Anees A; Ali A; Fordham EW: abnormal bone and gallium scans in a case of multifocal systemic sporotrichosis, (Clin Nucl Med), 11: 663, 1986 Ang KK See Dewit L

Angel CY See Pernes JM Angelini F See Corbetti F Anger RT Jr See Maglinte DDT Angtuaco TL See Balachandran S Angtuaco TL See Liu G-C Angtuaco TL See Williamson MR Angwafo FF See Kar A

Angwafo FF See Kar A
Anjou A; Chollat L; Bret PM; et al: computed
tomography for focal splenic pathology,
(Radiology), 151: 272, 1984
Anschuetz SL: extraluminal gas in the upper
abdomen, (Semin Roentgenol), 19: 255, 1984
Anschuetz SL; Vogelzang RL: malignant pleual
effusion: complication of transhepatic biliary
drainage, (A]R), 146: 1165, 1986
Anslot P See Pringot J
Ansong K See Khasidy LR
Antico VF; Hands ME; Lloyd BL: metastatic uterine
cervical cell carcinoma to myocardium, (Clin
Nucl Med), 11: 131, 1986
Antonioli DA See Wang HH

Antonioli DA See Wang HH Antony AC See Kopecky KK Antony VB See Stelzner TH Jr

Anwar M; Kadam S; Hiatt IM; et al: serial lumbar punctures in prevention of post-hemorrhagic hydrocephalus in preterm infants, (Radiology), 158: 862, 1986

6

Anzola E See Kessler KM

Aoki H See Inoue Y

Aoki J; Yamamoto I; Hino M; Shigeno C; Kitamura N; Itoh H; Torizuka K; Itoh T; Furuta M: sclerotic bone metastasis: radiologic-pathologic correlation, (Radiology), 159: 127, 1986

Aoki N; Masuzawa H: infantile acute subdural hematoma. clinical analysis of 26 cases, (Radiology), 155: 549, 1985

Aoki N; Mizutani H; does moyamoya disease cause subarachnoid hemorrhage? review of 54 cases with intracranial hemorrhage confirmed by computerized tomography, (Radiology), 153: 569,1984

Aparisi T See Mansson E Appareti K See Dennis MA Appareti K See Rumack CM Appel W See Uhlenbrock D Appelman HD See Goldfaden D

Applbaum YN; Diamond AB; Rappoport AS: retrograde ureteral catheterization via the ileal conduit, (AJR), 146: 61, 1986

Apple J See Kier R Apple JS See Gamba JL Apple JS See Martinez S Apple JS See Roberts L Jr

Apple JS; Martinez S; Khoury MB; et al: case report 376, (Skeletal Radiol), 15: 398, 1986

376. (Skeietal Kadiol), Isi 398, 1986 Apple IŞ; Martinez Ş; Khoury MB; et al: comparison of Hexabrix and Renografin-60 in knee arthrography, (AJR), 145: 139, 1985 Apple IŞ; Martinez S; Khoury MB; et al: occult carpal pathology: tomographic evaluation, (Skeletal Radiol), 15: 228, 1986

Apple JS; Martinez S; Nunley JA: painful os styloideum: bone scintigraphy in carpe bossu disease, (AJR), 142: 181, 1984

Apple JS; Paulson DF; Baber C; Putman CE: advanced prostatic carcinoma: pulmonary manifestations, (Radiology), 154: 601, 1985 Applebaum DM See Stewart CA

Applebaum EL See Mafee MF
Applefeld MM; Wiernik PH: cardiac disease after
radiation therapy for Hodgkin's disease:
analysis of 48 patients, (Radiology), 151: 565,

ApSimon HT See Tress BM ApSimon HT; Hartley DE: embolization of small vessels with a double-lumen microballoon

vessels with a double-lumen microballoon catheter, part I: design and construction, (Radiology), 151: 55, 1984

ApSimon HT; Hartley DE; Maddren L; Harper C: embolization of small vessels with a double-lumen microballoon catheter. part II. laboratory, animal, and histological studies. work in progress, (Radiology), 151: 59, 1984

Apter AJ; Levine MS; Glick SN: carcinomas of the base of the tongue: diagnosis using double-contrast radiography of the pharynx, (Radiology), 151: 123, 1984

Apuzzo MI, J See Zee C-S

Aquino L, See Arger PH

Apuzzo MLJ See Zee C-S Aquino L See Arger PH Aquino NM; Vazquez R; Matari H: ultrasound demonstration of a benign mesothelioma of tunica vaginalis testis, (ICU), 14: 310, 1986 Arab M; Friedman M; Weingarten J: nasal polyposis with invasion into the orbit, (Radiology), 150: 293, 1984

Arakawa M See Crooks LE

Arakawa M See Crooks LE
Arakawa M See Crooks LE
Arakawa M See Crooks LE
Arakawa M See Lanzer P
Arakawa M See Posin JP
Arakawa M See Takashi M
Arakawa M See Takashi M
Arakawa M See Tooks LE; McCarten B;
Hoenninger JC; Watts JC; Kaufman L:
comparison of saddle-shaped and solenoidal
coils for magnetic resonance imaging,
(Radiology), 154: 227, 1985
Araki T See Yashiro N
Araki T; Hayakawa K; Hayashi S; Uchiyama G:
accessory lateral segmental branch of the portal
vein. (Radiology), 159: 24, 1985
Araki T; Hayakawa K; Okada J; Hayashi S;
Uchiyama G; Yamada K: hepatic schistosomiasis
japonica identified by CT. (Radiology), 157: 757,
1985
Araki T; Inouve T; Suzuki H; Machida T; Iio M:

Araki T; Inouye T; Suzuki H; Machida T; Iio M: magnetic resonance imaging of brain tumors: measurement of T1, (Radiology), 150: 95, 1984

measurement of 11, (Kadiology), 150: 95, 1964
Araki Y See Yumoto Y
Aram G See Fetter J
Aranha GV; Prinz RA; Esguerra AC; et al: nature
and course of cystic pancreatic lesions
diagnosed by ultrasound, (Radiology), 150: 301, 1984

Arant BS Jr See Shindo S

Arant 65 Jf See Salmus 3 Arbaugh JJ See Kakkasseril JS Arcarese JS: notice from the Department of Health and Human Services, (Radiology), 152: 730, 1984

Arcement LJ See Brogdon BG

Archer AG; Choyke PL; Zeman RK; et al: aortic
dissection following coronary artery bypass
surgery: diagnosis by CT, (Cardiovasc Intervent
Radiol), 9: 142, 1986

Archer BR See Wagner LK

Archer CR; Yeager VL; Herbold DR: improved diagnostic accuracy in laryngeal cancer using a new classification based on computed tomography, (Radiology,) 152: 860, 1984

Archer CW; Turnipseed WD; Sackett JF; et al: digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy, (Radiology), 150: 292, 1984

Archie JF JF See Feldtman RW

Arciola A See Bernath AS

Arcovito G; Piermattei A; D'Abramo G; et al: intracavitary dosimetry of a high-activity remote loading device with oscillating source, (Radiology), 156: 864, 1985

Ardio J See Swartz JD

Arena PJ See Hublitz UF

Arena S J See Schultz UP

Arenson AM See Willinsky RA

Arenson AM See Willon SR

Arenson AM; McKee JD: left upper quadrant

Arenson AM; McKee JD: left upper quadrant

pseudolesion secondary to normal variants in liver and spleen, ([CU), 14:558, 1986 Arenson AM, Wilson SR, McKee JD: psoas disease causing a characteristic change in the ultrasonic causing a characteristic change in the ultrase appearance of the psoas compartment, (Radiology), 155: 861, 1985 Arenson JW See Douville Y Arenson R See Mintz MC Arenson RL See Arger PH Arenson RL See Radecki PD Arenson RL: automation of the radiology management function, (Radiology), 153: 65, 1984

enson RL: office automation, (Radiol Clin North Am), 24: 87, 1986

Arenson RL: teaching with computers, (Radiol Clin North Am), 24: 97, 1986

North Am), 24: 97, 1986 Arevalos E See Alpern MB Arevalos E See Lawson TL Argenbright J See Quinn SF Arger P See Thickman D Arger PH See Coleman BG Arger PH See Costeman BG Arger PH See Costema WF Arger PH See Fishman MC Arger PH See Grumbach K Arger PH See Kaye AD Arger PH See Meranze SG Arger PH See Mitchell DG Arger PH See Mitchell DG

Arger PH See Mitchell DG Arger PH See Radecki PD Arger PH See Weinreb JC Arger PH; Coleman BG; Mintz MC: lower urinary tract computed tomography, (Semin US CT MR), 7: 287, 1986

7: 287, 1986
Arger PH; Coleman BG; Mintz MC; Snyder HP;
Camardese T; Arenson RL; Gabbe SG;
Aquino L: routine fetal genitourinary tract
screening, (Radiology), 156: 485, 1985
Arger PM See Choyke PL
Arias-Mendoza F See Stromski ME
Arimizu N See Ebara M

Arisawa J See Ebara M
Arisawa J See Ikezoe J
Ariyama J; Shimaguchi S; Suyama M; et al:
intraarterial digital subtraction angiography in
the diagnosis and treatment of gastrointestinal
disorders, (Gastrointest Radiol), 11: 177, 1986
Arlart IP; Bargon G; Sigel H: anomalous
intrapulmonal vein drainage and pulmonary
vein connection in DSA, (Eur J Radiol), 6: 12,
1986

1986
Arlart IP, Rosenthal J: peripheral renal vascular disease in essential hypertension: hemodynamic, angiographic, and endocrine assessment, (Radiology), 155: 850, 1985
Arlett CF See Henderson LM

Armas RR: clinical studies with spleen-specific radiolabeled agents, (Semin Nucl Med), 15: 260, 1985

1985
Armas RR; Goldsmith SJ; gallium scanning in peritoneal mesothelioma, (AJR), 144: 563, 1985
Armin A See Demos TC
Armington WG; Osborn AG; Cubberley DA;
Harnsberger HR; Boyer R; Naidich TP;
Sherry RG; Supraentorial ependymoma: CT
appearance, (Radiology), 157: 367, 1985
Armstrong E See Weinreb JC
Armstrong E See Weinreb JC
Armstrong E See Hayder CK Ir.

Armstrong E See Weinreb JC
Armstrong EA See Hayden CK Jr
Armstrong P See Black WC
Armstrong P See Calhoun P
Armstrong P See Glass TA
Armstrong P: iatrogenic thoracic complications,
(Radiology, 151: 354, 1984
Armstrong WF See Chazal RA
Armstrong WF See Petrovic O

Armstrong WF See Chazal KA
Armstrong WF See Petrovic O
Armstrong WF See Vasey CG
Arndt JW See Mali WPTM
Arner O See Wallgren A
Arnold BA; Scheibe PO: noise analysis of a digital
radiography system, (AJR), 142: 609, 1984
Arnold PG See Pairolero PC

Arnold RE: manuscript processing at the RSNA publications office, (Radiology), 158: 267, 1986

Arnold S See Gurney JW

Arnold WP See Magid D Arnolds BJ; von Reutern G-M: transcranial Doppler sonography, examination technique and normal reference values, (Ultrasound Med Biol), 12: 115,

Arnon S See Palmer PES
Arnott SJ See Duncan W
Arnstein NB; Shapiro B: morbid obesity treated by
gastroplasty: radionuclide gastric emptying
studies: reply, (Radiology), 159: 816, 1986
Arnstein NB; Shapiro B; Eckhauser FE;
Dmuchowski CF; Knol JA; Strodel WE;
Nakajo M; Swanson DP: radionuclide gastric
emptying studies in morbid obesity treated witl
gastroplasty, (Radiology), 156: 501, 1985
Aron BS See Ploysongsang S
Aronberg DJ See Glazer HS
Aronberg DJ; Glazer HS; Sagel SS: MRI and CT of

Aronberg DJ; Glazer HS; Sagel SS: MRI and CT of the mediastinum: comparisons, controversies, and pitfalls, (Radiol Clin North Am), 23: 439,

1985
Aronberg DJ; Peterson RR; Glazer HS; Sagel SS:
superior sinus of the pericardium: CT
appearance, (Radiology), 153: 489, 1984
Aronberg DJ; Rodewald SS; Jost RG: computerassisted instruction in radiology, (Radiology),
154: 345, 1985

194: 495, 1950
Aronchick JM 500 Epstein DM
Aronchick JM 500 Miller WT
Aronchick JM, Miller WT: Epstein DM; Gefter WB:
association of achalasia and pulmonary
mycobacterium fortuitum infection, (Radiology),
160: 85, 1986

Aronchick JM; Wexler JA; Christen B; et al: computed tomography of bronchial carcinoid, (JCAT), 10: 71, 1986

Aronovitz F See Esser J Aronow WS See Chandraratna PAN Aronson DD See Blasier RB Arora S See Rao KCVG

Arora S; Rao KCVG; Gellad F:

Arora S; Rao KCVG; Gellad F: microglicoma—unusual computed tomographic appearance and course of neoplasm, (Radiology), 151: 551, 1984 Arossa W See Masoero G Arreaza N; Puigbo JJ; Acquaella H; et al: radionuclide evaluation of left-ventricular function in chronic chagas cardiomyopathy, (Radiology), 152: 269, 1984 Arriagada R See Tubiana M Arriagada IA; Mustack ER; Mustice CR, et al. CR.

Arrington JA; Murtagh FR; Martinez CR; et al: CT of multiple intracranial cryptococcoma, (AJNR), 5: 472, 1984

5: 472, 1984

Artis AA III; Bowie JD; Rosenberg ER; et al: fallacy of placental migration: effect of sonographic techniques, (AJR), 144: 79, 1985

Arundel CM; Kenney SM, Leith JT; et al: contrasting effects of the differentiating agent sodium butyrate on recovery processes after x-irradiation in heterogeneous human colon tumor cells, (Int J Radiat Oncol Biol Phys), 12: 959, 1986 Arundel CM; Leith JT: effects of nutritional state on

the expression of radiation injury in two tumor subpopulations obtained from a heterogeneous human colon carcinoma, (Int J Radiat Oncol Biol Phys), 12: 59, 1986

Arvan S: left ventricular mural thrombi secondary to acute myocardial infarction: predisposing factors and embolic phenomenon, (Radiology), 152: 563, 1984

Arya S See Peters ME Asai T See Fujitani T Asali Z See Moses HW Asamoto H See Murata K Asao M See Kitabatake A

Asari S See Yamamoto Y
Asari S, Kunishio K; Suga M; et al: coronal
computerized angiotomography for the
diagnosis of isodense chronic subdural
hematoma, (Radiology), 155: 858, 1985

Asato H See Yanai A Asato R See Hackney DB Asato R See Nakano

Asato R See Togashi K
Asbury AK See Goldberg HI
Ascah KJ; Stewart WJ; Levine RA; et al: Dopplerechocardiographic assessment of cardiac output
(Radiol Clin North Am), 23: 659, 1985

Ascher DP See Glasier CM Ascher NL See Loken MK

Ascherl GF Jr See Silver AJ
Ash CJ; Shealy CN; Young PA; et al: thermography
and the sensory dermatome, (Skeletal Radiol),
15: 40, 1986

Ash PJND See Baverstock KF

Ash PJND See Benzoni SA
Ashburn W See Renzoni SA
Ashburn W L See Kipper SL
Ashburn W L See Pollen JJ
Ashby MA; Ago CT; Harmer CL: hypofractionated
radiotherapy for sarcomas, (Int J Radiat Oncol
Biol Phys), 12: 13, 1986

Ashby MA; Harmer CL; McKinna JA; et al: case report: infiltrative fibromatosis: rare cause of fatal haemorrhage, (Clin Radiol), 37: 193, 1986 Ashkar FS See Al-Sheikh W

Ashton SS; Russo MP; Simon NV; et al: relationship between grade III placentas and biparietal diameter determinations, (Radiology), 151: 275,

Ashwal S See Hinshaw DB Jr Askew AR See Lambrianides AL Askin FB See Powers MA Asling CW See Guillaumin E Aspden RM See Hickey DS Aspelin P See Hildell J

Aspeitran F: See Fildell J Aspestrand F; Melsom M: gastrointestinal lymphoma with total involvement of the gut, (Radiology), 156: 265, 1985 Aspoas AR; Peacock WJ; Cremin BJ: infantile

subdural effusions, a case report, (Radiology), 155: 277, 1985

Assad WA; Nori D; Hilaris BS; et al: role of brachytherapy in the management of desmoid tumors, (Int J Radiat Oncol Biol Phys), 12: 901, Assaf Y See Bloom RA

Assey ME See Kancke KA
Assimakopoulos PA; Boyd DP; Jaschke W; et al:
spatial resolution analysis of computed
tomographic images, (Invest Radiol), 21: 260,
1986

mann H See Fichte B Aston JK: computed tomography of obstructive jaundice secondary to duodenal hematoma, (CT), 10: 171, 1986

Astor FC; Donegan O; Gluckman JL: unusual anatomic presentations of inverted papilloma, (Radiology), 157: 857, 1985 Astor MB See Hall EJ

Astor MB: oxygen concentration and the OER for acutely or chronically thiol deficient cells, (Int J Radiat Oncol Biol Phys), 12: 1131, 1986

Asztely M: ultrasound differential diagnosis of tumors, (Radiology), 155: 192, 1985 Atebarmakian VK See Caldamone AA Aterman K See Belcourt CL

Aterman K See Belcourt CL
Athanasoulis CA See Eckstein MR
Athanasoulis CA See Richter JM
Athanassiou AA; Begent RHJ; Newlands ES; et al:
central nervous system metastases of
choriocarcinoma, (Radiology), 152: 557, 1984

Atherino CCT; Atherino TC: maxillary sinus mucopyoceles, (Radiology), 153: 857, 1984 Atherino TC See Atherino CCT

Atherion IC See Atherino CCT
Atherion LD, Leib ES; Kaye MD: toxic megacolon
associated with methotrexate therapy,
(Radiology), 156: 562, 1985
Athey PA; Cooper NB: sonographic features of
parovarian cysts, (AJR), 144: 83, 1985

Athey PA; Hacken JB; Estrada R: sonographic appearance of mucocele of the appendix, (Radiology), 155: 862, 1985

Athey PA; Sax SL; Lamki N; et al: sonography in the diagnosis of hepatic artery aneurysms, (AJR), 147: 725, 1986

Atkins H See Goodman K

Atkins HSee Goodman K

Atkins HL; Oster ZH: visualization of caput medusa in a patient with hepatoma, (Clin Nucl Med), 11: 591, 1986

Atkinson D See Berger PE

Atkinson D See Berger PE
Atkinson GO Jr; Kodroff MB; Gay BB Jr;
Ricketts RR: adrenal abscess in the neonate,
(Radiology), 155: 101, 1985
Atkinson GO Jr; Zaatari GS; Lorenzo RL; et al:
cystic neuroblastoma in infants: radiographic
and pathologic features, (AJR), 146: 113, 1986
Atkinson JB See Virmani R
Atkinson JB See Virmani R
Atkinson WJ See Lilly MB
Atlan H; Sieal R: Hadar H; et al; nuclear magnetic

Atlan H; Sigal R; Hadar H; et al: nuclear magnetic resonance proton imaging of bone pathology, (J Nucl Med), 27: 207, 1986

Atlas S See Shkolnik A Atlas SW See Bressler EL

Atlas SW See Grossman RI Atlas SW See Regenbogen VS Atlas SW; Grossman RI; Goldberg HI; et al: MR diagnosis of acute disseminated encephalomyelitis, (JCAT), 10: 798, 1986

Atlas SW; Shkolnik A; Naidich TP: sonographic recognition of agenesis of the corpus callosum, (AJNR), 6: 369, 1985

Atlas SW; Vogelzang RL; Bressler EL; et al: CT diagnosis of a mycotic aneurysm of the thoracoabdominal aorta, (JCAT), 8: 1211, 1984

Atlas SW; Zimmerman RA; Bilaniuk LT; Rorke L; Hackney DB; Goldberg HI; Grossman RI: corpus callosum and limbic system: neuroanatomic MR evaluation of developmental anomalies, (Radiology), 160: 355, 1986 Aubanel D See Bruneton JN

Aube M See Saint-Georges G Aubin ML See Berges O

Auclerc M-F; Desprez-Curely JP; Maral J; et al: prognostic value of lymphograms in chronic lymphatic leukemia, (Radiology), 153: 271, 1984

Audet L See Baines CI Aue WP See Nidecker AC Aufderheide AC See Notman DNH

Aufderheide AC See Notman DNH
Aufiero T See Strauss M
Aufrichtig D; Lottenberg S; Hoefs J; Ferrari LA;
Friedenberg RM; Kanel G; Cole-Beuglet C;
Leeman S; frequency-demodulated US:
evaluation in the liver. work in progress,
(Radiology), 166: 59, 1986
Aufschnaiter M: sonography of coagulated
blood—experimental and clinical findings,
(Radiology), 151: 276, 1984
Auger MJ; Critchley M; McVerry BA: unusual
presentation of a large infected hemophiliac
pseudotumor in an autologous indium-111 WBC
scan, (Clin Nucl Med), 11: 568, 1986
Aughenbaugh GI. See Zerhouni EA
Aughenbaugh GI. See Zerhouni EA

Aughenbaugh GL: thoracic manifestations of neurocutaneous diseases, (Radiol Clin North Am), 22: 741, 1984 Augsburger JJ See Gomori JM Augsburger JJ See Markoe AM

Augsburger JJ See Peyster RG Augsburger JJ See Shields JA August CS See Rao VM Augustine SC See Witte RJ

Augustine SC See Witte RJ
Augustyn GT See Scott JA; Olson E; Gilmor RL;
Edwards MK: cerebral venous angiomas:
imaging, (Radiology), 156: 391, 1985
Auh YH See Berkmen YM
Auh YH See Kneeland JB

Auh YH See Levy-Ravetch M Auh YH See Pardes JG Auh YH See Rubenstein WA Auh YH See Zirinsky K

Auh YH See Zirinsky K
Auh YH; Anand J; Zirinsky K; et al: adrenal
hemangioma: case report, (CT), 10: 57, 1986
Auh YH; Pardes JG; Chung KB; et al: posterior
hepatodiaphragmatic interposition of the colon:
ultrasonographic and computed tomographic
appearance, () Ultrasound Med), 4: 113, 1985
Auh YH; Rosen A; Rubenstein WA; et al: CT of the
papillary process of the caudate lobe of the
liver, (AJR), 142: 535, 1984
Auh YH; Rubenstein WA; Markisz JA; Zirinsky K;
Whalen JP; Kazam E: intraperitoneal
paravesical spaces: CT delineation with US
correlation, (Radiology), 159: 311, 1986
Auh YH; Rubenstein WA; Schneider M;
Reckler JM; Whalen JP; Kazam E:
extraperitoneal paravesical spaces: CT
delineation with US correlation, (Radiology),
159: 319, 1986 159: 319, 1986

159: 319, 1986
Auh YH; Rubenstein WA; Zirinsky K; et al:
accessory fissures of the liver: CT and
sonographic appearance, (AJR), 143: 565, 1984
Auman JL See De Somer FM
Aurbach GD See Doppman JL
Aurbach GD See Krudy AG

Aurbach GD See Krudy AG
Auslander I. See Ostfeld E
Auster M See Kinnison ML
Auster M, Kadir S; Mitchell SE; Williams GM;
Perler BA; Chang R; White RI Jr: iliac artery
occlusion: management with intrathrombus
streptokinase infusion and angioplasty,
(Radiology), 153: 385, 1984
Austin AR See Lecklitner ML
Austin CE See Terree WE

Austin GE See Torres WE

Austin H: acute right upper quadrant abdominal pain: ultrasound approach, (Radiology), 151: 559, 1984

Austin HA III See Doppman JL Austin HM See Bhatt GM Austin JHM See Sonnenblick EB

Austin JHM: invagination of the left subclavian artery into the left upper lobe—normal variant, (Comput Radiol), 10: 127, 1986

Austin JHM: lateral chest radiograph in the assessment on nonpulmonary health and disease, (Radiol Clin North Am), 22: 687, 1984 Austin JHM: left minor fissure, (Radiology), 161: 433, 1986

Austin RM See Sussman S
Austin RM; Sacks BA; Nowell M; Feital C: catheter
hysterosalpingography, (Radiology), 151: 249,
1984

Austin RM: Sussman S: McArdle CR: et al: case report. computed tomographic and ultrasound appearances of a solitary intrahepatic choledochal cyst, (Clin Radiol), 37: 149, 1986

Austin-Seymour MM; Chen GTY; Castro JR; et al: dose volume histogram analysis of liver radiation tolerance, (Int J Radiat Oncol Biol Phys), 12: 31, 1986

Avellone A See Linkowski GD Averbuch M See Halpern Z Avigad I See Graif M Avila MP See Jalkh AE Avila R See Vallegjos E Aviles A See Ambriz R Avitabile AM See Hulnick DH Avni EF See Van Gansbeke D

Avant GR See Ghishan FK

Avni EF; Rodesch F; Schulman CC: fetal uropathies

Avin Er; Nouesen F; Schulman CC: fetal uropath diagnostic pitfalls and management, (Radiology), 159: 571, 1986

Avni EF; Vanderelst A; Van Gansbeke D; et al: antenatal diagnosis of pulmonary tumours: report of two cases, (Pediatr Radiol), 16: 190, 1994

Avni EF; Van Gansbeke D; Rodesch F; et al:

Avni EF; Van Gansbeke D; Rodesch F; et al: sonographic demonstration of malabsorption in neonates, (J Ultrasound Med), 5: 85, 1986 Avruch L; Cooperberg PL: ring-down artifact, (J Ultrasound Med), 4: 21, 1985 Awazu M; Shimizu M; Hojo H; et al: percutaneous transluminal angioplasty for renovascular hypertension, (Radiology), 160: 288, 1986 Awwad EE See Sundaram M Avel L See Choyke PI.

Axel L See Choyke PL Axel L See Kressel HY Axel L See Mezrich RS Axel L See Mitchell DG

Axel L See Mitchell MD Axel L See Rao VM Axel L See Summers RM Axel L See Thickman D

Axel L. See Thickman D
Axel L: blood flow effects in magnetic resonance imaging, (AJR), 143: 1157, 1984
Axel L: orientation of magnetic resonance images, (Radiology), 151: 534, 1984
Axel L: simple method for performing oblique CT-guided needle biopsies, (AJR), 143: 341, 1984
Axel L: surface coil magnetic resonance imaging, (Radiology), 154: 581, 1985
Axel L: Dean PB: Moss AA; et al: functional imaging of the liver. new information from dynamic CT, (Radiology), 152: 861, 1984
Axel L; Shimakawa A; MacFall JR: time-of-flight method of measuring flow velocity by magnetic resonance imaging, (Magn Res Imag), 4: 199, 1986

Axel L; Summers RM; Kressel HY; Charles C: respiratory effects in two-dimensional Fourier transform MR imaging, (Radiology), 160: 795,

1986
Axelrod FB; Pearson J; Tepperberg J; et al:
congenital sensory neuropathy with skeletal
dysplasia, (Radiology), 151: 547, 1984
Axford PD See Fritzsche PJ
Ayala A See Capanna R
Ayala A See Capanna R
Ayala A See Nauert C

Ayala A See Nauert C Ayala AG See Seider MJ Ayers AB See Keeling FP Ayers CR See Tegtmeyer CJ Aygun C See Sewchand W Aygun C; Slawson RG; Bājaj K; et al: primary mediastinal seminoma, (Radiology), 153: 265,

1984 Ayres JG; Hicks BH; Maisey MN: gallium-67 uptake in meningeal sarcoidosis, (Clin Nucl Med), 11: 507, 1986 Azar-Kia B See Naheedy MH

Azevedo SNB See Uflacker R Aznarez A See Brown ML Azose AA See Wales LR Azouz EM See Capusten BM

Azouz EM: le poumon (the lung). vol. 3 of cahiers de radiologie (notebooks of radiology), (Radiology), 159: 400, 1986 Azouz EM; Esseltine DW; Chevalier L; et al:

Azouz EM; Esseltine DW; Chevalier L; et al: radiologic evaluation of osteosarcoma, (Radiology), 150: 856, 1984
Azouz EM; Kozlowski K; Marton D; et al: osteoid osteoma and osteoblastoma of the spine in children: report of 22 cases with brief literature review, (Pediatr Radiol), 16: 25, 1986

Azzarelli R; Moore J; Gilmor R; et al: multiple fusiform intracranial aneurysms following curative radiation therapy for suprasellar germinoma. case report, (Radiology), 157: 571, 1985

Azzawi Y-M See Rothman SLG Azzolini P See Franchella A

### В

Ba'assiri A; Haddad FS: primary extradural intracranial hydatid disease: CT appearance, (AJNR), 5: 474, 1984

Babajews AV See Lyons AJ Babajews AV See Lyons AJ Babayan R See Olsson CA Babbitt G See Hillman BJ Babcock DS See Han BK Babcock DS See Kaufman RA

Babcock DS See Kraus R Babcock DS See Slovis TL

Babcock DS: normal, absent, and abnormal corpus callosum: sonographic findings, (Radiology), 151: 449, 1984

Babcock DS; Bove KE; Hug G; et al: fetal mucolipidosis II (I-cell disease): radiologic and pathologic correlation, (Pediatr Radiol), 16: 32, 1986

Babcock DS; Han BK: pediatric pelvis, (Clin Diagn Ultrasound), 15: 27, 1984 Babcock DS; Han BK: sonographic recognition of gyral infarction in meningitis, (AJNR), 6: 119, 1985

Babcock DS; Han BK: sonographic recognition of gyral infarction in meningitis, (AJR), 144: 833, 1985

1985

Babcock DS; Slovis TL; Han BK; McEnery P;
McWilliams DR: renal transplants in children:
long-term follow-up using sonography,
(Radiology), 156: 165, 1985

Babcock EE See Weinreb JC

Babcock EE; Brateman L; Weinreb JC; et al: edge
artifacts in MR images: chemical shift effect,
(JCAT), 9: 252, 1985

Baber C See Apple JS Baber C See Chen JTT

Baber C See Chen JTT
Baber C See Martinez S
Babic UU; Pejcic P; Djurisic Z; et al: percutaneous transarterial balloon valvuloplasty for mitral valve stenosis, (Radiology), 161: 861, 1986
Babin E; Matge G; Dietemann JL: anomalies of origin of lumbosacral nerve roots: myelographic signs and surgical findings, (Radiology), 151: 267, 1984
Babin PW See K vanach KT.

Babin RW See Kavanagh KT Bacchini P See Bertoni F Bacchini P See Capanna R Bach D See Shapir J Bach D See Taucer F

Bach DB; Satin R; Palayew M; et al: herniation and strangulation of the gallbladder through the foramen of Winslow, (AJR), 142, 541, 1984 Bach MC; Bagwell SP; Masur H; utility of gallium

imaging in the diagnosis of mycobacterium avium-intracellulare infection in patients with the acquired immunodeficiency syndrome, (Clin Nucl Med), 11: 175, 1986

Bacher JD See Miller DL
Bach-Gansmo T See Lilleas F
Bachman DM See Hann LE
Bachow TB See New PFJ

Bachow TB; Hesselink JR; Aaron JO; Davis KR; Taveras JM: fat deposition in the cavernous sinus in Cushing disease, (Radiology), 153: 135,

Bachrach LK; Daneman D; Daneman A; et al: use of ultrasound in childhood thyroid disorders, (Radiology), 152: 256, 1984

Backhouse TW: treatment of malignant tumours of the maxillary antrum, (Clin Radiol), 37: 179,

Backman U See Hoddick WK Bacon BR See Stark DD Bada H See Magill HL Badami JP See Brant-Zawadzki M

Badami JF, Baker RA; Scholz FJ; McLaughlin M: outpatient metrizamide myelography: prospective evaluation of safety and cost effectiveness, (Radiology), 158: 175, 1986 Badami JP; Norman D; Barbaro NM; et al:

Dadami Jr; Norman D; Barbaro NM; et al:
metrizamide CT myelography in cervical
myelopathy and radiculopathy: correlation with
conventional myelography and surgical
findings, (AJNR), 6: 59, 1988
Badami P See Kelly WM
Badenhorst PN See Lutter MG
Badenborst PN See Lutter MG
Baden PS Can Press MG

Badenhorst PN See Lotter MG
Badger RS See Brown BG
Badger RS See Brown BG
Badler VM See Roberts WA
Badlani G; Eshghi M; Smith AD: percutaneous
surgery for ureteropelvic junction obstruction
(endopyelotomy): technique and early results,
(Radiology), 159: 821, 1986
Bae JH See Schwaiger M

Baehner R See Cohen MD Baer JE See Munn CS Baer KA See Koch Cl Baert A See Casselman ] Baert AL See De Somer FM Baert AL See Marchal GJF Baert AL See Rossi P

Baert AL See Wilms GE Baert SW, Meradji M: cranial ultrasound in preterm infants: long-term follow-up, (Radiology), 158: 574, 1986

Baetz-Greenwalt B; Ratliff NB; Moddie DS:

Baetz-Greenwait B; Ratiift NB; Moddle DS: hypoplastic right-sided heart complex: a cluster of cases with associated congenital birth defects. a new syndrome?, (Radiology), 152: 254, 1984 Bagg MNJ; Horwitz TA; Bester L: comparison of patient responses to high- and low-osmolality contrast agents injected intravenously, (AJR), 147: 185, 1986

Baglivo J See Cascino TL Bagnall JW See Yoo JHK Bagshaw MA See Ray GR

Bagshaw MA See Ray GR
Bagshaw MA; Ray GR; Cox RS: radiotherapy of
prostatic carcinoma: long- or short-term
efficacy. (Stanford University experience),
(Radiology), 156: 864, 1985
Bagwell CF: neonatal intestinal pseudoobstruction,
(Radiology), 157: 852, 1985
Bagwell SP See Bach MC

Bahia JO; Boal DKB; Karl SR; et al:

ultrasonographic detection of spontaneous perforation of the extrahepatic bile ducts in infancy, (Pediatr Radiol), 16: 157, 1986

Bahn RC See Schreiman JS Bahr AL See Frederick PR Bahr L See Giles DI

Bailes DR; Gilderdale DJ; Bydder GM; et al: respiratory ordered phase encoding (ROPE): method for reducing respiratory motion artefacts in MR imaging, (ICAT), 9: 835, 1985 Bailey BJ See LeLiever WC

Bailey GD See Wall SD

Bailey MJ; Williams JE; Riddle PR: metastatic deposits from a previously treated carcinoma of the lung presenting as a renal cell carcinoma, (Br J Radiol), 59: 333, 1986

Bailey TM See Lewall DB Bailey WC See Shin MS Bailey WW See Stevenson IG Baily NA See Rimkus D Baim RS See Clair MR Baim RS See Perkes EA

Baim RS See Perkes EA
Baines CJ; Miller AB; Wall C; McFarlane DV;
Simor IS; Jong R; Shapiro BJ; Audet L;
Petitclerc M; Ouimet-Oliva D; Ladouceur J;
Hebert G; Minuk T; Hardy G; Standing HK:
sensitivity and specificity of first screen
mammography in the Canadian National Breast
Screening Study: preliminary report from five
centers, (Radiology), 160: 295, 1986

Bains MS See Heelan RT Bains MS See Witt TR Bairamian D See Di Chiro G

Bairamian D; Di Chiro G; Blume H; et al: pituitary adenoma with seizures: PET demonstration of reduced glucose utilization in the medial temporal lobe, (JCAT), 10: 529, 1986

Bairamian D; Di Chiro G; Theodore WH; et al: MR

imaging and positron emission tomography of cortical heterotopia, (JCAT), 9: 1137, 1985 Baird RN See Jeans WD

Bajaj K See Aygun C

Bakal CW See Berman HL
Baker A; Volberg F; Sumner T; et al: childhood
Menetrier's disease: four new cases and
discussion of the literature, (Gastrointest
Radiol), 11: 131, 1986

Baker AR; Prytherch DR; Evans DH; et al: Doppler ultrasound assessment of the femoro-popliteal segment: comparison of different methods using ROC curve analysis, (Ultrasound Med Biol). 12: 473, 1986

Baker BJ; Scovil JA; Kane JJ; et al: echocardiographic detection of right ventricular hypertrophy, (Radiology), 150: 615, 1984

Baker C See Zeman RK Baker DE See Buckwalter KA

Baker DE; Glazer GM: bilateral pararenal calcifications resulting from pancreatitis, (AJR), 143: 51, 1984

Baker DE; Silver TM; Coran AG; McMillin KI: postappendectomy fluid collections in children: incidence, nature, and evolution evaluated using US, (Radiology), 161: 341, 1986

Baker DH See Berdon WE Baker DH See Singson RD Baker HL Jr See Kaplan HC

Baker HL Jr: cranial CT in the investigation of headache: cost-effectiveness for brain tumors, (Radiology), 151: 267, 1984

Baker HL Jr; Berquist TH; Kispert DB; et al: magnetic resonance imaging in a routine clinical setting, (Radiology), 156: 280, 1985

Baker JD See Gomes AS Baker JD See Martin-Paredero V Baker KF See Pile-Spellman JMD Baker KS; Sawyer RW; Tisnado J; Cho S-R:

percutaneous transluminal angioplasty of the renal arteries: double-catheter technique, (Radiology), 159: 554, 1986

Baker M; Siddiqui AR; Provisor A; et al: radiographic and scintigraphic skeletal imaging in patients with neuroblastoma: concise communication, (Radiology), 152: 270, 1984

Baker ME See Chiles C Baker ME See Godwin JD Baker ME See Illescas FF Baker ME See Johnson CD

Baker ME See Silverman PM
Baker ME; Bowie JD; Killam AP; sonography of
post-cesarean-section bladder-flap hematoma,
(AJR), 144: 757, 1985

(AJR), 144: /57, 1985
Baker ME; Mahony BS; Bowie JD; et al: adverse effect of an overdistended bladder on first-trimester sonography, (AJR), 145: 597, 1985
Baker ME; Rosenberg ER; Bowie JD; et al: transient in utero hydronephrosis, (J Ultrasound Med), 4: 51, 1985

Baker ME; Rosenberg ER; Trofatter KF; et al: in utero findings in twin pentalogy of Cantrell, (J Ultrasound Med), 3: 525, 1984

Baker ME; Silverman PM: nodular focal fatty infiltration of the liver: CT appearance, (AJR), 145: 79, 1985

145: 79, 1985
Baker ME; Silverman PM; Korobkin M: computed tomography of prostatic and bladder rhabdomyosarcomas, (JCAT), 9: 780, 1985
Baker MK; Sekauwecker DS; Wenker JC; et al: nuclear medicine evaluation of focal fatty infiltration of the liver, (Clin Nucl Med), 11: 503: 1986

Baker MK; Wenker JC; Cockerill EM; Ellis JH: focal fatty infiltration of the liver diagnostic imaging, (Radiographics), 5: 923, 1985 Baker ML See Ferris EJ

Baker ND; Greenspan A; Neuwirth M: symptomatic vertebral hemangiomas: report of four cases, (Skeletal Radiol), 15: 458, 1986

Baker RA See Badami JP Baker SR See Broker MH Baker SR See St. Pierre S Baker SR; Broker MH; Charnsangavej C; Sitron AP: calcification in the portal vein wall, (Radiology), 152: 18, 1984

152: 18, 1984
Baker SR; Gaylord GM; Lantos G; Tabaddor K;
Gallagher EJ: emergency skull radiography:
effect of restrictive criteria on skull radiography
and CT use, (Radiology), 156: 409, 1985
Baker SR; Rosenberg ZS; Adel H: operation of a
ward-based radiology consultation service,
(Radiology), 152: 331, 1984
Baker SR; Stein HD: radiologic consultation: its
application to an acute care surgical ward, (AJR),
147: 637, 1986
Baker WJ See Datz FL

Baker WJ See Datz FL

Bakewell B See Shields JA Bakke A; Goethlin J; Hoisaeter PA: renal malignancies: outcome of patients in stage 4 with or without embolization procedure, (Radiology), **159**: 571, 1986 **Bakke SJ** See **Nakstad PH** 

Bakker CJG See de Graaf CN Bakker W See Mallens WMC

Bakris GL; Mulopulos GP; Korchik R; et al: pulmonary scar carcinoma, (Radiology), 151: 544, 1984 Balachandran S See McGuire EL

Balachandran S See McGuire EL
Balachandran S See Sayle BA
Balachandran S; Angtuaco TL; Shah HR; et al:
incidental hydronephrosis on bone
scintigraphy: sonographic verification,
(Radiology), 158: 858, 1986
Balasem AN; Barker CR; lymphocyte
subpopulations in Hodgkin's disease and nonHodgkin's lymphoma and the effect of
radiotherapy, (Radiology), 156: 288, 1985
Balasubramaniam P See Kumar VP
Balcar I See Cayea PD

Balcar I See Cayea PD Balcar I; Grant DC; Miller WA; et al: antenatal detection of Down syndrome by sonography, (AJR), 143: 29, 1984

Balcar I; Seltzer SE; Davis S; Geller SC: CT patterns of splenic infarction: a clinical and experimental. study, (Radiology), 151: 723, 1984

Baldauf G See Feurle GE Baldi F See Iaccarino M Baldi P See Bettoni L Baldini N See Picci P

Baldini N See Picci P
Baldy RE; Brindley GS; Ewusi-Mensah I; et al:
fully-automated computer-assisted method of
CT brain scan analysis for the measurement of
cerebrospinal fluid spaces and brain absorption
density, (Neuroradiol), 28: 109, 1986
Bale JF JF See Dunn V
Bale PM See Sholler GF

Bales P See Berdon WE Balfe DM See DiSantis DJ Balfe DM See Glazer HS Balfe DM See Heiken JP Balfe DM See Lee JKT Balfe DM See Ling D Balfe DM See Semenkovich JW Balfe DM See Weinstein JB

Balfe DM See Winthrop JD
Balfe DM See Worthington JL
Balfe DM; Mauro MA; Koehler RE; Lee JKT;
Weyman PJ; Picus D; Peterson RR:

gastrohepatic ligament: normal and pathologic CT anatomy, (Radiology), 150: 485, 1984 Balfe JW See Eke F Baliga K See Moncada R Balikian JP See Jochelson MS

Balk E See Machac J Balko A See Malhotra CM Ball DS; Friedman AC; Hartman DS; et al: scar sign

of renal oncocytoma: magnetic resonance imaging appearance and lack of specificity, (Urol Radiol), 8: 46, 1986 Ball DS; Radecki PD; Friedman AC; Caroline DF;

Mayer DP: contrast medium precipitation during abdominal CT, (Radiology), 158: 258, 1986

Ball JB See Donald PR Ball JB Jr See Myer CM III

Ball JB Jr See Tomsick TA
Ball JB Jr: enlarged brain stem, (Semin Roentgenol),
19: 3, 1984

Ball JB Jr: enlarged brain stem, (Semin Roentgenol)
19: 3, 1984
Ball JB Jr; Miller GW; Hepfner ST: computed
tomography of single-channel cochlear
implants. (AJNR), 7: 41, 1986
Ball JB Jr; Towbin RB; Staton RE; Cowdrey KE:
direct sagittal computed tomography of the
head. (Radiology), 155: 822, 1985
Ball MR See Curnes JT
Ball MR See Harrison KM
Ball TJ; WyJy JB: enterocyst formation: late
complication of neonatal necrotizing
enterocolitis. (AJR), 147: 806, 1986
Ball TJ See Marks WM
Ball WS Jr See Goldthorn JF
Ball WS Jr: Frontiers in European radiology. vol. 4,
(Radiology), 155: 818, 1985
Ball WS Jr; Strife JJ; Rosenkrantz J; Towbin RB;
Noseworthy J: esophageal strictures in
children: treatment by balloon dilatation,
(Radiology), 150: 263, 1984
Ball WS Jr; Towbin RB; Strife JL; et al:
interventional genitourinary radiology in

Ball WS Jr; Towbin RB; Strife JL; et al: interventional genitourinary radiology in children: review of 61 procedures, (AJR), 147: 791, 1986 Ballas SK See Rau VM Ballerini G; Mantero M; Sbrocca M: ultrasonic patterns of parotid masses, (Radiology), 154: 857, 1985

patterns of parotic masses, (kaciology), 154: 6:
1985
Ballierini L See Corno A
Balliner JF See Starnes V A
Ballinger WB Jr See Quisling RG
Ballinger WE See Coffey R
Ballinger WE See Coffey R
Ballinger WE See Quisling RG
Ballinger WE See Quisling RG
Ballinger WE Jr See Lotz PR
Balogh B See Neuhold A
Balogh K See Bhattacharyya AK
Balogh L See Milenyi M
Balof N See Zasorin NL
Balsara VJ See Pfeiffer WR
Balsara VJ See Pfeiffer WR
Balsara VJ Raval B; Maklad NF: emphysematous
pyelonephritis in a renal transplant:
sonographic and computed tomographic

sonographic and computed tomographic features, (J Ultrasound Med), 4: 97, 1985 Baltarowich OH See Pennell RG Baltarowich OH See Rifkin MD

Baltarowich OH See Rifkin MD
Baltaxe HA See Dublin AB
Baltaxe HA See Dublin AB
Baltaxe HA; Mitty HA; Pollack HM: multipurpose coaxial needle used for percutaneous nephrostomy, (Radiology), 153: 259, 1984
Balter Sce Merritt CRB
Balter S; Ergun D; Tscholl E; Buchmann F;
Verhoeven L: digital subtraction angiography: fundamental noise characteristics, (Radiology), 152: 195, 1984
Balthazar DA; Pappas AM: acquired valgus

152: 195, 1984

Balthazar DA; Pappas AM: acquired valgus deformity of the tibia in children, (Radiology), 155: 552, 1985

Balthazar EJ See Hulnick DH
Balthazar EJ See Leitman BS

Balthazar EJ See Megibow AJ
Balthazar EJ See Strauss JE
Balthazar EJ See Subramanyam BR
Balthazar EJ, Bauman JS; Megibow AJ: CT
diagnosis of closed loop obstruction, (JCAT), 9: 953, 1985

Balthazar EJ; Hilton S; Naidich DP; et al: CT of

Balthazar EJ; Hilton S; Naidich DP; et al: CT of splenic and perisplenic abnormalities in septic patients, (A/R), 144: 53, 1985
Balthazar EJ; Megibow AJ; Fazzini E; Opulencia JF; Engel I: cytomegalovirus colitis in AIDS: radiographic findings in 11 patients, (Radiology, 155: 585, 1985
Balthazar EJ; Megibow AJ; Hulnick D; et al: CT of appendicitis, (A/R), 147: 705, 1986
Balthazar EJ; Megibow AJ; Hulnick DH: cytomegalovirus esophagitis and gastritis in AIDS, (A/R), 144: 1201, 1985
Balthazar EJ; Megibow AJ; Naidich DP; et al: computed tomographic recognition of gastric varies, (A/R), 142: 112, 1984
Balthazar EJ; Ranson JHC, Naidich DP;

computed tomographic recognition of gastric varies, (AJR), 142: 1121, 1984
Balthazar EJ; Ranson JHC; Naidich DP; Megibow AJ; Caccavale R; Cooper MM: acute pancreatitis; prognostic value of CT, (Radiology), 156: 767, 1985
Balthazar EJ; Streiter M; Megibow AJ: anorectal giant condyloma acuminatum (Buschke-Loewenstein tumor): CT and radiographic manifestations, (Radiology), 150: 651, 1984
Balthazar EJ; Subramanyam BR; Lefleur RS; Barone CM: solid and papillary epithelial neoplasm of the pancreas: radiographic, CT, sonographic, and angiographic features, (Radiology), 150: 39, 1984
Bamber JC See Robinson DE
Bamborschke S See Bewermeyer H
Ban N See Moriyasu F
Bandyk DF; Levine AW; Pohl L; et al: classification of carotic bifurcation disease using quantitative Doppler spectrum analysis, (Radiology), 156: 860, 1985

Banelli E See Tombolini V Baneriee AK See Khosia VK

Bang J: policy statement of the European Federation of Ultrasound Societies for Ultrasound in Medicine and Biology, (Ultrasound Med Biol), 12: 715, 1986

Bang J: susceptibility of the human fetus to physical damage, (Ultrasound Med Biol), 12: 683, 1986 Bangaru BS See Ambrosino MM

Bank ER; Glazer GM: ultrasonographic detection of infected thrombus in the inferior vena cava, () Ultrasound Med), 3: 567, 1984

Bank ER; White SJ; Coran AG: radiographic appearance of the endorectal pull-through, (Pediatr Radiol), 16: 216, 1986

Bankoff M See Clark J Bankoff MS See Cole DR

Bankoff MS See Isner JM
Bankoff MS See Mitcheson HD
Bankoff MS See Sarno RC

Bankoff MS; Daly BDT; Johnson HA; et al: bronchogenic cyst causing superior vena cava obstruction: CT appearance, (JCAT), 9: 951, 1985 Banks L See Hadjis NS

Banks LM See Carr DH

Banks LM; Stevenson JC: modified method of spinal computed tomography for trabecular bone mineral measurements, (JCAT), 10: 463, 1986

Banks PA See Einhorn RI Banks PM See Wilder WH

Banna M; Mannen J: digital imaging of the intracranial circulation using an aortic arch injection and carotid compression, (J Canad Assoc Radiol), 37: 184, 1986

Banna M; Olutola PS: orbital histiocytosis on computed tomography, (Radiology), 150: 865, 1984

Banna M; Olutola PS: patterns of pneumatization and septation of the sphenoidal sinus, (Radiology), 153: 278, 1984 Banner HJ See Tiu S

Banner HJ See Tiu S Banner MP See Caroline DF Banner MP See Pollack HM Banner MP See Verstandig AG Banner MP; Pollack HM: dilatation of ureteral stenoses: techniques and experience in 44 patients, (AJR), 143: 789, 1984

Banner MP; Pollack HM: fluoroscopically guided percutaneous extraction of upper urinary tract calculi, (Radiol Clin North Am), 22: 415, 1984

Banner MP; Pollack HM; Bonavita JA; Ellis PS: radiology of urinary diversions, (Radiographics), 4: 885, 1984 Banner MP; Stein EJ; Pollack HM: technical

Banner MP; Stein EJ; Pollack HM: technical refinements in percutaneous nephroureterolithotomy, (AJR), 145: 101, 1985
Bannwarth B See Gaucher A
Bansal RC; Moloney PM; Marsa RJ; et al: echocardiographic features of a mycotic aneurysm. of the left ventricular outflow tract caused by perforation of mitral-aortic intervalvular fibrosa, (Radiology), 151: 273, 1984

Bansal S See Malhotra CM

Baracer D See Claussen CD
Baquero JM See Heneghan MA
Barack BM: persistence of the cardinal veins and thrombosis: CT demonstration, (JCAT), 10: 327, 1986

Barakos JA See Ralls PW Barakos JA; Jeffrey RB Jr; Federle MP; et al: CT in the management of periappendiceal abscess, (AJR), 146: 1161, 1966

Barash FS See Abramson SJ Barat J-L See Brendel AJ

Barat J-L; Brendel AJ; et al: quantitative analysis of left-ventricular function using gated single photon emission tomography, (Radiology), 158: 573, 1986

Barbaric Z See Holliday J Barbaric ZL See Curry NS

Barbaric ZL: percutaneous nephrostomy for urinary tract obstruction, (AJR), 143: 803, 1984 Barbaric ZL; Gomes AS; Deckard ME; et al: digital

subtraction angiography with an isocon camera system: clinical applications, (AJR), 142: 143, 1984

Barbaro NM See Badami JP Barbary J See Verco PW

Barbera J; Gonzalez-Darder J; Garcia-Vazquez F: intraradicular herniated lumbar disc. a case report, (Radiology), 153: 855, 1984 Barbier P See Becker CD

Barbier PA See Marincek B Barbour J See Feczko PJ

Barbour J See Feczko PJ
Barclay L; Zemcov A; Blass JP; et al: rates of
decrease of cerebral blood flow in progressive
dementias, (Radiology), 157: 855, 1985
Bard CC; Sylvestre JJ; Dussault RG hand
osteoarthropathy in pianists, (Radiology), 155:
272, 1085

273, 1985

Bard M See Laredo J-D Bardawil WA See Renigers SA Bardfeld PA; Harrison DA; Irwin GAL; Buetow G: detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, (Radiology), 150: 842,

Bardfeld PA; Harrison DA; Wasserstein G; Buetow G; Irwin GAL: detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, (Radiology), 150: 843, 1984 Baredes S See Silver AJ

Baredes S See Silver' AJ
Barek L; Orron D: non-Hodgkin's lymphoma
presenting as periampullary mass with
obstructive jaundice, (CT), 10: 89, 1986
Barge J See Chagnon SF
Barger SJ See Jeffree MA
Bargeron LM Jr See Diethelm E
Bargeron LM Jr See Soto B
Bargeron LM Jr See Soto B

Bargeron LM Jr See Soto B
Bargon G See Arlart IP
Bar-Joseph G; Galvis AG: perforation of the heart
by central venous catheters in infants:
guidelines to diagnosis and management,
(Radiology), 151: 263, 1984
Barker AF See Keller FS
Barker B See Crooks LE
Barker B See Fisher MR
Rarker CR See Balasom AN

Barker B See Fisher MR
Barker DJP See Balasem AN
Barker DJP See Cooper C
Barker F See Ginjaume M
Barkley HT Jr See Ito H
Barkovich AJ See Sobel DF
Barkovich AJ; Wippold FJ; Sherman JL; et al:
significance of cerebellar tonsillar position on
MR, (AJNR), 7: 795, 1986

Barlebo H See Jacobsen GK Barlebo H See Schultz HP

Barloon TJ; Franken EA: plasma electrolyte status after small-bowel enteroclysis, (AJR), 146: 323, 1986

Barlow B See Bass IS

DATION B See Bass 15
Bar-Maor JA; de Carvalho JLAF; Chappell J:
gastrografin treatment of intestinal obstruction
due to ascaris lumbricoides, (Radiology), 153:
850, 1984 Barmeir E See Kauzlaric D

Barmeir E See Kauzlaric D
Barner S See Holstege A
Barnes D See McCarthy SM
Barnes GT See McCarthy SM
Barnes GT See Chakraborty DP
Barnes GT See Paser RG
Barnes GT See Niklason LT
Barnes GT; Sones RA; Tesic MM: digital chest
radiography: performance evaluation of a
prototype unit. (Radiology), 154: 801, 1985
Barnes GT; Sones RA; Tesic MM; Morgan DR;
Sanders JN: detector for dual-energy digital
radiography (Radiology), 156: 537, 1985
Barnes L See Merwin WH Jr
Barnes PD: Lester PD; Vamanashi WS; et al:

Barnes PD; Lester PD; Yamanashi WS; et al:

magnetic resonance imaging in childhood intracranial masses, (Magn Res Imag), 4: 41, 1986 Barnes PD; Lester PD; Yamanashi WB; et al: magnetic resonance imaging in infants and children with spinal dysraphism, (AJNR), 7: 465, 1986

Barnes PD; Reynolds AF; Galloway DC; et al: digital myelography of spinal dysraphism in infancy: preliminary results, (AJNR), 5: 208, 1984

Barnes RW See Tisnado J Barnes WE See Freeman ML Barnett CA See Chen NS Barnett HJM See Pelz DM

Barnett HJM See Pelz DM
Barnett MJ, Zussman WV; granulocytic sarcoma of
the brain: case report and review of the
literature, (Radiology), 160: 223, 1986
Barnett P See Gonzalez RG
Barnett P See terPenning BJ
Barnett SE, critical parameters in pulsed ultrasound
exposures, (Ultrasound Med Biol), 12: 697, 1986
Barnett SM: CT findings in tuberculous
mediastinitis, (JCAT), 10: 165, 1986
Barnhatt HL, Bark RN; in fluence of paramagnetic

Barnhart JL, Berk RN: influence of paramagnetic ions and pH on proton NMR relaxation of biologic fluids, (Invest Radiol), 21: 132, 1986 Bar-On J See Fogelfeld L Baron M See Frederick HM

Barone CM See Balthazar EJ

Barone CM; Van Nutta FC; Kourides IA; et al: sonographic detection of fetal goiter, unusual cause of hydramnios, (J Ultrasound Med.), 4: 625, 1985

1985
Barr J See Tegtmeyer CJ
Barr M Jr See McLeary RD
Barr M Jr; Hanson JW; Currey K; et al:
holoprosencephaly in infants of diabetic
mothers, (Radiology), 150: 289, 1984

Barr P See Simon TR
Barraclough BM See Rastogi SC
Barragry TP; Blatchford JW III; Allen MJO; giant
gastric ulcers: review of 49 cases, (Radiology),
161: 282, 1986

Barral V See Garel L Barral VJ See Garel LA Barranger JA See Fink IJ

Barranger JA See Hill SC Barrattum GE; Koopman CF; Coulthard SW: retropharyngeal abscess. a ten year experience, (Radiology), 155: 282, 1985

Barret P See Dupas B
Barrett A See Depledge M
Barrett JM See Boehm FH Barricks ME See Sulonen JM

Barricks ME See Sulonen JM
Barriga P; Cruz F; Lepe V; et al:
ultrasonographically solid, tumor-like
appearance of echinococcal cysts in the liver,
(Radiology), 150: 615, 1984
Barron BJ; Dhekne RD: cold osteomyelitis:
radionuclide bone scan findings, (Radiology),
155: 277, 1985

Barron TF; Birnbaum NS; Shane LB; Goldsmith SJ; Rosen MJ: pneumocystis carinii pneumonia studied by gallium-67 scanning, (Radiology), 154: 791, 1985

134: 731, 1980
Barrow DI, Spector RH; Braun IF; et al:
classification and treatment of spontaneous
carotid-cavernous sinus fistulas, (Radiology),
158: 284, 1986

Barrs DM; Brackmann DE; Olson JE; et al: changing concepts of acoustic neuroma diagnosis, (Radiology), 157: 860, 1985

(Kadiology), 157: 800, 1905
Barrs DM; Luxford WM; Becker TS; et al: computed tomography with gas cisternography for detection of small acoustic tumors. a study of five false-positive results, (Radiology), 155: 555,

Barry TE See Poznanski AK Barry W See Perlmutt LM Barry WH See Bettmann MA Barry WH See Davis WL

Barss VA See Benacerraf BR Barta C See Lanzer P

Bartelink H See Schaake-Koning C
Barter SG; Hicks IP; Hartnell GG; et al: nuclear magnetic resonance imaging in the assessment of unusual abdominal aortic aneurysms, (Radiology), **158**: 286, 1986

Barter SJ; Cunningham DA; Lavender JP; et al: abnormal ventilation scans in middle-aged smokers. comparison with tests of overall lung function, (Radiology), 157: 848, 1985

Barth KH See Pien EH

Barth KH See Pien EH
Barth KH See Terry PB
Barth KH; Pahira JJ; Elliott LP: extracorporeal
shockwave lithotripsy: role of the radiologist,
(Radiology), 155: 835, 1985
Barth KH; Pahira JJ; Elliott LP: extracorporeal
shockwave lithotripsy: role of the radiologist:
reply, (Radiology), 158: 855, 1986
Barth MH See Roehm JOF JT
Barth RA See Williams RA
Barth RA; Mindell HJ: renal masses in the fetus and
neonate: ultrasonographic diagnosis. (Semin US)

neonate: ultrasonographic diagnosis, (Semin US CT MR), 5: 3, 1984

Barth RA; Teele RL; Colodny A; Retik A; Bauer S: asymptomatic scrotal masses in children, (Radiology), 152: 65, 1984

(Radiology), 152: 65, 1984

Barthelemy CR See Johansen JG

Barthelemy CR; Johansen J; Carrera GF; et al:
animal model for studying the chronic effects of
herniated disks and spinal surgery, (AJNR), 5:
67, 1984

Barthelemy CR; Nakayama DA; Carrera GF; et al: gouty arthritis: a prospective radiographic evaluation of sixty patients, (Radiology), 154: 556, 1985

Barthelemy CS See Collier BD Bartholomew LG See Wytock DH Bartholomew M See Stryker JA Bartholomew RM See Halpern SE

Barthouski HM See Brant-Zawadzki M Bartlett JG; O'Keefe P; Tally FP; et al: bacteriology of hospital-acquired pneumonia, (Radiology), 161: 283, 1986

Bartlett LJ; Pon M: high-resolution real-time ultrasonography of the submandibular salivary gland, (Radiology), 155: 859, 1985

Bartlett SW: influence of federal and state regulations on the acquisition and operation by hospitals of magnetic resonance imaging scanners, (Cardiovasc Intervent Radiol), 8: 394,

Bartol DT See Tisnado J Bartold K See Eggleston DE Bartold K See Fancher M

Bartold K. Fancher M; Abghari R: visualization of the left hepatic lobe during radioisotopic venography/lung imaging with technetium-99m MAA, (Clin Nucl Med), 11: 259, 1986

99m MAA, (Clin Nucl Med), 11: 259, 1986 Bartolomeo-De Iuri A See Tamburrini O Barton EJ; Sherwood T: video urodynamic studies and clinical outcome, (Radiology), 152: 550, 1984 Barton EJ; Whitaker RH: abnormal urethrogram in bulbar urethritis of male childhood, (Radiology), 152: 256, 1984 Barton SP; Black DR; Gaskell SA; et al: detection of the effects of low dose ionising irradiation on epidermal function, (Radiology), 156: 863, 1985

Bartram CI See Grant DS Bartram Cl See Grant DS

Bartram Cl; Thornton A: colonic polyp patterns in familial polyposis, (AJR), 142: 305, 1984

Bartrum RJ Jr; Crow HC: transillumination

lightscanning to diagnose breast cancer: a feasibility study, (AJR), 142: 409, 1984 Baruah K See Khatri BO

Barwick KW See Taylor KJW Barzilai A See Groshar D Barzilay J See Garty I Bar-Ziv J See Tal A Basarab RM See Kipper SL Basarab RM See Manni A Bascom PAJ; Cobbold RSC; Roelofs BHM:

Bascom PA); Cobboid RSC, Rocelofs Birlm:
influence of spectral broadening on continuous
wave Doppler ultrasound spectra: geometric
approach, (Ultrasound Med Biol), 12: 387, 1986
Bashist B See Nickoloff EL
Basic I See Milas L

Bass E See Colice GL Bass IS See Haller JO

Bass IS; Haller JO; Berdon WE; Barlow B; Carsen G; Khakoo Y: nasopharyngeal carcinoma: clinical and radiographic findings in children, (Radiology), 156: 651, 1985 Bass IS; Haller JO; Friedman AP; et al: sonographic

ass 15; Haller JO; Friedman AF; et al: sonographic appearance of the hemorrhagic ovarian cyst in adolescents, (J Ultrasound Med), 3: 509, 1984
 Bass IS; Haller JO; Friedman AP; et al: sonographic appearance of the hemorrhagic ovarian cyst in adolescents, (Radiology), 156: 275, 1985

JL See Di Segni E onowitz F Bass IL See Salon Bass NM See Stark DD

Bass NM See Stark DD
Bass NM; Chapman RW; O'Reilly A; et al: primary sclerosing cholangitis associated with angioimmunoblastic tymphadenopathy, (Radiology), 151: 545, 1984
Bass RM See Hopla DM
Bass S; Connon JJ; Ho CS: biliary tree in cystic fibrosis: biliary tract abnormalities in cystic fibrosis demonstrated by endoscopic retrograde cholangiography, (Radiology), 151: 258, 1984
Bassan DA See Prasad SC

Bassano DA See Prasad SC Basset A See Van Der Merwe PL Bassett L See Holliday J Bassett L See Kimme-Smith C Bassett LW See Dawson EG Bassett LW See Gold RH Bassett LW See Kagan AR Bassett LW See Reicher MA

Bassett LW; Bunnell DH; Cerny JA; et al: screening mammography: referral practices of Los Angeles physicians, (AJR), 147: 689, 1986

physicians, (AJK), 147: 689, 1986
Bassett LW, Loftus AA, Mankovich NJ: computerprocessed subtraction arthrography,
(Radiology), 157: 821, 1985
Bassiony H See Fataar S
Bassuk A See Krause LM

Basu AK See Padhy AK
Batata M See Whitmore WF Jr
Bateman BG See Nunley WC Jr
Bateman JE See Ott RJ

Bateman JE See Vaughan ATM
Bates ER; Sorkin RP: echocardiographic diagnosis of
flail anterior leaflet in tricuspid endocarditis,
(Radiology). 151: 558, 1984

(Kadiology), 151: 598, 1984 Bates ER; Vogel RA: coronary artery steal: demonstration by digital coronary radiography, (Radiology), 154: 61, 1985 Bateson EM: tuberculosis in the Aboriginal: radiological perspective, (Australas Radiol), 30: 63, 1986

Bathurst N; Sanerkin N; Watt I: osteoclast-rich osteosarcoma, (Br J Radiol), 59: 667, 1986 Batist G See Wenzel DJ Batman P See Saverymuttu SH

Batnitzky S See Price HI Batnitzky S See Segall HD

Batnitzky S See Segali HD
Batnitzky S See Templeton AW
Batnitzky S; Segali HD; Cohen ME: radiologic
guidelines in assessing children with
intracranial tumors, (Radiology), 159: 288, 1986
Batra P See Wallace JM
Batsakis JG See Finn DG
Batsakis JG See Spitz MR

Batsakis JG; Luna MA; Byers RM: metastases to the larynx, (Radiology), 159: 823, 1986

Batt HD See Beerman R Battafarano NJ See Moreno AJ Batterman HI See LeVeen RF Batty V See Ott RJ

Baud M See Berthout P
Bauer AR Jr; Yutani D: computed tomographic localization of wooden foreign bodies in children's extremities, (Radiology), 151: 549, 1984

Bauer M See Perez CA

Bauer M See Perez CA
Bauer M See Vogl TH
Bauer M; Leibel S; Wasserman T; et al: effect of
misonidazole dose on survival in patients with
stage IIIB-IVA squamous cell carcinoma of the
uterine cervix: RTOG randomized trial, (Int J
Radiat Oncol Biol Phys), 12: 1101, 1986

Bauer S See Barth RA

Bauer WM; Obermuller H; Vogl T; et al: magnetic resonance imaging in cerebral alveolar echinococcus (case report), (Radiology), 155:

m G: comparison of the performance of commercial ultrasound breast scanners versus a laboratory instrument, (Radiology), 152: 268,

Baum JD See Fletcher EWL Baum JK See Fox S Baum S See Lear JL Baum S See Wolf GL

Baum S See Wolf GL Baum S; Gooding GAW; Ravin CE; Stewart ET; Weissman BB; Reuter SR: image interpretation session, (Radiographics), 6: 925, 1986 Bauman J See Bursztyn EM

Bauman JM See Hartshorne MF Bauman JM See Telepak RJ Bauman JM; Boykin M; Hartshorne MF; et al: 'halo" sign on indium-111 leukocyte scan in gangrenous cholecystitis, (Clin Nucl Med), 11: gangreno 136, 1986

Bauman IM; Hartshorne MF; Cawthon MA; et al: false-positive leukocyte imaging: case of col-carcinoma, (Clin Nucl Med), 11: 211, 1986

carcinoma, (Clin Nucl Med.), TI: 211, 1986
Bauman JM; Landry AJ; Cawthon MA;
Hartshorne MF: indium-111 labeled leukocyte
uptake: false-positive results in noninfected
pseudoaneurysms, (Radiology), 161: 570, 1986
Bauman JM; Middaugh RE; Cawthon MA; et al:
radionuclide-anesthetic flow study: new
technique for the study of regional anesthesia, (J
Nucl Med), 27: 1487, 1986

Nucl Med), 27: 1487, 1986

Bauman JM, Osenbach R; Hartshorne MF; et al:
positive indium-111 leukocyte scan in nocardia
brain abscess, (J Nucl Med), 27: 60, 1986

Bauman JS See Balthazar EJ

Bauman RA: automation of film library functions,
(Radiol Clin North Am), 24: 11, 1986

Bauman RA: registration and scheduling processes,
(Radiol Clin North Am), 24: 5, 1986

Bauman RA; Lodwick GS; Taveras JM: digital
computer in medical imaging: a critical review,

computer in medical imaging: a critical review, (Radiology), 153: 73, 1984 Baumgart S See Malin SW

Baumgarten K See Klingmuller V
Baumgartner BR See Bernardino ME
Baumgartner BR See Nadel L

Baumgartner BR See Nadel L
Baumgartner BR See Perkerson RB Jr
Baumgartner BR See Perkerson RB Jr
Baumstark A; Swensson RG; Hessel SJ; et al:
evaluating the radiographic assessment of
pulmonary venous hypertension in chronic
heart disease, (AJR), 142: 877, 1984
Baunsgaard P; Lontoft E; Sorensen M: calcifying
epithelial odontogenic tumor (Pindborg tumo
an unusual case, (Radiology), 151: 269, 1984
Baur HR See Probst P
Bautryich GI See Singer I

Bautovich GJ See Singer I Baverstock KF; Ash PIND: review of radiation

accidents involving whole body exposure and the relevance to the LD<sub>20/60</sub> for man, (Radiology), 152: 567, 1984

Bay N See Rockwood EJ

Bayard WJ See Pozniak M

Bayer MF See McDougall IR Bayless TM See Cockey BM

Bayless TM See Cockey BM
Bayless TM See Jones B
Bayley TA See Leekam RN
Baylink DJ See Schulz EE
Bayne O; Rang M: medial dislocation of the radial
head following breech delivery: a case report
and review of the literature, (Radiology), 155:
277, 1985

Bayrd I See Ringden O Bazaz R See Berry M Bazzocchi M See Dalla-Palma L Bazzocchi M See Solbiati L Beabout JW See Cooper KL Beabout JW See Schreiman JS

Beabout JW; Linscheid RL: total joint arthroplasty of hands and wrists, (Semin Roentgenol), 21: 84,

Beach JL See Maruyama Y Beach Jl. See Maruyama Y Beachley MC See Bundrick TJ Beachley MC See Cho S-R Beachley MC See Tisnado J Beale G: female micturition, (Radiology), 155: 272,

Beale SM See Haaga JR Beall M See Westgren M Bean WJ See Mullin DM

Bean WJ; Daughtry JD; Rodan BA; et al: ultrasonic lithortripsy of retained common-bile-duct stone, (AJR), 144: 1275, 1985

Ream WJ; Rodan BA; hepatic cysts: treatment with alcohol, (AJR), 144: 237, 1985

Bean WJ; Rodan BA; Thebaut AL: Leriche syndrome: treatment with streptokinase and angioplasty, (AJR), 144: 1285, 1985

Beaney RP: positron emission tomography in the study of human tumors, (Semin Nucl Med), 14: 324, 1984

Beard JO See Seltzer SE

Bearden FH See Haacke EM Beardsley TL; Brown SVL; Sydnor CF; et al: eleven cases of sarcoidosis of the optic nerve, (Radiology), 152: 854, 1984

Bearzi I See Graziani L

Beatty RM; Winston KR: spontaneous cervical

Beatty RM; Winston KR: spontaneous cervical epidural hematoma. consideration of etiology, (Radiology), 154: 855, 1985

Beauchamp G See Taillefer R

Beaufort F See Kopp W

Beaufort F See Katamberger H

Beaumier PL; See Larson SM

Beaumier PL; Neuzil D; Yang HM; et al: immunoreactivity assay for labeled antimelanoma moncolonal antibodies, (J Nucl Med), 27: 824, 1986

Beaver HA See Crane IP

27: 824, 1986

Bever HA See Crane JP

Bever HA See Crane JP

Bever P; Adam P; Mathis A; et al: optic nerve head drusen. high-resolution computed tomographic approach, (Radiology), 154: 280, 1985

Becciolini A; Cremonini D; Fabbrica D; et al: cell proliferation and differentiation in the small intestine after irradiation with multiple fractions, (Acta Radiol [Oncol]), 25: 51, 1986

Bechtel W See Woods DM

Bechtel W; Wright KC; Wallace S; Moiser B; Mosier D; Mir S; Kudo S: experimental evaluation of microcapsules for arterial chemoembolization, (Radiology), 161: 601, 1986

Bechtel W] See Carrasco CH

Bechtel W See Kudo S

Bechtel WJ See Kudo S Bechtel WJ See Wallace S Bechtold R See Dyer RB

Bechtold R See Dyer RD

Bechtold RE: pelvic and acetabular fractures,
(Radiology), 161: 814, 1986

Bechtold RE; Karstaedt N; Wolfman NT; et al:

prolonged hepatic enhancement on computed tomography in a case of hepatic lymphoma, (JCAT), 9: 186, 1985

(JCAT), 9: 186, 1985
Bechtold RE; Wolfman NT: real-time sonography,
(Radiology), 154: 506, 1985
Bechtold RE; Wolfman NT; Karstaedt N;
Choplin RH: superior vena caval obstruction:
detection using CT, (Radiology), 157: 485, 1985
Beck DO; Corbett JJ: seizures due to central nervous
system rheumatoid meningovasculitis,
(Radiology), 151: 551, 1984
Beck EA See Burk DL Jr
Beck GJ See Jeanty P
Becker A See Dawson P

Becker A See Dawson P Becker CD See Marincek B

Becker CD See Terrier F Becker CD; Barbier P; Porcellini B: CT evaluation of

Becker CD; Barbier P; Porcellini B: CT evaluation of patients undergoing transhiatal esophagectomy for cancer, (ICAT), 10: 607, 1986
Becker CD; Burckhardt B; Terrier F: ultrasound in postoperative acalculous cholecystitis, (Castrointest Radiol), 11: 47, 1986
Becker CD; Hassler H; Terrier F: preoperative diagnosis of the Mirizzi syndrome: limitations of sonography and computed tomography, (AJR), 143: 591, 1984
Becker DV; Braverman LE; Dunn IT: et al; use of

Becker DV; Braverman LE; Dunn JT; et al: use of iodine as a thyroidal blocking agent in the event of a reactor accident. report of the Environmental Hazards Committee of the American Thyroid Association, (Radiology), 155: 286, 1985

286, 1985 Becker GJ See Benenati JF Becker GJ See Boyko OB Becker GJ See Hicks ME Becker GJ See Lackson VP Becker GJ See Clarte EC Becker GI See Olson MA Becker GJ See Rowe DM

Δ

6

Becker GJ See Rowe DM

Becker GJ: interventional radiology: challenges and initiatives, (Radiology), 161: 562, 1986

Becker GJ: hitcks ME; Holden RW; Edwards MK; Jackson VP; Bendick PJ: screening for occlusive vascular disease with intraarterial DSA: preliminary experience with a high flow 4-F catheter, (Radiology), 153: 823, 1984

Becker GJ; Kreipke DL; Holden RW; et al: intracoronary administration of streptokinase in a canine model: disturbances in thromboxane

A<sub>2</sub>-prostacyclin balance, (Invest Radiol), **21**: 206, 1986

Becker GJ; Wenker JC; Rees CR; Reilly MK; Bendick PJ; Cockerill EM: percutaneous transluminal angioplasty and valvectomy in a failing in situ saphenous graft, (Radiology), 159: 431, 1986

Becker JA See Schaffer RM Becker JA See Schwartz G Becker JM See Hillard AE

Becker LC See Melin JA Becker LE See Gogel HK Becker LE See Williams AG Jr Becker S See Whaley D

Becker TS See Barrs DM Becker TS See Schatz CJ

Becker T5; Eisenberg L5; Luxford WM; et al: labyrinthine ossification secondary to childhood bacterial meningitis: implications for cochlear implant surgery, (AJNR), 5: 739, 1984

Becker W; Fischbach W; Reiners C; et al: three-phase white blood cell scan: diagnostic validity in abdominal inflammatory diseases, (J Nucl

Becker W; Martin A; Uhlenbrock D: cerebral complications during late gestoses: CT demonstration, (Radiology), 151: 825, 1984

Beckett C See Rao AK Beckett WC See Crawford ES

Beckman C RB: Thomason JL: Sampson MB: et al: ultrasonic confirmation of a thigh abscess, (Radiology). 136: 569, 1985 Beckman I See Lupetin AR Beckman I See Sefczek RJ

Beckman I See Sefczek RJ
Beckmann CF See Reagan K
Beckmann CF; Roth RA: use of retrograde occlusion
balloon catheters in percutaneous removal of
renal calculi, (Radiology), 156: 566, 1985
Beckmann CF; Roth RA; Luedke MD: upper and
midureteral calculi: percutaneous extraction
with an occlusion balloon catheter, (Radiology),
159: 643, 1986

dard MP See Slovis TL

Bedell JE; Keller FS; Rosch J: iatrogenic intrahepatic arterial-portal fistula, (Radiology), 151: 79, 1984

Bedford JS See Zeman EM Bedi DG See Kumar R Bedi DG See Winsett MZ

Bedi DG; Fagan CJ; Nocera RM: chronic ectopic pregnancy, (Radiology), 155: 285, 1985 Bedi DG; Salmon A; Winsett MZ; et al: ruptured uterus: sonographic diagnosis, (JCU), 14: 529, 1986

Bednarek DR See Kaczmarek RG Bednarek DR; Rudin S; Wong R; et al: reduction of fluoroscopic exposure for the air contrast barium enema, (Radiology), 153: 561, 1984

Bednarkiewicz M See Schneider P-A
Bedont R; Cook P; Taylor A Jr; Raabe R: diuretic
radionuclide renography to evaluate suspected
ureteral obstruction on bone scans, (Radiology),
153: 825, 1984

Bedont RA; Datz FL: lung scan perfusion defects limited to matching pleural effusions: low probability of pulmonary embolism, (AJR), 145: 1155, 1985

Bedou GL See Borne GM Bedrossian J See Raynaud A Bedwinek J See Stokes S Bedwinek JM See Brady LW

Beekman R See Unger FM

Beerman R; Batt HD; Green BA: lumbar vertebral
reformation after traumatic compression
fracture, (AJNR), 6: 455, 1985

Beers GJ; Carter AP; Leiter BE; et al: interobserver discrepancies in distance measurements from lumbar spine CT scans, (AJNR), 5: 787, 1984 Beers GJ; Carter AP; Leiter BE; et al: interobserver

discrepancies in distance measurements from lumbar spine CT scans, (AJR), 144: 395, 1985 Beers GJ; Carter AP; McNary WF: vertical foramina in the lumbosacral region: CT appearance, (AJNR), 5: 617, 1984

Beers GJ; Carter AP; Ordia JI; et al: sinus pericranii with dural venous lakes, (AJNR), 5: 629, 1984

Beers GJ; Manson J; Carter AP; et al: intracranial histiocytosis X: case report, (CT), 10: 237, 1986 Beeton S See Adam A Begent RHJ See Athanassiou AA

Begg A See Stewart F Begg CB See Cain KC Begg CB See Gray R

Begg CB See Greenes RA

Beggs I: radiology of hydatid disease, (AJR), 145: 639, 1985

Begin LR See Zlatkin MB

Begin R, Bisson G; Lambert R; et al: gallium-67 uptake in the lung of asbestos exposed sheep: early association with enhanced macrophage-derived fibronectin accumulation, (J Nucl Med), 27: 538, 1986 Behan M See Stack J

Behari V See Prakash R Behama R; Williams G; Gerlis L; et al: lipoma of the mitral valve and papillary muscle, (Radiology), 151: 262, 1984

Behnke EE, Schindler RA: dermoid of the petrous apex, (Radiology), 155: 281, 1985 Beierwaltes WH See Lynn MD Beierwaltes WH See Sisson JC

Beierwaltes WH; Rabbani R; Dmuchowski C; et al: analysis of "ablation of thyroid remnants" with I-131 in 511 patients from 1947-1984: experience at University of Michigan, (Radiology), 158: 573,

1986
Beighton P; Cremin B; Faure C; et al: international
nomenclature of constitutional diseases of bone,
(Radiology), 151: 820, 1984
Beighton P; Kozlowski K; Gericke G; et al:
spondylo-epimetaphyseal dysplasia with joint
laxity and severe progressive kyphoscoliosis,
(Radiology), 152: 551, 1984

Beighton P; Spranger J; Versveld G: skeletal complications in osteogenesis imperfecta. a review of 153 South African patients, (Radiology), 151: 820, 1984

Beitler JC; Sigel B; Machi J; et al: effects of temperature on blood flow ultrasonic echogenicity in vitro, (Radiology), 153: 280,

Beitzke A; Stein J: pseudo-widening of cranial sutures as a feature of long-term prostaglandin E<sub>1</sub> therapy, (Pediatr Radiol), 16: 57, 1986

El merapy, (recuair Radiol), 16: 57, 1986
Bekemeyer WB, Crapo RO; Calhoon S; et al:
efficacy of chest radiography in a respiratory
intensive care unit: prospective study,
(Radiology), 159: 620, 1986
Bekerman C See Pera A
Bekerman C See Walsh TJ

Bekerman C; Hoffer PB; Bitran JD: role of gallium-67 in the clinical evaluation of cancer, (Semin Nucl Med), 14: 296, 1984

Bekerman C; Pavel DG; Bitran JD; et al: effects of inadvertent administration of antineoplastic agents prior to Ga-67 injection: concise communication, (Radiology), 154: 285, 1985

Bekerman C; Szidon JP; Pinsky S: role of gallium-67 in the clinical evaluation of sarcoidosis, (Semin Roentgenol), 20: 400, 1985

Bekhti A; Nizet M: radiological changes under effect of mebendazole on univesicular hydatid cysts in the liver and lung, (Eur J Radiol), 6: 156, 1986

1986
Belbeck LW See Nahmias C
Belchetz PE See Morewood DJW
Belcourt CL; Roy DL; Nanton MA; Finley JP;
Gillis DA; Krause VW; Aterman K: stenos
individual pulmonary veins: radiologic
findings, (Radiology), 161: 109, 1986
Belenky W See Slovis TL

Belfar HI, Kurtz AB; Wapner RJ: long-term follow-up after removal of an abdominal pregnancy: ultrasound evaluation of the involuting placenta. (J Ultrasound Med), 5: 521, 1986

placenta, () Ultrasound Med), 5: 521, 1986 Belghit J See Menu Y Belgrano E See Puppo P Belgrano E; Puppo P; Quattrini S; et al: percutaneous temporary embolization of the internal pudendal arteries in idiopathic priapism: 2 additional cases, (Radiology), 153: 848, 1984

Belkaid D See Froment JC Bell BA See MacDonald HL Bell G See Swartz ID

Bell JM; Glatthar L; Stoddart PGP; et al: comparison of two high-density barium sulphate preparations for double-contrast barium meals, (Radiology), 156: 265, 1985

Bell KA See Merritt CRB Bell R See Foley WD

Bell KS; Ha'eri GB; Goodman SB; et al: case report 246: osteolysis of the ileum associated with a loose acetabular cup following total hip arthroplasty, secondary to foreign body reaction to polyethylene and methyl methacrylate, (Radiology), 153: 52, 1984

Bell WE See Dunn V

Bellamy EA See Husband JE Bellamy EA See Kissin CM

Bellamy EA; Husband JE; Blaquiere RM; Law MR: bleomycin-related lung damage: CT evidence, (Radiology), 156: 155, 1985

Bellamy EA; Meller 9; Westbury G; et al: CT demonstration of calcified subcutaneous mass following parenteral pentamidine isethionate injection. (JCAT), 9: 210, 1985

Bellamy GR, Yiannikas J; Detrano R; Simpfendorfer C; Salcedo EE: detection of multivessel disease after myocardial infarction usign intravenous stress digital subtraction angiography, (Radiology), 161: 685, 1986

Belldegrun A See Hussain S Bellegotti L See Severini A

Belli A; Renton P; Stoker DJ: comparative study of iohexol and meglumine iothalamate in double-contrast knee arthrography, (Radiology), 155:

Bellinger MF See Gross GW Bellinger MF; Purohit GS; Duckett JW; et al: lacuna magna: a hidden cause of dysuria and bloody spotting in boys, (Radiology), 150: 290, 1984

Bellinghausen HW See Conway WF Bello JA See Dee GJ Bellocci M See Ippolito E Belloir A See Weill FS Bellomi M See Severini A Bellon EM See Shah ZR

Bellon EM See Vibhakar SD Bellon EM See Yagan R Bellotti E See Solbiati L Bellotti M See Nicolini U

elman AB See Majd M Belsky MR See Ruby LK Belt TG; Cohen MD: metrizamide evaluation of the esophagus in infants, (AJR), 143; 367, 1984

Belt TG; Cohen MD; Smith JA; et al: MRI of Wilms tumor: promise as the primary imaging method, (AIR), 146: 955, 1986

Beltran I See Noto AM Beltran J See Simon DC Beltran J See Weiss KL

Beltran J See Weiss KL Beltran J; Gray LA; Bools JC; Zuelzer WA; Weis LD; Unverferth LJ: rotator cuff lesions of the shoulder: evaluation by direct sagittal CT arthrography. (Radiology), 160: 161, 1986 Beltran J; Noto AM; Herman LJ; Mosure JC; Burk JM; Christoforidis AJ; joint effusions: MR imaging, (Radiology), 158: 133, 1986

imaging, (Kadiology), 158: 135, 1986
Beltran J; Noto AM; Mosure JC; Bools JC;
Zuelzer WA; Christoforidis AJ; meniscal tears:
MR demonstration of experimentally produced
injuries, (Radiology), 158: 691, 1986
Beltran J; Noto AM; Mosure JC; Shamam OM;
Weiss KL; Zuelzer WA: ankle: surface coil MR
imaging at 1.5 T, (Radiology), 161: 203, 1986

Beltran J; Noto AM; Mosure JC; Weiss KL; Zuelzer WA; Christoforidis AJ: knee: surface-coil MR imaging at 1.5 T, (Radiology), 159: 747,

Beltran J; Simon DC; Levy M; Herman LJ; Weis LD; Mueller CF: aneurysmal bone cysts: MR imaging at 1.5 T, (Radiology), 158: 689, 1986

Beluffi G See Kozlowski K Beluffi G; Bertolotti P; Mietta A; et al: primary leiomyosarcoma of the lung in a girl, (Pediatr Radiol), 16: 240, 1986

Beluffi G; Chirico G; Colombo A; et al: report of a new case of neonatal cortical hyperostosis. histological and ultrastructural study, (Radiology), 153: 567, 1984

Benacerraf BR See Birnholz JC Benacerraf BR See Greene MF

Benacerraf BR; Frigoletto FD Jr: amniocentesis under continuous ultrasound guidance: a series of 232 cases, (Radiology), 152: 865, 1984

Benacerraf BR; Frigoletto FD Jr: prenatal ultrasound diagnosis of clubfoot, (Radiology), 155: 211, 1985

Benacerraf BR; Frigoletto FD Jr; Bieber FR: fetal face: ultrasound examination, (Radiology), 153: 495, 1984

Benacerraf BR; Frigoletto FD Jr; Greene MF: abnormal facial features and extremities in human trisomy syndromes: prenatal US appearance, (Radiology), 159: 243, 1986

diaphragmatic hernia: US diagnosis prior to 22 weeks gestation, (Radiology), 158: 809, 1986

Benaceraf BR; Greene MF; Barss VA: prenatal sonographic diagnosis of congenital hemivertebra, (J Ultrasound Med), 5: 257, 1986

Benacerraf BR; Rinehart JS; Schiff I: sonographic diagnosis of simultaneous intrauterine and ectopic pregnancy, (J Ultrasound Med), 4: 321, 1985

Ben-Ami M See Shalev E Ben-Ami T See Wood BP

Ben-Ami T: sonographic evaluation of urinary tract infections in children, (Semin US CT MR), 5: 19,

Ben-Arveh H See Kuten A

Benator RM; Magill HL; Gerald B; et al: herpes simplex encephalitis: CT findings in the neonate and young infant, (AJNR), 6: 539, 1985

ben-Avi DD See Ferris EJ Benazzo F See Pazzaglia UE

Bendall MR; Connelly A; McKendry JM: elimination of coupling between cylindrical transmit coils and surface-receive coils for in vivo NMR, (Magn Res Med), 3: 157, 1986

Bendel W See Lund G Bender A See Bradac GB Bender CE See LeRoy AJ Bender CE See MacCarty RL

Bender CE See May GR Bender GN: radiology in Papua New Guinea, (Radiology), 153: 835, 1984

Bendick PJ See Becker GJ Bendick PJ See Glover JL

Bendick PJ See Hicks ME

Bendick PJ See Jackson VP

Bendick FJ: Glover IL; Dilley RS: transcutaneous detection of subcritical arterial stenoses by Doppler signal spectrum analysis, (Radiology), 152: 868, 1984

Bendl B See Lewall DB

Bendriem B; Soussaline F; Campagnolo R; et al: technique for the correction of scattered radiation in a PET system using time-of-flight information, (JCAT), 10: 287, 1986

Benedetto AR See Lecklitner ML nedetto AR: radiation and life. 2d ed., (Radiology), 158: 50, 1986 Benedetto AR: radiation protection in the radiologic and health sciences. 2d ed., (Radiology), 157: 822, 1985

nenati JF; Becker GJ; Mail JT; et al: digital subtraction venography in central venous obstruction, (AJR), 147: 685, 1986

Beneventano TC See Frager DH Beneventano TC See Keats TE Beneventano TC See Wolf EL Benge C See Herring MB

Benghiat A; Tyrrell CJ; Davidson HE; et al: results of treatment of primary breast carcinoma by radical radiotherapy with artificial pneumothorax, (Clin Radiol), 37: 313, 1986 Bengtsson A-M See Sundrehagen E

Benhamou M See Sellier N

Benini F See Zorzi C Benito F See Oliver J Benjamin B See Henry RL

Benjamin B: congenital laryngeal webs, (Radiology), 151: 822, 1984

Benjamin B; Carter P: congenital laryngeal hemangioma, (Radiology), 151: 822, 1984 Benjamin B; O'Donnell JK; Hancock J; et al:

Benjamin B; O'Donnell JK; Hancock J; et al: prolonged radionuclide transit in "nutracker esophagus", (Radiology), 151: 835, 1984 Benjamin DS See Gibkrand JW Benjamin IS See Gibson RN Benjamin M See Hudson TM Benjamin MY See Braun IF Benjamin P See Meltzer RS

Benjamin SB See Brody JM Benjamin SB See Curtis DJ Benjamin SB See Pien EH Benjamin V See Firooznia H

Benjelloun H; Itti R; Lorgeron JM; et al: negative lung thallium—201 uptake in right ventricular infarction, (Radiology), 153: 281, 1984

Benmair J See Glaser B Benmair J See Lanir A Ben-Menachem Y See Fields WS Benmussa M See Detraux P Benness GT See Evill CA

Bennet J: trial of iopamidol for angiocardiography in infants, (Radiology), 152: 845, 1984 Bennett FC See TeKolste KA

Bennett LL; Lesar MSL; Tellis CJ: multiple calcified

Bennett LI; Lesar MSL; Tellis CJ; multiple calcitichordrohamartomas of the lung; CT appearance, (JCAT), 9: 180, 1985
Bennett LN; Voegeli DR; Crummy AB;
McDermott JC; Jensen SR; Sollinger HW: urologic complications following renal transplantation: role of interventional radiologic procedures, (Radiology), 160: 531, 1064. 1986

Bennett SJ See Goldenberg DM Bennett V See Pickoff AS Bennett WF See Blumenkopf B Bennett WF See Kyser PL Bennett WF See Ramirez H Jr Bennett WF See Walker MD

Bennhoff DF: actinomycosis: diagnostic and therapeutic considerations and a review of 32 cases, (Radiology), 156: 280, 1985

Benoist M See Beraneck L Benozio M See Bercoff E

Bensimon C See Dirheimer Y Benson CB; Doubilet PM; Saltzman DH; et al: Benson CB; Doubilet PM; Saltzman DH; et al: femur length /abdominal circumference ratio: poor predictor of macrosomic fetuses in diabetic mothers, (J Ultrasound Med), 5: 141, 1986 Benson CB; Doubilet PM; Saltzman DH: intrauterine growth retardation: predictive value of US criteria for antenatal diagnosis, (Radiology), 160: 415, 1986 Benson D Fee McGahan JP Benson DF See McGahan JP

son DM; Waldroup LD; Kurtz AB; et al: ultrasonic tissue characterization of fetal lung, liver, and placenta for the purpose of assessing fetal maturity, (Radiology), 152: 866, 1984 Benson JE See Han JS

nson JE; Goske MJ; Han JS; et al: primary osteogenic sarcoma of the calvaria, (AJNR), 5: 810, 1984

510, 1764 soon KH; Watson RA; Deshon GE Jr; et al: fractured catheter: unusual complication of percutaneous nephrostomy, (Radiology), 150: 858, 1984

Benson L See Larsson SG

Benson L See Larsson SG
Benson M; Bree RL; Schwab RE; Ouimette M:
computed tomographic studies of the painful
abdomen, (Radiology), 155: 443, 1985
Benson RC See LeRoy AJ
Benson RC Jr See Brindle JS
Benson RC Jr See Brindle JS
Benson RC Jr See LeRoy AJ
Bentley E; Chandrasoma P; Cohen H; et al: colitis
cystica profunda: presenting with complete
intestinal obstruction and recurrence,
(Radiology), 160: 284, 1986
Bentson JR See Feurerman TF
Bentson JR See Feurerman TF
Bentson JR See Horowitz SL

Bentson JR See Horowitz SL Bentson JR See Reicher MA

Benua RS See Lisann NM

Benz UF See Nidecker AC Benz-Bohm G; Emons D; Schickendantz S; et al: cortical hyperostosis caused by longterm prostaglandin E<sub>2</sub> therapy, (Radiology), **153**: 275, 1984

Benzel EC See Mirfakhraee M

Benzel E.C. See Mirrakhraee M Beppu S; Minura Y; Sakakibara H; et al: supravalvular aortic stenosis and coronary ostial stenosis in familial hypercholesterolemia: two-dimensional echocardiographic assessment, (Radiology), 151: 273, 1984

Beraneck L; Kaplan G; Benoist M; et al: multiple hyperostosis with unilateral sacro-ilitis—a new spondyloarthropathy, (Radiology), 155: 856, 1985

Berbaum K See Smith WL Berbaum KS See Franken EA Jr Berbaum KS See Smoker WRK

Berbaum KS; Franken EA Jr; Dorfman DD; et al: tentative diagnoses facilitate the detection of diverse lesions in chest radiographs, (Invest Radiol), 21: 532, 1986

Berbaum KS; Smoker WRK; Smith WL: measurement and prediction of diagnostic performance during radiology training, (AJR), 145: 1305, 1985 Berberich R See Eisenhut M

Berberich R See Eisenhut M
Berci G; Hamlin JA; Grundfest WS: combined
fluoroendoscopic removal of retained biliary
stones, (Radiology), 152: 847, 1984
Bercoff E; Colin R; Benozio M; Janvresse A;
Berland J; Fillastre J-P: infrahepatic
interruption of the inferior vena cava with
portal continuation, (Radiology), 154: 771, 1985
Bercu BB See Shulman DI

Berdicevsky I See Kuten A Berdon WE See Abramson SJ Berdon WE See Amodio JB Berdon WE See Bass IS Berdon WE See Grandone CH

Berdon WE See Levy J Berdon WE See Singson RD

Berdon WE See Singson RD
Berdon WE: current concepts in the management of neonatal ICU patients with pulmonary hypertension and localized barotrauma, (Radiology), 158: 493, 1986
Berdon WE; Baker DH; Wung J-T; Chrispin A; Kozlowski K; de Silva M; Bales P; Alford BA: complete cartilage-ring tracheal stenosis associated with anomalous left pulmonary artery; the ring-sling complex, (Radiology), 152: 57, 1984

Berdon WE; Dee G; Abramson SJ; Altman RP; Wung J-T: bronchial obstruction sign, (Radiology), 150: 691, 1984 Berenberg A See Doubilet PM

Berenberg A See McNeil BJ Berens SV See Lester JW Jr Berenstein A See Lasjaunias F Berenstein A See Schonfeld SM Berenstein A See Scott JA

Berenstein A; Scott J; Choi IS; et al: percutaneous embolization of arteriovenous fistulas of the external carotid artery, (AJNR), 7: 937, 1986

Beres J See Foley WD
Beres J; Pech P; Berns TF; et al: spinal epidural lymphomas: CT features in seven patients, (AJNR), 7: 327, 1986

Beretsky I See Greenblatt AM Berg BO See McMurdo SK Jr

Berg D See Schon HR Berg T See Curtis DJ

Berg-Dammer E See Ringelstein EB Berger AS See Swartz JD

Berger E; Williams DO; Reinert S; et al: sustained efficacy of percutaneous transluminal coronary angioplasty, (Radiology), 161: 285, 1986

angioplasty, (Radiology), 161: 285, 1986
Berger G See Naiberg J
Berger G; Hawke M; Johnson A; et al:
histopathology of the temporal bone in
osteogenesis imperfect a congenita: report of 5
cases, (Radiology), 157: 857, 1985
Berger HJ See Fajman WA
Berger JR See Kelly RE
Berger M See Gallerstein PE
Berger M See Gallerstein PE

Berger M See Gallerstein PE
Berger MS See Gooding GAW
Berger MS; Edwards MSB; Wara WM; et al: primary
cerebral neuroblastoma. long-term follow-up
review and therapeutic guidelines, (Radiology),
152: 557, 1984
Berger MS; Wilson CB: epidermoid cysts of the
posterior fossa, (Radiology), 158: 284, 1986
Berger MS; Wilson CB: intracranial dissecting
annuryms of the posterior circulation report of

aneurysms of the posterior circulation, report of six cases and review of the literature, (Radiology), 157: 571, 1985

Berger P See Wood BP Berger PE; Atkinson D; Wilson WJ; Wiltse L: high resolution surface coil magnetic resonance imaging of the spine: normal and pathologic anatomy, (Radiographics), 6: 573, 1986 Berger RA See El-Khoury GY Berger RB See Breisblatt WM

Berger T; Sorensen R; Konrad J: aortic rupture: complication of transluminal angioplasty, (AJR), 146: 373, 1986 Bergeron RT See Reede DL Bergeron RT See Som PM Bergeron RT See Whelan MA Berges O: Vignaud J: Aubin ML: comparison of sonography and computed tomography in the study of orbital space-occupying lesions, (AJNR), 5: 247, 1984 Bergey P See Makler PT Bergin CJ See Muller NL Bergin CI See Scott I Bergin CJ, Sudler NL; CT in the diagnosis of interstitial lung disease, (AJR), 145: 505, 1985Bergin CJ; Muller NL; Nichols DM; et al: diagnosis of emphysema: computed tomographic-pathologic correlation, (Radiology), 160: 856, 1986 Bergin CJ; Muller NL; Vedal S; et al: CT in silicosis: correlation with plain films and pulmonary function tests, (AJR), 146: 477, 1986 Berglund LG See Adair ER Bergman B See Tomic R Bergman EW Ir See Shinnar S Bergman I See Varma RR pergman I See Varma RR
Bergman I: questions concerning safety and use of cranial ultrasonography in the neonate, (Radiology), 152: 846, 1984
Bergman I; Walda ER; Meyer JD; et al: epidural abscess and vertebral osteomyelitis following serial lumbar punctures, (Radiology), 152: 254, 1984 Bergot C See Laval-Jeantet AM
Bergsjordet B: Strother CM; Crummy AB; et al: vertebral artery embolization for control of massive hemorrhage, (AJNR), 5: 201, 1984 Bergstein JM See Andreoli SP Bergstrand G; Bergstrom M; Nordell B; et al: cardiac gated MR imaging of cerebrospinal fluid flow, (JCAT), 9: 1003, 1985 (CA1), 9: 1003, 1985
Bergstrand G; Oxenstierna G; Flyckt L; et al:
radionuclide cisternography and computed
tomography in 30 healthy volunteers,
(Neuroradiol), 28: 154, 1986
Bergstrom J See Wallgren A Bergstrom K See Lilja A Bergstrom M See Bergstrand G Bergstrom M See Chan B Bergstrom M See Ericson K Bergstrom M See Hatam A Bergstrom M See Muhr C Bergstrom M; Greitz T; Ribbe T: method of stereotaxic localization adopted for conventional and digital radiography, (Neuroradiol), 28: 100, 1986 Bergstrom M; Rogers JG; Pate BD: contribution from random coincidences to PET images: effect of detector "wobbling", (JCAT), 9: 546, 1985 Bergvall U See Gelbert F Berk RN See Barnhart JL Berk RN See Williams SM Berk RN; Wall SD; McArdle CB; et al: cryptosporidiosis of the stomach and small intestine in patients with AIDS, (AJR), 143: 549, Berke GS; Calcaterra TC: parotid hypertrophy with berker GS; Catcaterra TC; parotto hypertrop; bulimia: report of surgical management, (Radiology), 159: 287, 1986 Berkman WA See Bishop AF Berkman WA See Fajman WA Berkman WA See McCain AH Berkman WA See Martin LG Berkman WA See Martin LG
Berkman WA; Bernardino ME; Sewell CW; et al:
computed tomography-guided adrenal biopsy.
an alternative to surgery in adrenal mass
diagnosis, (Radiology), 153: 858, 1984
Berkman WA; Price RB; Wheatley JK; Fajman WA;
Sones PJ; Casarella WJ; varicoceles: a coaxial
coil occlusion system, (Radiology), 151: 73, 1984
Berkman WA; See Meale RT Berkman YM See Heelan RT Berkman YM See Heelan RT
Berkmen Y See Westcott JL
Berkmen YM: radiologic aspects of intrathoracic
sarcoidosis, (Semin Roentgenol), 20: 356, 1985
Berkmen YM: trachea: blind spot in the chest,
(Radiol Clin North Am), 22: 539, 1984
Berkmen YM; Auh YH: CT diagnosis of acquired
tracheoesophageal fistula in adults, (JCAT), 9:
302, 1985 Berkow R See Cohen MD Berkowitz RL See Abramson A Berland J See Bercoff E Berland J See Ducrotte P Berland LL See Anderson SD Berland LL See Koslin DB Berland LL See Miller VE

Berland LL: focal areas of decreased echogenicity in the liver at the porta hepatis, (J Ultrasound Med), 5: 157, 1986 Berland LL: screening for diffuse and focal liver disease: the case for hepatic computed tomography, (Radiology), 153: 267, 1984

Berland LL; Lawson TL; Adams MB; et al: evaluation of renal transplants with pulsed Dopper duples sonography, (Radiology), 150: 300, 1984 Berne TV See Dunn IT Bernie IV See Dunn J1
Berneschek G; Tatra G; Janisch H: rectal
sonography—a major advance in the diagnosis
of recurrence of cervical malignancies,
(Radiology), 155; 557, 1985
Bernier P; Coblentz C: CO<sub>2</sub> delivery system for
double-contrast barium enema examinations, Berland LL; Van Dyke JA: decreased splenic enhancement on CT in traumatized hypotensive patients, (Radiology), 156: 469, 1985 Berlin L See Novetsky GJ double-contrast barium ene (Radiology), 159: 264, 1986 Berns TF See Beres J Bernstein A See Persky MS Bernstein AD See Witwer G Bernstein BH See Gilsanz V Bernstein J See Shindo S Berlin LA See Zakov ZN
Berlin O; Stener B; Kindblom L-G; et al: lin O; Stener B; Kindblom L-G; et al: leiomyosarcomas of venous origin in the extremities. a correlated clinical, roentgenologic, and morphologic study with diagnostic and surgical implications, (Radiology), 156: 268, 1985 pernstein J See Snindo S Bernstein IR See Fisher MR Bernstein L See McGahan JP Bernstein M; Hoffman HJ; Halliday WC; et al: thalamic tumors in children: long-term follow-up and treatment guides, (Radiology), 155: 853, 1985 Berlin O; Stener B; Lindahl S; et al: vascularization of peripheral neurilemomas: angiographic, computed tomographic, and histologic studies, (Skeletal Radiol), 15: 275, 1986 1985
Bernstein MA See Feczko PJ
Bernstein MA; Feczko PJ; Halpert RD; Simms SM;
Ackerman LV; distribution of colonic polyps:
increased incidence of proximal lesions in older
patients, (Radiology), 155: 35, 1985
Bernstein PW See Finelli PF
Bernstein RM See Vermess M Berlinger NT See Rothstein J Berlinger NT: sinusitis in immunodeficient and immunosuppressed patients, (Radiology), 157: 857 1985 Berlow ME See Kenney PJ Berlow ME See Raasch BN Berlow ME See Spirt BA Berman A See Teplick JG Berman DS See Van Train KF Berman H See Gold RP Bernstein RM: practical pediatric imaging, (Radiology), 154: 106, 1985 Berquist TH See Baker HL Jr Berquist TH See Ehman RL Berquist TH See Larkin BT Berman H See Gold RF
Berman HL; Bakal CW; Katz SG: modification of the
Cope drainage catheter to facilitate placement,
(AJR), 146: 169, 1986 Berquist TH See Swensen SJ Berquist TH See Zimmer WD (AJR), 146: 169, 1986
Berman HJ: Katz SG; Bakal CW: replacing the broken suture in the Cope-style loop retention catheter. (AJR), 146: 590, 1986
Berman HJ: Katz SG; Tihansky DP: guided direct antegrade puncture of the superficial femoral artery, (AJR), 147: 632, 1986
Berman JL See Deutsch AL Berquist TH See Zimmer WD
Berquist TH; Brown LR: nuclear magnetic
resonance imaging of the hilum and
mediastinum: a comparison with CT and hilar
tomography, (Radiographics), 4: 151, 1984
Berreby M See Kitamura K
Berridge MS; Franceschini MP; Tewson TJ; et al:
preparation of oxygen-15 butanol for positron
tomography, (I) Nucl Med), 27: 834, 1986
Berry A See Lam AH
Berry I See Brant-Zawadzki M
Berry I See McNamara MT
Berry I See McNamara MT
Berry I: Brant-Zawadzki M: Ssaki L; et al: Gd-Berman JL See Resnik CS Berman L; Briggs R; Thomas RM: case report: ion-exchange resin bezoar in a neonate, (Clin Radiol), 37: 297, 1986 Berman L; Catterall A; Meire HB: ultrasound of the hip: review of the applications of a new technique, (Br J Radiol), 59: 13, 1986 Berry I; Brant-Zawadzki M; Osaki L; et al: Gd-DTPA in clinical MR of the brain: 2. extraaxial lesions and normal structures, (AJNR), 7: 789, Berman SA; Hayman LA; Hinck VC: correlation of CT cerebral vascular territories with function: 3 middle cerebral artery, (AJNR), 5: 161, 1984 Berry M; Bazaz R; Bhargava S: amebic liver abscess: sonographic diagnosis and management, (JCU), 14: 239, 1986 Berman SE See Swartz JD Berman W Ir See Eldridge MW Berry MP; Jenkin RDT; Harwood AR; et al: Ewing's sarcoma: trial of adjuvant chemotherapy and sequential half-body irradiation, (Int J Radiat Oncol Biol Phys), 12: 19, 1986 Bernado L See Lucaya J Bernard C See Fays J Bernard C See Hoeffel J-C Bernard Cee Hoeltel Je-Bernard KG; Cooperberg PL: sonographic differentiation between blighted ovum and early viable pregnancy, (AJR), 144: 597, 1985 Bernard O See Alvarez F Berry SM; Coulam CB; Hill LM; et al: evidence of contralateral ovulation in ectopic pregnancy, (J Ultrasound Med), 4: 293, 1985 Bersey ML See Williamson MR Bersey ML See Williamson MK
Bertagnoi L, Lalatta F, Gallicchio R; et al:
quantitative characterization of the growth of
the fetal kidney, (Radiology), 152: 268, 1984
Bertele RM See Schneider K
Berthiaume Y See Dooms GC
Berthoty DP; Shulman HS; Miller HAB: Bernard U See Alvarez F Bernardi S, Trimble MR, Frackowiak RS, et al: interictal study of partial epilepsy using positron emission tomography and the oxygen-15 inhalation technique, (Radiology), 151: 266, Bernardino ME See Berkman WA Berthoty DP; Shulman HS; Miller HAB:
elastofibroma: chest wall pseudotumor,
(Radiology), 160: 341, 1986
Berthout P; Cardot JC; Baud M; et al: factors
influencing the quantification of valvular
regurgitation by gated equilibrium radionuclide
angiography, (Radiology), 154: 570, 1985
Bertoli M See Meneghello A
Bertolin G See Bettoni L
Bertolotti P See Beluffi G
Bertoni E See Canama B Bernardino ME See Frederick HM Bernardino ME See McCain AH Bernardino ME See Nadel L Bernardino ME See Oliver TW Jr Bernardino ME See Perkerson RB Jr Bernardino ME See Pettigrew RI Bernardino ME See Phillips VM Bernardino ME See Walker RM Bernardino ME: percutaneous biopsy, (AJR), 142: 41, 1984 Bertoni F See Capanna R Bertoni F See Hudson TM Bernardino ME; Amerson JR: percutaneous gastrocystostomy: a new approach to pancre pseudocyst drainage, (AJR), 143: 1096, 1984 Bertoni F See Present DA
Bertoni F; Picci P; Bacchini P; et al: mesenchymal chondrosarcoma of bone and soft tissues, (Radiology), 151: 546, 1984 Bertoni F; Present D; Hudson T; et al: meaning of Bernardino ME; Erwin BC; Steinberg HV; Baumgartner BR; Torres WE; Gedgaudas-McClees RK; delayed hepatic CT scanning: increased confidence and improved detection of hepatic metastases, (Radiology), 159: 71, 1986 radiolucencies in parosteal osteosarcoma (Radiology), 157: 850, 1985 Bertoni F; Unni KK; McLeod RA; et al: hepatic metastases, (Radiology), 159: 71, 1986
Bernardino ME; Sones PJ Jr; Price RB; et al: liver,
(Clin Diagn Ultrasound), 14: 221, 1984
Bernardino ME; Steinberg HV; Pearson TC;
Gedgaudas-McClees RK; Torres WE;
Henderson JM: shunts for portal hypertension:
MR and angiography for determination of
patency, (Radiology), 158: 57, 1986
Bernardino ME; Walther MM; Philips VM; et al:
CT-guided adrenal biopsy: accuracy, safety, and
indications, (AJR), 144: 67, 1985
Bernardo ML See Muller RN osteosarcoma resembling osteoblastoma, (Radiology), **156**: 268, 1985 Bertrand M See Mailloux G Bertrand M See Mailloux G
Bertuch H See Pilger E
Besch GJ; Tanner MA; Sattler CA; et al: radiation
survival of human mammary carcinoma cells:
criteria for an agar-based clonogenic assay, (Int J
Radiat Oncol Biol Phys), 12: 75, 1986 Radiat Oncol Biol Phys), 12: 75, 1986
Beshany SE See Pilla TJ
Bessell EM; Catterall M: regression of tumors of the
head and neck treated with neutrons,
(Radiology), 154: 285, 1985
Bessent RG See Fogelman I
Bessette RW See Katzberg RW
Bessette RW See Miller TL Bernardo ML See Muller RN Bernardo ML See Muller RN
Bernardo ML; Lauterbur PC: rapid mediumresolution 3-D NMR zeugmatographic imaging
of the head, (Radiology), 151: 829, 1984
Bernardy MO; Umer MA; Flanigan RC: computed
tomography of hydrocele of the tunica
vaginalis, (JCAT), 9: 203, 1985
Bernat JL See Castaldo JE
Bernat J, See Addonizin JC: A projula A; ilicantages Dessette RW See Miller II.

Best JJK See Chambers SE
Bester L See Bagg MNJ
Bethancourt B; Pond GD; Jones SE; et al:
mediastinal hematoma simulating recurrent
Hodgkin disease during systemic
chemotherapy, (AJR), 142: 1119, 1984 Bernath AS; Addonizio JC; Arciola A: iliac artery-bladder fistulization ten years post-renal transplantation, (Radiology), 152: 841, 1984

Berland LL See Rubin E Berland LL See Shin MS

Betsill WL See Wallace MP Betsill WL Jr See Curry NS Bettmann M See Marx M Bettmann MA See Denny DF Bettmann MA See Gardiner GA Jr Bettmann MA See Levin DC Bettmann MA See Park JH

Bettmann MA: comments on calf hematoma mimicking thrombophlebitis, (Radiology), 160: 567, 1986

567, 1986

Bettmann MA; Bourdillon PD; Barry WH;

Brush KA; Levin DC: contrast agents for cardiac angiography: effects of a nonionic agent vs. a standard ionic agent, (Radiology), 153: 583, 1984

Bettmann MA; Perlmutt LM; Finkelstein J;

Meyerovitz MF; Richiej FP; percutaneous placement of soft, indwelling ureteral stent, (Radiology), 157: 817, 1985

Bettoni L; Baldi P; Bertolino G: CT diagnosis of intracranial neurinoma of the hypoglossal nerve, (JCAT), 9: 827, 1985

Betz H See Biedert S

Betz H See Biedert S Betz H See Heizel MV Beute GH See Pearlberg JL Beute GH See Sandler MA

Beuter P See Lacourreye H Bevilacqua M See Godart G

wermeyer H; Bamborschke S; Ebhardt G; et al: MR imaging in adrenoleukomyeloneuropathy, (JCAT), 9: 793, 1985 Beyer D See Steinbrich W

Beyer HK See Uhlenbrock D Beyer P See Volle E

Beynon J; Slonim L; Kiss ZS; Morris C; Lau L: CT appearance of a prosthetic methyl methacrylate mass mistaken for abscess, (Radiology), 150: 506, 1084

Bezreh JS See Wetzner SM

Bezreh JS See Wetzner SM
Bhagavan BS; Slavin RE; Goldbert J; et al: ectopic
gastrinoma and Zollinger-Ellison syndrome,
(Radiology), 161: 858, 1986
Bhagwanani DG See Newmark H III
Bhandari AK; Nanda NC: myocardial texture
characterization by two-dimensional
echocardiography, (Radiology), 150: 297, 1984
Bhargava S See Berry M
Bhargava S See Company

Bhargava S See Gupta AK Bhargava S See Maheshwari MC Bhathal PS See Russell DM Bhatia I See Mathew OP

Bhatia NN; Ostergard DR: use of ultrasound in management of stress incontinence, (Clin Diagn Ultrasound), 15: 73, 1984

management of stress incontinence, (Clin Diagn Ultrasound), 15: 73, 1984

Bhatt RM; Austin HM: CT demonstration of empyema necessitatis, (JCAT), 9: 1108, 1985

Bhatt RCV See Wells IP

Bhattacharyya Ak; Balogh K: retroperitoneal lymphangioleiomyomatosis: 36-year benign course in a postmenopausal woman, (Radiology), 158: 858, 1986

Bhimani S See Virapongse C

Bhimani S; Sarwar M; Virapongse C; et al: computed tomography of cerebrovascular calcifications in postsurgical hypoparathyroidism, (JCAT), 9: 121, 1985

Bhimani S; Virapongse C; Sabshin JK; Sarwar M; Paterson RH Jr: intracerebral pneumatocele: CT findings, (Radiology), 159: 280, 1985

Bhimani S; Virapongse C; Sarwar M; et al: computed tomography in penetrating injury to the eye, (Radiology), 155: 280, 1985

Bhimani S; Virapongse C; Sarwar M; et al: computed tomography in penetrating injury to the eye, (Radiology), 155: 280, 1985

Bhimani S; Virapongse C; Sarwar M; et al: computed tomography in penetrating injury to the eye, (Radiology), 155: 280, 1985

Bhimani SM See Sarwar M

Bhimani SM See Sarwar M

Bhimani Sivi See Satwar in Bhimani Siv See Virapongse C Bhushan B; Vashist GP; Prasad J; et al: osteoblastic metastases from thyroid carcinoma, (Radiology), 158: 569, 1986

Bhutani VK See Malin SW Bhutani VK; Ritchie WG; Shaffer TH: acquired tracheomegaly in very preterm neonates (Radiology), 161: 864, 1986 Bia M See Rigsby CM Biagini R See Capanna R Biaglow JE See Dethlefsen LA

Biaglow JE See Tuttle SW

Biaglow JE See Tuttle SW: et al: effect of L-buthionine sulfoximine on the aerobic radiation response of A549 human lung carcinoma cells, (Int J Radiat Oncol Biol Phys), 12: 1139, 1986

Bianchi A See Farndon PA Bianco R See Franceschini P Bianco R See Silengo MC Biberstein M See Sebrechts C

Bice AN; Clausen M; Loncaric S; Zeeberg B; Wagner HN Jr: distance-weighted backprojection: SPECT reconstruction technique, (Radiology), 161: 852, 1986

Bice AN; Wagner HN Jr; Frost JJ; et al: simplified detection system for neuroreceptor studies in the human brain, (J Nucl Med), 27: 184, 1986 Bice CD See Binet EF

Bice P See Hopper KD Bick RJ See Ament AE Bickmann HJ See Bonilla-Musoles F Bidula MM; Rifkin MD; McCoy RI: ultrasonography of gastric phytobezoar, (JCU), 14: 49, 1986

Bieber FR See Benacerraf BR
Bieber FR See Cayea PD
Bieber FR See Cayea PD
Bieberstein MP See Wing VW
Biedert S; Winter R; Betz H; et al: detection of intracranial carotid artery disease by continuous-wave Doppler sonography, (Neuroradiol), 28: 296, 1986

Righl T See Lehner K

Biehl T See Reiser M Rielecki D See Sartoris DI

Bielecki D See Sartons DJ; Resnick D; et al: intraosseous and intradiscal gas in association with spinal infection: report of three cases, (AJR), 147: 83, 1986

Bieler EU See Rinck PA Biello DR See Alderson PO Biello DR See Lee ME Biello DR See Miller TR Biello DR See Rosen JM

Biello DK See Kosen JM Biemann H See Crocker TP Bier S; Halton K; Krivisky B; et al: pneumocystis carinii pneumonia presenting as a single pulmonary nodule, (Pediatr Radiol), 16: 59, 1986 Bierman FZ See Chin AJ

Bierman FZ See Chin Aj Bierman FZ See Ritter SB Biern RO See Topol EJ Biery D See Grossman RI Biery D See Thickman DI Bies JR See Cory DA Bies JR See Ellis HH Bies JR See Ellis JH

Bies JR. Ellis JH; Kopecky KK; et al: assessment of primary gynecologic malignancies: comparison of 0.15-T resistive MRI with CT, (AJR), 143: 1249, 1984

1249, 1984
Bigelow R; Smith R; Goodman PA; et al: needle
localization of nonpalpable breast masses,
(Radiology), 157: 851, 1985
Bigelow RH See Pagani JJ
Biggi E See Derchi LE

Biggs PJ; Shipley WU: beam width improving device for a 25 MV x ray beam, (Int J Radiat Oncol Biol Phys), 12: 131, 1986

Biggs PJ; Wang CC: breakaway safety feature for an intra-oral cone system, (Radiology), 156: 285,

Biggs PJ; Wang CC; Gitterman MM: afterloading vaginal applicator, (Int J Radiat Oncol Biol Phys), 12: 247, 1986

Phys), 12: 247, 1986 Bigler A See Lagier R Bigot JM See Musset D Bijleveld CMA See Hess J Bijvoet OLM See Vellenga CJLR Bilaniuk LT See Atlas SW Bilaniuk LT See Goldberg HI Bilaniuk LT See Gomori JM Bilaniuk LT See Grossman RI

Bilaniuk LT See Gomori JM
Bilaniuk LT See Grosman RI
Bilaniuk LT See Spagnoli MV
Bilaniuk LT See Spagnoli MV
Bilaniuk LT See Simmerman RA
Bilaniuk LT, Moshang T; Cara J; et al: pituitary
enlargement mimicking pituitary tumor,
(Radiology), 159: 573, 1986
Bilaniuk LT; Schenck JF; Zimmerman RA; Hart HR
JT; Foster TH; Edelstein WA; Goldberg HI;
Grossman RI: octular and orbital lesions: surface
coil MR imaging, (Radiology), 156: 669, 1985
Bilaniuk LT; Zimmerman RA; Wehrli FW;
Goldberg HI; Grossman RI; Bottomiev PA;
Edelstein WA; Glover GH; MacFall JR;
Redington RW; Kressel HY: cerebral magnetic
resonance: comparison of high and low field
strength imaging, (Radiology), 153: 409, 1984
Bilaniuk LT; Zimmerman RA; Wehrli FW;
Snyder PJ; Goldberg HI; Grossman RI;
Bottomley PA; Edelstein WA; Glover GH;
MacFall JR; Redington RW: magnetic
resonance imaging of pituitary lesions using 1.0
to 1.5 T field strength, (Radiology), 153: 415,
1984
Bilbaol JM See Miller MH

Bilbao JM See Miller MH Bilfield BS See Manco LG Biller HF See Som PM Biller J See Harpold GJ

Biller J See Naheedy MH Biller J See Smoker WRK

Biller J; Adams HP Jr; Dunn V; et al: dichotomy between clinical findings and MR abnormalities in pontine infarction, (JCAT), 10: 379, 1986

Biller J; Gentry LR; Adams HP Jr; et al: spontaneou hemorrhage in the medulla oblongata: clinical MR correlations, (JCAT), 10: 303, 1986 Biller J; Graff-Radford NR; Smoker WRK; et al: MR imaging in "lacunar" hemiballismus, (JCAT), 10:

imaging in 793, 1986 Biller J; Toffol GJ; Shea JF; et al: cerebellar venous angiomas: continuing controversy, (Radiology), 157: 283, 1985

Billman LA See LeVeen RF Billmann P See Brambs H-J Billmire ME See Wason S Binder W See Hajek P Binet EF See Holder JC Binet EF See Kieffer SA

Binet EF; Bice CD: preparation for neuroradiologic procedures: a questionnaire, (AJNR), 5: 117, procedures: a que 1984

Bing D See Pokora T Bini RM See Nath PH Biondi A See Scotti G Biorklund A See Tennvall J

Birch SJ See Odurny A
Bird CR See Seidenwurm D
Bird CR; Drayer BP; Velaj R; et al: safety of contrast media in cerebral angiography: iopamidol vs. methylglucamine iothalamate, (AJNR), 5: 801,

Bird CR; Drayer BP; Yeates AE: gas CT cisternography of an intracanalicular vascular malformation, (AJNR), 6: 969, 1985

Bird CR, Hasso AN; Drayer BP, Hinshaw DB Jr; Thompson JR: cerebellopontine angle and internal auditory canal: neurovascular anatomy on gas CT cisternograms, (Radiology), 154: 667, 1985

Bird K See Vick CW Bird KI Jr; Rosenfield AT: testicular infarction secondary to acute inflammatory disease: demonstration by B-scan ultrasound, (Radiology), 152: 785, 1984

Bird R See Drayer BP Bird R See Enzmann DR

Bird RE; McLelland R: how to initiate and operate a low-cost screening mammography center, (Radiology), 161: 43, 1986 Birnbaum NS See Barron TF Birnbaum S See Gale ME

Birnberg FA See Gross BH Birnholz JC: algorithmic approach to accurate ultrasonic fetal weight estimation, (Invest Radiol), 21: 571, 1986

Birnholz JC: determination of fetal sex, (Radiology), 152: 268, 1984

Birnholz JC: evolution of the ultrasonic examination, (Radiology), 158: 287, 1986

examination, (Radiology), 158: 287, 1986
Birnholz JC: fetal lumbar spine: measuring axial
growth with US, (Radiology), 158: 805, 1986
Birnholz JC: on calculating the perimeter of an
ellipse, (Radiology), 153: 573, 1984
Birnholz JC; Benacerraf BR: development of human
fetal hearing, (Radiology), 152: 268, 1984
Birnholz JC; Farrell EE: fetal lung development:
compressibilty as a measure of maturity,
(Radiology), 157: 495, 1985
Birnholz JC: Merkel FK: submucosal edema of the

Birnholz JC; 495, 1965
Birnholz JC; Merkel FK; submucosal edema of the collecting system: new ultrasonic sign of severe, acute renal allograft rejection: clinical note, (Radiology), 154: 190, 1985
Birt BD: dysphagia due to simultaneous laryngocele and Zenker's diverticulum, (Radiology), 157:

858 1985

Bisaria KK: anatomic variations of venous sinuses in the region of the torcular herophili, (Radiology), 157: 854, 1985 Bischoff UK See Huland H

Bishop AF, Berkman WA; Palagallo GL: antegrade selective catheterization of the superficial femoral artery using a movable-core guide wire, (Radiology), 157: 548, 1985 Bishop NL: splenic artery aneurysm rupture into the colon diagnosed by angiography, (Radiology), 156: 562, 1985

Bisker J: diagnostic ultrasound of the lower abdomen, (Radiology), 158: 342, 1986 Bissada NK See Hanash KA Bisset GS See Towbin RB

Bisset GS; Towbin RB: pediatric case of the day. (Radiographics), 6: 731, 1986 Bisset GS; Towbin RB: pediatric case of the day: annual meeting 1985, (Radiographics), 6: 508,

Bisset GS; Towbin RB: pediatric case of the day: annual meeting, 1985, (Radiographics), 6: 917,

Bisset GS III See Egelhoff JC Bisset GS III: cardiac and great vessel calcifications in childhood, (Semin Roentgenol), 20: 194, 1985
Bisset GS III; Hirschfield SS: univentricular heart

Bisset GS III; Hirschifeld SS: univentricular in combined 2-dimensional-pulsed Opppler (duplex) echocardiographic evaluation, (Radiology), 150: 867, 1984 Bisset GS III; Meyer RA: obstructive left heart lesions, (Semin Roentgenol), 20: 244, 1985 Bisset GS III; Oestreich AE:

Bisset GS III; Destreich AE: nuklearmedizin—diagnostik II/nuclear medicine—diagnostic II. vol. 15, pt. 3 of handbuch der medizinischen radiologie/encyclopedia of medical radiology, (Radiology), 159: 484, 1986 Bisson G See Begin R.

bisson G; Drapeau G; Lamoureux G; et al: computer-based quantitative analysis of gallium-67 uptake in normal and diseased lungs, (Radiology), 152: 565, 1984

Bistolfi L See Savarino V

Bistritzer T; Tamir A; Oland J; et al: severe dyspnea and dysphagia resulting from an aberrant cervical thymus, (Radiology), **159**: 576, 1986 **Bitran JD** See **Bekerman C** 

Bitsch KR See Josephsen L Bitterman PB See Crystal RG Bjarngard BE See DeWyngaert JK Bjelland JC See Child DD
Bjelland JC See Hunter TB
Bjorgvinsson E See Mitchell DG

Bjork L See Mittleil OG Bjork L See Zackrisson BF Bjork L Zackrisson BF: low dose urography with a low osmolar contrast medium, (Acta Radiol [Diagn]). 27: 111, 1986 Bjorkengren AG; Resnick D; Haghighi P; et al:

intraosseous glomus tumor report of a case and review of the literature, (AJR), 147: 739, 1986 Bjorkholm E; Pettersson F; Einhorn N; et al: long-

Block DR See Barton SP

Black DR See Barton SF Black J See Johns TT Black J See Lorenzo RL Black P See Hernanz-Schulman M

Black TL See Brown D Black WC See Paling MR Black WC See Quinn SF

Black WC; Armstrong P: role of CT in assessing mediastinal involvement in lung cancer, (Radiology), 156: 552, 1985 Black WC; Burke JW; Feldman PS; et al: CT

appearance of cervical lipoblastoma, (JCAT), 10: 696, 1986

Black WC; Gouse JC; Williamson BRJ; et al: computed tomography of traumatic lung cyst: case report, (CT), 10: 33, 1986

Blackbourne B See Kleinman PK Blacklock JB See Doppman JL Blackshear JL See Orlandi C Blackwell DE See Hirsch G Blair G See Heier LA Blair V See Hunter RD Blair V See Read GS Blair WF See El-Khoury GY Blake GM See Percival RC Blake PR; Carr DH; Goolden AWG: intracranial

Hodgkin's disease, (Br J Radiol), 59: 414, 1986 Blakemore KJ See Chervenak FA

Blakemore WS; Ehrenberg M; Fritz KJ; et al: rapidly progressive proptosis secondary to Burkitt's lymphoma. origin in the ethmoid sinus, (Radiology), 152: 849, 1984 Blakesley D See Chui M

Blalock CP See Williams JP Blanchard CL See Gellad FE Blanco E See Kapila A Blanco E See Murray RR

Bland PH See Chenevert TL
Bland PH; DiPietro MA; Chenevert TL;
Hulchinson RJ; Carson PL: tissue
characterization of the testes using ultrasonic
CT: work in progress, (Radiology), 159: 101,

Blandino A See Pandolfo I Blane CE See Amendola MA Blane CE See Ho AMW

Blane CE; Bookstein FL; DiPietro MA; et al: sonographic standards for normal infant kidney length, (AJR), 145: 1289, 1985

Blane CE; Calhoun JG; Vydareny KH: constructing pre- and post-tests in a medical student elective, (Invest Radiol), 21: 743, 1986

Blane CE; DiPietro MA; White SJ; et al: analysis of bowel perforation in patients with intussusception, (Radiology), 155: 277, 1985

Blane CE; Holt JF; Vine AK; scapuloiliac dysostosis, (Radiology), 154: 562, 1985 Blane CE; Kling TF Jr; Andrews JC; et al: arthrography in the posttraumatic elbow in children, (AJR), 143: 17, 1984

Blane CE; Wesley JR; DiPietro MA; et al: gastrointestinal complications of gastroschisis, (AJR), 144: 589, 1985

Blane CE; White SJ; Braunstein EM; et al: patterns of calcification in childhood dermatomyositis, (AJR), 142: 397, 1984

Blaney SM See Johnson JF Blank N See Castellino RA Blank N See Cho CS Blank N See Rubin DL

Blankestijn J; Panders AK; Vermey A; et al: synovial chondromatosis of the temporomandibular joint: report of three cases and a review of the literature, (Radiology), 156: 268, 1985

Blanshard KS; Finlay DBL; Scott DJA; et al: radiological analysis of lateral ligament injuries of the ankle, (Clin Radiol), 37: 247, 1986

Blaquiere RM See Bellamy EA

Blaquiere RM: computed tomography in acetabular trauma, (Radiology), 156: 569, 1985

Blaquiere RM; Husband JE: conventional radiology and computed tomography in ovarian cancer: discussion paper, (Radiology), 151: 260, 1984 Blasco L See Mitchell DG

Blasier RB; Aronson DD: infantile cortical hyperostosis with osteomyelitis of the humerus, (Radiology), 157: 570, 1985

Blasius KM See Maurer AH Blasius KM See Siegel JA

Blass JP See Barclay L Blatchford JW III See Barragry TP Blatt ES See Ramirez H Jr

Blau M: radiotracers for functional brain imaging, (Semin Nucl Med), 15: 329, 1985

Blazquez MG See Roda JM

Bleck EE; Minaire P: persistent medial deviation of the neck of the talus: a common cause of in-toeing in children, (Radiology), 150: 614, 1984

Bledin AG See Kantarjian HM Bledin AG See Kim EE

Bledin AG; Kim EE; Chuang P; et al: changes of arterial blood flow patterns during infusion chemotherapy, as monitored by intra-arterially injected technetium 99m macroaggregated albumin, (Radiology), **154:** 285, 1985

Bleehen NM See Newman HFV Bleehen NM See Roberts JT

Blei CL See Choyke PL Blei CL: Nirschl RP: Grant EG: Achilles tendon of pathologic conditions: US diagnosis, work in progress, (Radiology), 159: 765, 1986

Blei CL; Sihelnik S; Bloom D; et al: ultrasonographic analysis of chronic intratesticular pathology, (Radiology), 150: 299,

Blendis L See Gamble P

Blery M; Cerba D; Chagnon S: Hajdu-Cheney acro-osteolysis and calcified aneurysm of ligated patent ductus arteriosus, (Radiology), 152: 853, 1984

Blery MV See Chagnon SF Blevins RD See Rubenfire M Blichert-Toft M See Ryttov N Blickman JG See Kool LJS Blickman JG See Kuijpers D

Blickman JG: bildgebende verfahren in der diagnostik von gallenwegserkrankungen (imaging modalities in diagnostic radiology of diseases affecting the gallbladder), (Radiology), 158: 118, 1986 158: 108, 1986

Blickman JG: der oberschenkel-diagnostische und kman JG: der oberschenkel—diagnostische und therapeutische aspeckte der arteriologie, phlebologie und lymphologie (the thigh region—diagnostic and therapeutic aspects of its arteriography, phlebography, and lymphangiography), (Radiology), 157: 460, 1985

Blickman JG: die klinische wertigkeit neuer bildgebender verfahren (clinical value of the newer imaging modalities), (Radiology), **159**:

Blickman JG: physik der bildgebenden verfahren in der medizin (physics of imaging modalities in medicine), (Radiology), **156**: 532, 1985

Blickman JG: strahlengefahrdung und strahlenschultz/radiation exposure and radiation protection. vol. 20 of handbuch der medizinischen radiologie/encyclopedia of medical radiology, (Radiology), **160**: 576, 1986

Blickman JG; Lebowitz RL: coexistence of primary megaureter and reflux, (AJR), 143: 1053, 1984 Blickman JG; Overbosch EH; Falke THM: computed tomographic demonstration of a bileoma, (Radiology), **154:** 554, 1985

bileoma, (Radiology), 154: 554, 1985

Treves ST: pectus excavatum in children:
pulmonary scintigraphy before and after
corrective surgery, (Radiology), 156: 781, 1985

Blickman JG; Taylor GA; Lebowitz RL: voiding
cystourethrography: initial radiologic study in
children with urinary tract infections,
(Radiology), 156: 659, 1985

Blickman JG; Wilkinson RH; Graef JW: radiologic "lead band" revisited, (AJR), 146: 245, 1986

Blinder RA See Coleman RE Blinder RA See Johnson DG Blinder RA See Kier R

Blinder RA; Coleman RE: evaluation of pulmonary embolism, (Radiol Clin North Am), 23: 391, 1985 Blitzer PH See Wang CC

Bloch L See Garty I

Block PC See Peterson MB

Block RW; Flynn MJ; Ackerman LV; Watt AC; Erich DA; Ressler CJ: device for positioning the breast during angiography, (Radiology), 155: 824, 1985

Blocker SH See Claiborne AK Blocker SH See Jamroz GA

Blocker SH See Katz ME Blockx PPG See Van de Vyver FL Bloem HL; Falke THM; Doornbos J: osteomyelitis in children: detection by magnetic resonance, (Radiology), 153: 263, 1984

Bloem IL See de Roos A Bloem JL See Kieft GJ

Bloem JL See Tjon-A-Tham RTO Bloem JL; Falke THM; Taminiau AHM;
Doornbos J; Van Oosterom AT; Steiner RM;
Overbosch EEH; Ziedses des Plantes BG Jr:
magnetic resonance imaging of primary
malignant bone tumors, (Radiographics), 5: 853,

Blomquist KA See Jankovic J Blondeheim DS See Marmor A

Bloom D See Blei CL Bloom JL; Mulder JD: chondroblastoma: clinical and radiological study of 104 cases, (Radiology), 157: 851, 1985

Bioom RA See Lebensart PD
Bloom RA See Libson E
Bloom RA See Pogrund H
Bloom RA; Assaf Y; Verstandig A; et al:
hypertrophic osteoarthropathy and primary
intestinal lymphoma, (Castrointest Radiol), 11:

Bloom RA; Libson E: controversies in lumbosacral

spine radiography: indications, projections, and clinical implications: reply, (Radiology), 153: 833, 1984 Bloom RA; Libson E; Lax E; et al: assimilated os sustentaculi. (Skeletal Radiol), 15: 455, 1986

sustentaculi, (Skeletal Radiol), 15: 455, 1986
Bloom RA; Pogrund H; Libson E: radiogrammetry
of the metacarpal: a critical reappraisal,
(Radiology), 153: 269, 1984
Bloom SM; Philipps E; Paul RE Jr: optimal doublecontrast visualization of the posteriorly directed
duodenal bulb, (Radiology), 161: 549, 1986
Bloomfield H See Spechler SJ

Bloomfield P See Force T Bloomfield R See Schwartz AC

Blue PW See Jackson JH Blue PW; Ghaed N; Jackson JH: glomerular filtration rate determined in conjunction with routine renal scanning, (Radiology), **156**: 553,

Bluemm R See Guit GL Blum E; Pearlman M; Graham D; et al: early second-trimester sonographic diagnosis of thoracopagus twins, (JCU), 14: 207, 1986

Blum JE: thinker's guide to ultrasonic imaging. (Radiology), 156: 168, 1985

Blum JE: trauma: conventional radiologic study in spine injury, (Radiology), 159: 590, 1986

spine injury, (Radiology), 159: 590, 1986
Blum JE: ultrasound in obstetrics and gynecology.
2d ed., (Radiology), 157: 508, 1985
Blum LW; Chambers RA; Schwartzman RJ; et al:
progressive multifocal leukoencephalopathy in
acquired immune deficiency syndrome,
(Radiology), 157: 283, 1985
Blume H See Bairamian D
Blumenkopf B See Yeates AE

Blumenkopf B; Bennett WF: delayed presentation of posttraumatic cervical disk herniation, (AJNR), 7: 722, 1986

Blumenthal D See Scott JA Blumgart LH See Bydder GM Blumgart LH See Gibson RN Blumhagen JD See Mercker JM Blumhagen JD See Rosenbaum DM

Blumhagen JD: role of ultrasonography in the evaluation of vomiting in infants, (Pediatr Radiol), **16**: 267, 1986

Blumhagen JD; Mack LA: abnormalities of the neonatal cerebral ventricles, (Radiol Clin North Am), 23: 13, 1985

Am), 23: 13, 1965
Blumhardt R See Lasher JC
Blumhardt R See Starling MR
Blundell GE; Burhenne HJ: balloon catheter
dilatation of malignant esophageal stricture,
(Radiology), 155: 274, 1985
Bluth EL Sergar ET-Sullyan MA: real-time

Bluth EI; Ferrari BT; Sullivan MA: real-time ultrasonography of the pelvis as an adjunct to the digital examination, (Radiology), 153: 789,

Bluth EI; Kay D; Merritt CRB; et al: sonographic characterization of carotid plaque: detection of hemorrhage, (AJNR), 7: 311, 1986

Bly SHP; Lee-Chahal D; Foster DR; et al: quantitative contrast measurements in B-mode images: comparison between experiment and theory, (Ultrasound Med Biol), 12: 197, 1986 Boal DKB See Bahia JO

Boal DKB See Dama JO Boal DKB See Comstock CH Boal DKB; Schwenkter EP: infant hip: assessment with real-time US, (Radiology), 157: 667, 1985

Boardman RE See Kelsey CA Boas RN See Leeba JM

Bobba VR; Krishnamurthy GT; Kingston E; et al: gallbladder dynamics induced by a fatty meal in normal subjects and patients with gallstones: concise communication, (Radiology), 153: 574,

Bober-Sorcinelli KE See Lacy J Bobest M See Furo I Bobman SA See Lee JN Bobman SA See Riederer SJ Bobman SA; Riederer SJ; Lee JN; et al: cerebral magnetic resonance image synthesis, (AJNR), 6: 265, 1985 205, 1905 Bobman SA; Riederer SJ; Lee JN; Suddarth SA; Wang HZ; MacFall JR: synthesized MR images comparison with acquired images, (Radiology), 155: 731, 1985 man SA; Riederer SJ; Lee JN; Tasciyan T; Farzaneh F; Wang HZ: pulse sequence extrapolation with MR image synthesis, (Radiology), 159: 253, 1986 Bock E; Grandinetti F; Corcioni E; et al: lipomatosis of the pancreas: mistake in diagnostic imaging, (JCU), 14: 398, 1986 **Bodart P See Pringot J** Bodell LS See Levy JM Bodner E See Hugel HE Bodner H See Green N Bodner LJ See Saddekni S Bodner LJ See Sniderman KW Bodycote J See Wolff S
Boechat MI See Diament MJ
Boechat MI See Kangarloo H
Boechat MI; Gold RH; Gilsanz V; et al: radiological
aspects of South American blastomycosis in
children, (Radiology). 153: 566, 1984
Boechat MI; Ortega J; Hoffman AD; et al: computed
tomography in stage III neuroblastoma, (AJR),
145: 1283, 1985
Boehm EH; Elischer AC: Report MA. Bodycote J See Wolff S Host 1203, 1905
Beehm HH, Fleischer AC; Barrett JM: sonographic placental localization in the determination of the site of uternie niceison for placenta previa, (Radiology), 150: 869, 1984
Boehme JM See Choplin RH
Boehme JM See Williams RC Boen JR See Levitt SH Boethius J See Marions O Boger DC: traction device to improve CT imaging of lower cervical spine, (AJNR), 7: 719, 1986 Boggan JE See Gooding GAW Boggan JE See McGahan JP Boggis C See Greene R Bogl W See Hammermaier A Bogman MJJT See Strijk SP Bogoch A See Huey H Bogoch E See Leekam RN Bogoch E, Thompson G; Salter RB: foci of chronic circumscribed osteomyelitis (Brodie's abscess) that traverse the epiphyseal plate, (Radiology), 133: 567, 1984 133: 367, 1984 Bogousslavsky J See Fox AJ Bogousslavsky J; Regli F: vertebrobasilar transient ischemic attacks in internal carotid artery occlusion or tight stenosis, (Radiology), 156: 276, 1985 1985
Bogren HG See DeNardo SJ
Bogusky RT; Garwood M; Matson GB; et al:
localization of phosphorus metabolites and sodium ions in the rat kidney, (Magn Res Med), 3: 251, 1986 Bohlken S See Stewart F Bohlman H See Modic MT Bohlman ME See Haney PJ Bohrer SP See Klein A Bohrer SP See Wiggins T Bohrer SP: annulus vacuum sign, (Skeletal Radiol), 15: 233, 1986 15: 233, 1986
Bohrer SP: diagnostic imaging in hemophilia,
(Radiology), 158: 308, 1986
Bohrer SP: emergency patient. 2d edition. volume 7
of exercises in diagnostic radiology, (Radiology),
153: 48, 1984 Bohrer SP: emergency radiology of the pelvis and lower extremity: volume 17 of advanced exercises in diagnostic radiology, (Radiology), 154: 44, 1985 154: 44, 1985
Bohrer SP: hand in radiologic diagnosis: with gamuts and pattern profiles. 2d ed. 2 vols., (Radiology), 153: 614, 1985
Bohrer SP: osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation, (Radiology), 161: 277, 1986
Bohrer SP: procedures in skeletal radiology, (Radiology), 156: 378, 1985
Bohrer SP: Klein A; Martin W: V-shaped predens space, (Radiology), 158: 570, 1986
Bohus R See Goodman K
Boice ID II See Harvey EB Boice JD Jr See Harvey EB Boichis H See Koren G Boisvert J See Filion R Boisvert I See Pedicelli G Boisvert J See Yazbeck S Bok EJ; Cho KJ; Williams DM; et al: venous involvement in islet cell tumors of the pancreas, (AJR), 142: 319, 1984

Bok LR See Shetty PC Boland CR See Agha FP Bolden R See Rivero H Bolding DB See Callen PW Boldrey EE See Gaynon MW Boldt DW See DeCampo JF Boldue P See Gregoire P Bolen JW See Freeny PC Bolender NF; Cromwell LD; Graves V; et al: interval appearance of glioblastomas not evident in previous CT examinations, (Radiology), **151**: 825, 1984 (Radiology), 151: 225, 1961
Bolia AA: case report: diagnosis and hydrostatic reduction of an intussuscetion under ultrasound guidance, (Radiology), 159: 571, 1986
Bolinger L See Renshaw PF
Bolin R See Rokey R
Bolendi L; Bortolotti M; Santi V; et al: measurement of gastric emptying time by real-time ultrasonography, (Radiology), 160: 573, Bolondi L; Ferrentino M; Trevisani F; et al: sonographic appearance of pseudomembrar colitis, (I Ultrasound Med), 4: 489, 1985 Bolondi L; Gaiani S; Gullo L; et al: secretin administration induces a dilatation of main pancreatic duct, (Radiology), 155: 556, 1985
Bolsover W See Whiteland Administration of Main pancreatic duct, (Radiology), 159: 556, 1985
Bolton R See Chapman S
Boltwood CM; Tei C; Wong M; et al: quantitative echocardiography of the mitral complex in dilated cardiomyopathy: the mechanism of functional mitral resurrentation, (Radiology). functional mitral regurgitation, (Radiology), 151: 832, 1984 Bom N See Gussenhoven WJ Bomalaski IS See Dalinka MK Bomalaski JS See Dalinka MK
Bomalaski JS: Williamson PK; Goldstein CS:
infectious arthritis in renal transplant patients,
(Radiology), 161: 283, 1986
Bomber P; McCready R; Hammersley P:
propranolol hydrochloride enhancement of
tumor perfusion and uptake of gallium-67 in a
mouse sarcoma, (J Nucl Med), 27: 243, 1986
Bomsdorf H See Haase A
Bomsdorf H See Haase A
Bomsdorf H See Mathaei D Bomsdorf H See Haase A Bomsdorf H See Matthaei D Bomsder F See Monsaingeon V Bonakdarpour A See Fedullo LM Bonakdarpour A See Levy DW Bonakdarpour A See Pennell RG Bonan R See Gorcos T Bonanni G See Passariello R Bonavita JA See Banner MP Bond AG See Glasscock ME III Bondestam S See Landtman M Bondi F See Mancuso L Bondi F See Mancuso L Bondi F See Mancuso L Bone RC; Fox RI; Howell FV; et al: Sjogren's syndrome: persistent clinical problem, (Radiology). 158: 860, 1986 Bonetti MG See Incalzi RA Bongard FS See Lim RC Bonheim F See Buffo GC Bonhof JA; Kremer H; Schumann G; et al: sonographic appearance of a gastric hemangiopericytoma, (Radiology), 150: 298, Bonhof JA; Linhart P: pseudolesion of the liver caused by rib cartilage in B-mode ultrasonography, (J Ultrasound Med), 4: 135, Boniaszuczuk I See Novitzky D Boniface GR; Suresh MR; Willans DJ; et al: renal tubular receptor imaging with iodine-131-labeled peanut lectin: pharmacokinetics and renal clearance mechanism in animals, (J Nucl Med), 27: 668, 1986 Bonilla-Musoles F; Gil MP; Ramirez JV; et al: echographic images of the fetal intestines during pregnancy: continual sonographic observations, (Radiology), 151: 275, 1984 Bonilla-Musoles F; Ramirez JV; Bickmann HJ: amniotic band syndrome in intrauterine ultrasound diagnosis, (Radiology), 155: 285, 1985 Boniuk M See Font RL Bonnard V See Garel L
Bonnel D; Ferrucci JT Jr; Mueller PR; Lacaine F; Peterson HF: surgical and radiological decompression in malignant biliary obstruction: a retrospective study using multivariate risk factor analysis, (Radiology), 152: 347, 1984

Bonnett DE: fast neutron therapy at Edinburgh: staff protection, (Radiology), 152: 872, 1984

Bonneville J-F; Cattin F; Portha C; et al: computed tomographic demonstration of the posterior pituitary, (AJNR), 6: 889, 1985 Bonsib SM See Weiner CP Bonstelle CT See Han JS Bonte FJ; Ross ED; Chehabi HH; et al: SPECT study Booket in L. See Clares BH.

Bookstein FL. See Glazer GM.

Bookstein FL. See Glazer GM.

Bookstein FL. See Flazer GM. Bookstein FL See Gross BH Bookstein FL See Gowen JS
Bookstein JJ See Bowen JS
Bookstein JJ See Lyon J
Bookstein JJ: hepatocellular carcinoma: recent
advances in diagnosis with iodized oil,
(Radiology), 154: 253, 1985
Bookstein JJ; Alazraki NP; Jassy LN: subselective magnification angiography of experimental pneumonia, (Radiology), 150: 301, 1984

Bools JC See Beltran J
Bools JC; Rose BS: traumatic atlantooccipital
dislocation: two cases with survival, (AJNR), 7: 901, 1986 one D; Parsons D; Lachmann SM; et al: spina he begin or anomaly?, (Radiology), 901.1986 bifida occulta: lesion or anomaly?, (Radio 156: 565, 1985 Bopp P See Perrenoud JJ Boraker DK See Miller DL Borden S IV See Fishman MC Borden TA See Rudy DC Borden 1A See Kudy DC Bore PJ; Galloway GJ; Styles P; et al: are quenches dangerous?, (Magn Res Med), 3: 112, 1986 Borello JA See Buckwalter KA Boren SR See Hackethorn JC Boren SR; Dotter CT; McKinney M; Rosch J: percutaneous removal of ureteral stents, [Folialegion 155: 730, 1084]. Boren SR; Dotter C I; McKinney M; Kosch J;
percutaneous removal of ureteral stents,
(Radiology), 152: 230, 1984
Borer J See Williams DO
Boretos JW See Doppman JL
Borg SA; atlas of obstetrical ultrasonography,
(Radiology), 152: 142, 1984
Borg T See Wegenius G
Borges LF; Heros RC; Debrun G: carotid body
tumors managed with preoperative
embolization. report of two cases, (Radiology),
152: 846, 1984
Bories C See Messine B ISE: 346, 1984
Borise C See Messing B
Borise P See Messing B
Borkowski GP, Buonocore E; George CR; et al:
nuclear magnetic resonance (NMR) imaging in
the evaluation of the liver: a preliminary
experience, (Radiology), 150: 864, 1984 Borlaza GS See Lee F Bormann U See Schulz U Borne GM; Bedou GL; Pinaudeau M: treatment of pedicular fractures of the axis. a clinical study and screw fixation technique, (Radiology), 152: ooz, 1984
Bornisg AW See Haynor DR
Bornstein I; Charboneau JW; Hartman GW:
leiomyoma of the bladder: sonographic and
urographic findings, (J Ultrasound Med), 5: 407,
1986 857, 1984 Bornstein J See Abramovici H Borody TJ See Allen MJ Borovich B; Braun J; Guilburd JN; et al: delayed Borovich B; Braun J; Guilburd JN; et al: delayed onset of traumatic extradural hematoma, (Radiology), 159: 573, 1986
Borowsky LM See Teplick SK
Borrelli Mj; Frizzell LA; Dunn F: ultrasonically induced morphological changes in the mammalian neonatal spinal cord, (Ultrasound Med Biol), 12: 285, 1986
Borrello J See Glazer GM
Borrello JA; Aisen AM; Gebarski SS: comparison of MR relayation times and x-ray attenuation MR relaxation times and x-ray attenuation coefficients of focal brain lesions, (JCAT), 9: 1062, 1985 Borrero GO; Jafri SZH; Vazquez PM; et al: computed tomography of acute renal abscess due to salmonella chester, (Comput Radiol), 10: 41, 1986 Borsato N See Ferlin G
Borten M; Dileo LA; Friedman EA: temporal variations of temperature of the breast by cholesteric liquid crystal contact plate thermography, (Radiology), 150; 856, 1964 Borthne A; Kjellevold K; Kaalbus O; et al: salivary gland malignant neoplasms: treatment and prognosis, (Int J Radiat Oncol Biol Phys), 12: Borthwick-Clarke A See Davies AC Bortolotti M See Bolondi L Borts FT See Masucci EF Borts FT; Rohatgi PK; Sehgal E: bronchogenic cavoatrial tumor thrombus: CT demonstration Borts FT; Rohatgi PK; Sehgal E: bronchogenic cavoatrial tumor thrombus: CT demonstration, (JCAT), 9: 1115, 1985 Bosio U See de Filippi G Boskamp EB: improved surface coil imaging in MR: decoupling of the excitation and receiver coils, (Radiology), 157: 449, 1985 Bosniak MA See Hilton S Bosniak MA See Hilton S Bosniak MA See Hulnick DH Bosniak MA See Multick DH Bosniak MA See Mitnick JS Bosniak MA See Mitnick JS Bosniak MA See Mitnick JS Bosniak MA See Rumancik WM Bosniak MA See Rumancik WM Bosniak MA See Smith SJ Bosniak MA See Smith SJ
Bosniak MA: current radiological approach to renal
cysts. (Radiology), 158: 1, 1986
Bosse M See Gellad FE
Bossen EH See Silverman PM
Bossi MC See Montali G
Boswell WD Jr See Radin DR
Boswell WD Jr See Ralls PW
Boswell WD Jr See Sargent EN
Botel I E See Swith I Botet JF See Smith J
Botet JF; Watson RC; Kemeny N; Daly JM; Yeh S:
cholangitis complicating intraarterial
chemotherapy in liver metastasis, (Radiology),
156: 335, 1985
Bothe A Jr See Lee RGL
Bottcher HD See Wagner W
Botti JM See Wahl RL
Botti RE See Lieberman JM
Bottles K See Dooms CC Botet IF See Smith I Bottles K See Dooms GC

**Bottles** Bottles K See Jeffrey RB Jr Bottles K See Nyberg DA Bottomley PA See Bilaniuk LT Bottomley PA See Edelstein WA Bottomley PA See Zimmerman RA Bottomley PA: NMR in medicine, (Radiology), 153: 858 1984 Bottomley PA: noninvasive study of high-energy phosphate metabolism in human heart by depth-resolved 31 NMR spectroscopy, (Radiology), **158**: 862, 1986 Bottomley PA; Drayer BP; Smith LS: chronic adult cerebral infarction studied by phosphorus NMR spectroscopy, (Radiology), 160: 763, 1986 Bottomley PA; Hart HR Jr; Edelstein WA; Schenck JF; Smith LS; Leue WM; Mueller OM; Redington RW: anatomy and metabolism of the normal human brain studied by magnetic resonance at 1.5 Tesla, (Radiology), 150: 441, Botvinick EH See Crooks LE Botvinick EH See Garrett JS Botvinick EH See Higgins CB Botvinick EH See Lanzer P Botvinick EH See McNamara MT Botvinick EH See Stark DD **Boucaut H See Chatterton BE** Bouchard A See Lipton MJ Boucher CA See Gill JB Boucher CA See Miller SW Boucher CA See Osbakken MD Boucher CA See Strauss HW Boucher D See Brun ? Boucher M; DeVore GR; Platt LD: evaluation of ultrasonic obstetrical parameters by hand-held calculator, (J Ultrasound Med), 4: 75, 1985 Bouchez MC See Dubos JP Bouchier IAD: imaging procedures to diagnose gallbladder disease, (Radiology), 154: 554, 1985 Boudreau RJ See Loken MK Boudreau RJ See Sirr SA Boudreaux GJ See Kizuka H Boulay F; Danchin N; Neimann J-L; et al: echocardiographic features of right atrial thrombi, (JCU), 14: 601, 1986 Boulden TF See Hayden CK Jr Boulden TF See Magill HL Boulier N See Abbatucci JS Boumphrey F See Modic MT Bourdette DN; Rosenberg NL: infiltrative orbitopathy, optic disc edema, and POEMS, (Radiology), 153: 852, 1984 Bourdette DN; Rosenberg NL; Yatsu FM: herpes zoster ophthalmicus and delayed ipsilateral cerebral infarction, (Radiology), 152: 855, 1984 Bourdillon PD See Bettmann MA Bourgeois JP See Haddad E Bourgeois Jr See Handad E. Bourgeois P; Fruhling J; Henry J: postoperative axillary lymphoscintigraphy in management of breast cancer, (Radiology), 151: 563, 1984 Bourgouin P; Dubuc G; Vauclair R; et al: sonographic demonstration of post-abortion intrauterine osseous tissue, (J Ultrasound Med), 4: 507, 1985 Bousnina A See Mechmeche R Bousvaros A; Kirks DR; Grossman H: imaging of neuroblastoma: overview, (Pediatr Radiol), 16: Boutin H See Grignon A Boutwell WC See Duara S Bouysse S See Laval-Jeantet AM Bova JG; Friedman AC; Weser E; et al: adaptation of the ileum in nontropical sprue: reversal of the jejunoileal fold pattern, (AJR), 144: 299, 1985 Bova JG; Kamath V; Tio FO; et al: normal mucosal surface pattern of the duodenal bulb: radiologic-histologic correlation, (AJR), 145: 735, 1985 Bove KE See Babcock DS Boven FA See Claes HP Boverie J See Pringot J Bovicelli L See Orsini LF Bowen A See Ledesma-Medina J Bowen A See Pedicelli G Bowen A See Segel MC Bowen A; Oudjhane K; Odagiri K; et al: plastic bronchitis: large, branching, mucoid bronchial casts in children, (AJR), 144: 371, 1985 Bowen A III See Kawanami T Bowen BJ See Sherman JL Bowen JR See Kumar SJ

Bowen JK See Kumar SJ Bowen JS; Bookstein JJ; Johnson AD; Peterson KL; Moser KM: wedge and subselective pulmonary angiography in pulmonary hypertension secondary to venous obstruction, (Radiology), 155; 599, 1985

Bowerman RA See Pennes DR Bowerman RA; Den rennes DR
Bowerman RA; Donn SM; DiPietro MA;
D'Amato CJ; Hicks SP: periventricular
leukomalacia in the pre-term newborn infant:
sonographic and clinical features, (Radiology),
151: 383, 1984 Bowerman RA; Donn SM; Silver TM; et al: natural history of neonatal nistory of neonatai periventricular/intraventricular hemorrhage and its complications: sonographic observations, (AJNR), 5: 527, 1984 Bowerman RA; McCracken S; Silver TM; et al: Bowerman RA; McCracken 5; 511ver 1 M; et al: abdominal and miscellaneous applications of intraoperative ultrasound, (Radiol Clin North Am), 23: 107, 1985 Bowerman RA; Samuels BI; Silver TM: ultrasonographic features of hepatic adenomas in type I glycogen storage disease, (Radiology), 150: 298, 1984 Bowerman RA; Zwischenberger JB; Andrews AF; et al: cranial sonography of the infant treated with extracorporeal membrane oxygenation, (AJNR), 6: 377, 1985 Bowers JE See DelBalso AM Bowers WP See Kinnison ML Bowes KL See Styles CB Bowie JD See Artis AA III Bowie JD See Baker ME Bowie JD See Baker ME Bowie JD See Cooper C Bowie JD See Fein AB Bowie JD See Hertzberg BS Bowie JD See Kirks DR Bowie JD See Mahony BS Bowie JD See Nelson PA Bowie JD See Rosenberg ER Bowie JD See Tamas DE Bowie JD; Rosenberg ER; Andreotti RF; et al: changing sonographic appearance of fetal kidneys during pregnancy, (Radiology), **152**: 866, 1984 Bowles CR See Daves ML Bowles CR See Daves ML
Bowles CR, Daves ML: ramus limbi dextri:
demonstration by coronary angiography,
(Radiology), 155: 574, 1985
Bowles JN See Thomas ML
Bowman ED See Perry RNW
Bowman RL See Doppman JL
Bowyer FM See Clements R Boxen I: inability of bone and gallium imaging to differentiate acute gouty arthritis from septic arthritis, (Clin Nucl Med), 11: 443, 1986 Boxer RA; Fishman M; LaCorte MA; et al: cardiac MR imaging in Pompe disease, (JCAT), 10: 857, 1986 Boxt LM See Fried R Boxt LM See Gardiner GA Jr Boxt LM See Levin DC Boxt LM See Meyerovitz MF Boxt LM: basic concepts of digital subtraction angiography, (Radiology), 153: 362, 1984 Boxt LM: digital imaging in cardiovascular radiology, (Radiology), 153: 736, 1984 Boxt LM: digital radiography, (Radiology), 153: 624, 1984

Boxt LM: digital radiography: a focus on clinical utility. (Radiology), 151: 22, 1984

Boxt LM: information processing in medical imaging, (Radiology), 156: 720, 1985

Boxt LM: nuclear magnetic resonance (NMR) imaging, (Radiology), 159: 134, 1984

Boxt LM: recent developments in digital imaging, (Radiology), 159: 110, 1986

Boxt LM; Meyerovitz MF; Taus RH; Ganz P; Friedman PL; Levin DC: side branch occlusion complicating percutaneous transluminal coronary angioplasty, (Radiology), 161: 681, 1986

Boyadjis TA; D'Altorio RA: orbital involvement by multiple myeloma: case report, (CT), 10: 145, 1986 1986
Boyages J: problem of local control in patients with
advanced breast cancer—combined modality
approach, (Australas Radiol), 30: 60, 1986
Boyce BF See McKillop JH
Boyd CM See Seabold JE
Boyd CM See Seabold JE
Boyd CM See Seabold JE
Boyd DP See Assimakopoulos PA
Boyd DP See Lipton MJ
Boyd KD Thomas SI: Gold Let all prospective

Boyd KD; Thomas SJ; Gold J; et al: prospective study of complications of pulmonary artery catheterizations in 500 consecutive patients, (Radiology), 151: 546, 1984 Boyd NF; O'Sullivan B; Fishell E; et al:

Boyd NF; O'Sullivan B; Fishell E; et al:
mammographic patterns and breast cancer risk:
methodologic standards and contradictory
results, (Radiology), 154: 558, 1985
Boye E; Lindegaard MW; Paus E; et al: whole-body
distribution of radioactivity after
intraperitoneal administration of <sup>32</sup>P colloids,
(Radiology), 154: 571, 1985
Boyer M See Malnor MD
Boyer B, Sea Armington WC

Boyer R See Armington WG
Boyer RS; Jaffe RB; Nixon GW; et al: trampoline
fracture of the proximal tibia in children, (AJR),
146: 83, 1986

Boyez M See Sebag A Boykin M See Bauman JM
Boyko OB; Becker GJ; Burt RW; et al: application of
SPECT scanning with I-123 HIPDM to forensic
medicine, (JCAT), 10: 885, 1986 Boyle MJ See Sirr SA Boynton BR See Edwards DK Boyntion BR See Levin DC
Bozeman RE See Zerhouni EA
Bozynski ME; Naglie RA; Russell EJ; real-time
ultrasonographic surveillance in the detection
of CNS involvement in systemic Candida
infection, (Pediatr Radiol), 16: 235, 1986 Bozza A See Dal Pozzo G Braakman R See van Dongen KJ Bracchi M See Casazza M Brachman MB; Tanasescu DE; Ramanna L; Waxman AD: acute gangrenous cholecystitis: radionuclide diagnosis, (Radiology), 151: 209, 1984 Brace JA See Tate T Brackmann DD See Lo WWM Brackmann DE See Barrs DM Brackmann DE See Gherini SG Brackmann DE See Horn KL Brackmann DE See Lo WWM

Bradac GB See Schorner W

Bradac GB; Ferszt R; Bender A; et al: peritumoral
edema in meningiomas: radiological and
histological study, (Neuroradiol), 28: 304, 1986 Bradford BF See Lorenzo RL
Bradford BF See Pappu LD
Bradford BF See Pappu LD
Bradford R; Griffiths MH; Goldstraw P:
hypertrophic pulmonary osteoarthropathy in
association with a bronchial carcinoid tumour,
(Radiology), 154: 847, 1985
Bradley B See Guthaner DF

Bradley BR See Burbank FH Bradley PJ See Vallis MP Bradley WG Jr See Davis PL Bradley WG Jr See Flannigan BD Bradley WG Jr See Holshouser BA Bradley WG Jr See McMurdo SK Jr Bradley WG Jr See Waluch V

Bradley WG Jr: comparing costs and efficacy of MRI, (AJR), 146: 1307, 1986

(AJR), 146: 1307, 1986

Bradley WG Jr; Kortman KE; Burgoyne B: flowing cerebrospinal fluid in normal and hydrocephalic states: appearance on MR images, (Radiology), 159: 611, 1986

Bradley WG Jr; Kortman KE; Crues JV: central nervous system high-resolution magnetic resonance imaging: effect of increasing spatial resolution on resolving power, (Radiology), 156: 93, 1985

Passimitor of resolving power, (kadiology), 158: 93, 1985 bradley WG Jr; Opel W; Kassabian JP: magnetic resonance installation: siting and economic considerations, (Radiology), 151: 719, 1984 bradley WG Jr; Schmidt PG effect of methemoglobin formation on the MR appearance of subarachnoid hemorrhage, (Radiology), 156: 99, 1985 bradley WG Jr; Waluch V: blood flow: magnetic resonance imaging, (Radiology) 154: 443, 1985 bradley WG Jr; Waluch V: Lai K-S; et al: appearance of rapidly flowing blood on magnetic resonance images, (AJR), 143: 1167, 1984 bradley WG Jr; Waluch V; Yadley RA; Wycoff RR: comparison of CT and MR in 400 patients with suspected disease of the brain and cervical spinal cord, (Radiology), 152: 695, 1984 bradpiece HA See Gibson RN Bradshaw A See Dawson P Bradshaw JD: special report: the stereotactic

Bradshaw JD: special report, the stereotactic radiosurgery unit in Sheffield, (Clin Radiol), 37: 277, 1986

Brady LW; Cox JD; Markoe AM: clinical summary: challenge of local tumor control and its impact on survival, (Int J Radiat Oncol Biol Phys), 12: 705, 1986

Brady LW; Davis LW; Levitt SH; et al: report from the trustees of the American Board of Radiology, (Int J Radiat Oncol Biol Phys), 12: 993, 1986

Brady LW; Markoe AM; Fisher S; president's address: cancer cure with organ preservation using radiation therapy, (Radiology), 160: 1, 1986 Brady LW; Perez CA; Bedwinek JM: failure patterns in gynecologic cancer, (Int J Radiat Oncol Biol Phys), 12: 549, 1986 Brady LW Jr See Markoe AM

Brady LW Jr See Markoe AM
Brady LW Jr: Radiological Society of North America,
seventy-first scientific assembly and annual
meeting, McCormick Place, Chicago, Illinois,
(Radiology), 156: 550, 1985
Brady LW Jr; Campbell RE: Eugene P. Pendergrass
New Horizons for Radiologists Lecture,
(Radiology), 156: 841, 1985
Brady LW Jr; Eyler WR: note of thanks, (Radiology),
157: 831, 1985
Brady MB See Lecklitner ML
Brady MB Broadon BG: cardiac herniation and

Brady MB; Brogdon BG: cardiac herniation and volvulus: radiographic findings, (Radiology), 161: 657, 1986

Bower JS See D'Alonzo GE Bowerman RA See Carson PL Bowerman RA See Donn SM

Bowerman RA See Gebarski SS Bowerman RA See Knake IE

Brady MB; Ewing RH; Robinson AE; et al: flank
mass and pain in a 72-year-old man, (Invest
Radiol), 21: 419, 1986
Brady TJ See Edelman RR
Brady TJ See Greif WL
Brady TJ See Greif WL
Brady TJ See Louffer RB
Brady TJ See Louffer RB
Brady TJ See McGinnis BD
Brady TJ See Rosen BR
Brady TJ See Rosen BR
Brady TJ See Rosen BR
Brady TJ See Stort SA
Brady TJ See Stratemeier EJ
Brady T Brady MB; Ewing RH; Robinson AE; et al: flank pseudomasses due to varices: angiographic-CT-MRI-pathologic correlations, (AJR), 145: 301, 1985 Braga CA See Hricak H Bragg DG See Keats TE Bragg DG: annual oration 1985. tribute to Henry Seymour Kaplan, M.D., (Radiology), 159: 289, Bragg DG; Colby TV; Ward JH: annual oration 1985: new concepts in the non-Hodgkin lymphomas radiologic implications, (Radiology), 159: 291, Brahame F See Scheible WF Brahme A: physical and biologic aspects on the optimum choice of radiation modality, (Radiology), **150**: 872, 1984 (radiology), 130: 572, 1784

Braillon A, Rewert R, Remond A; et al: transcatheter embolization of liver capsule perforation during transvenous liver biopsy, (Gastrointest Radiol), 11: 279, 1986 Braithwaite M See McLaughlin SJ Braitinger S See Heller H Braitinger S See Heller H
Bramble J See Pretorius DH
Brambs HF See Holstege A
Brambs HF See Holstege A
Brambs H-J See Spamer C
Brambs H-J; Billmann P; Hoppe-Seyler P; et al:
esophagus after injection sclerotherapy of
varices, (Radiology), 159: 575, 1986
Brambs HJ; Spamer C; Volk B; et al: diagnostic
value of ultrasound in duodenal stenosis,
(Gastrointest Radiol), 11: 135, 1986
Bramhava D See Grossman ZD
Bramlet R; Tobochnik N; Sischy B: endocavitary
contact x-ray applicator system for the treatmen
of rectal carcinoma, (Radiology), 156: 864, 1985
Brammer HM See Derrig P
Brand CA See Littlejohn GO
Brand F See Savage DD
Brandon J; Glick SN; Teplick SK: intestinal
giardiasis: importance of serial filming, (AJR),
144: 581, 1985
Brandt G See Fisher MR
Brandt LJ See Wolf EL
Brandt LJ, See Wolf EL
Brandt LJ, See Wolf EL
Brandt LJ, Katz HJ; Wolf EL; et al: simulation of
colonic carcinoma by ischemia, (Radiology), 156
568, 1986 Bramble J See Pretorius DH

ic carcinoma by ischemia, (Radiology), 158:

Brandt LJ. See Wolf EL
Brandt LJ. Katz HJ; Wolf EL; et al: simulation of
colonic carcinoma by ischemia, (Radiology). 158
Brandt M See Konig H-J
Brandt TD; Levy EB; Grant TH; Marut E; Leland J:
endometrial echo and its significance in female
infertility, (Radiology). 157: 225, 1985
Brannen GE See Bush WH
Brannen GE; Bush WH; Correa RJ; et al: kidney
stone removal: percutaneous versus surgical
lithotomy. (Radiology). 156: 271, 1985
Brantty PS See Derima SJ
Brantty PN See Derenta SJ
Brantty PN See Derenta EA
Brantly PN See Zerhouni EA
Brant-Zawadzki M See Burke DR
Brant-Zawadzki M See Burke DR
Brant-Zawadzki M See Burke DR
Brant-Zawadzki M See Dillon WP
Brant-Zawadzki M See Eubanks BA
Brant-Zawadzki M See Eubanks BA
Brant-Zawadzki M See Eubanks BA
Brant-Zawadzki M See Goodman PC
Brant-Zawadzki M See Goodman PC
Brant-Zawadzki M See Guyon JJ
Brant-Zawadzki M See Holland BA
Brant-Zawadzki M See Kojs BO
Brant-Zawadzki M See McCarthy SM
Brant-Zawadzki M See McMurdo SK Jr
Brant-Zawadzki M See Sye G
Brant-Zawadzki M See Sye G
Brant-Zawadzki M See Norman D
Brant-Zawadzki M See Norman D
Brant-Zawadzki M See Sye G
Brant-Zawadzki M See Norman D
Brant-Zawadzki M See Sye G

Brant-Zawadzki M; Bartkowski HM; Ortendahl DA; et al: NMR in experimental cerebral edema value of T1 and T2 calculations, (AJNR), 5: 125, 1984

t-Zawadzki M; Bartkowski HM; Ortendahl DA; et al: NMR in experimental cerebral edema: value of T1 and T2 calculations, (Radiology),

Brant-Zawadzki M; Berry I; Osaki L; et al: Gd-DTPA in clinical MR of the brain: 1. intraaxial lesions, (AJNR), 7: 781, 1986

Brant-Zawadzki M; Fein G; Van Dyke C; et al: MR imaging of the aging brain: patchy white-matter lesions and dementia, (AJNR), 6: 675, 1985

Brant-Zawadzki M; Kelly WM; Kjos BO; et al: magnetic resonance imaging and characterization of normal and abnormal intracranial fluid (CSF) spaces, (Radiology), 156: 860, 1985

Brant-Zawadzki M; Norman D; Newton TH; Kelly WM; Kjos BO; Mills CM; Dillon W; Sobel D; Crooks LE: magnetic resonance of the brain: the optimal screening technique, (Radiology), 152:71, 1984

Brant-Zawadzki M; Pereira B; Weinstein P; et al: MR imaging of acute experimental ischemia in cats, (AJNR), 7: 7, 1986
Brant-Zawadzki MN See Sze G

Brant-Zawadzki MN See Sze G
Brardac GB; Kaden B; Nussel F; et al: follow-up of
patients with proved occluded internal carotid
artery. clinical and angiographic correlation,
(Radiology), 151: 265, 1984
Braren HV See Winfield AC
Brasch RC See Ehman RL

Brasch RC See Gooding CA Brasch RC See Lallemand DP Brasch RC See McNamara MT Brasch RC See Moore SG Brasch RC See Onik G Brasch RC See Revel D

Brasch RC See Stark DD Brasch RC See Weinmann H-J

Brasch RC See Wesbey GE
Brasch RC; Gooding CA; Lallemand DP;
Wesbey GE: magnetic resonance imaging of the
thorax in childhood, (Radiology), 150: 463, 1984

Brasch RC; Weinmann H-J; Wesbey GE; contrast-enhanced NMR imaging: animal studies using gadolinium-DTPA complex, (AJR), 142: 625, 1984

Brasch RC; Wesbey GE; Gooding CA; Koerper MA: magnetic resonance imaging of transfusional hemosiderosis complicating thalassemia major, (Radiology), **150**: 767, 1984

Brashear HR See Coslett HB Brashear HR See Shirkhoda A Brasnu DF See Lacourreye H Bratcher GO See Myer CM III

Brateman L See Babcock EE Brateman L See Weinreb JC

Brateman L: chemical shift imaging: review, (AJR), 146: 971, 1986 Bratton CB See Hopkins AL

Brauer M; Penney HF; Janowska-Wieczorek
A; et al: cryoprotective effects of dimethyl
sulfoxide on human bone marrow as studied by <sup>31</sup>P nuclear magnetic resonance spectroscopy, (Magn Res Med), 3: 203, 1986

Braun H See King ME Braun IF See Barrow DI Braun IF See Landman JA Braun IF See Malko JA

Braun IF; Aiken RE; Spalding WW; et al: real-time fluoroscopic digital subtraction, (AJNR), 5: 214,

Braun IF; Hoffman JC Jr: computed tomography of the buccomasseteric region: 1. anatomy, (AJNR),

Braun IF; Hoffman JC Jr; Casarella WJ; et al: use of coils for transcatheter carotid occlusion, (AJNR), 6: 953, 1985

Braun IF; Hoffman JC Jr; Davis PC; et al: contras enhancement in CT differentiation between recurrent disk herniation and postoperative scar: prospective study, (AJNR), 6: 607, 1985

Braun IF; Hoffman JC Jr; Malko JA; Pettigrew RI; Dannels W; Davis PC: jugular venous thrombosis: MR imaging, (Radiology), 157: 357,

Braun IF; Hoffman JC Jr; Reede D; et al: compu

brain Ir; Froffman K. Jr; Receue U; et al: computed tomography of the buccomasseteric region: 2. pathology, (AJNR), 5: 611, 1984
Brain IF; Lin JP; Benjamin MV; et al: computed tomography of the asymptomatic postsurgical lumbar spine: analysis of the physiologic scar, (AJR), 142: 149, 1984

Braun IF; Lin JP; George AE; et al: pitfalls in the computed tomographic evaluation of the lumbar spine in disc disease, (Radiology), 153: 279, 1984

Braun IF; Torres WE; Landman JA; et al: computed tomography of benign masseteric hypertrophy, (ICAT), 9: 167, 1985

Braun J See Borovich B Braun S See Carson CC Braun SD See Cohan RH Braun SD See Dunnick NR Braun SD See Ford KK Braun SD See Illescas FF Braun SD See Miller GA Jr Braun SD See Perlmutt LM Braun SD See Sussman SK

Braun SD See Sussman SA Braun SD; Illescas FF; Fagert T; et al: measuring abdominal aortic aneurysms on digital subtraction arteriograms, (AJR), 144: 997, 1985 Braun SD; Miller GA Jr, Ford KK; et al: nitrous

oxide: effective analgesic for vascular and interventional procedures, (AJR), 145: 377, 1985

Braun SD; Newman GE; Dunnick NR: digital splenoportography. (AJR), 144: 1003, 1985
Braun SD; Newman GE; Ford KK; et al: ventilation-perfusion scanning and pulmonary angiography: correlation in clinical high-probability pulmonary embolism, (AJR), 143: 977, 1984

Braunschweiger PG; Schiffer LM; Furmanski P: <sup>1</sup>H-NMR relaxation times and water compartmentalization in experimental tumor models, (Magn Res Imag), 4: 335, 1986

Braunschwiger PG; Schiffer LM; Furmanski P: measurement of extracellular water volumes in tissues by gadolinium modification of 'H-NMR spin lattice (T1) relaxation, (Magn Res Imag), 4: 285, 1986

Braunstein EM See Aisen AM Braunstein EM See Blane CE Braunstein EM See Lynn MD Braunstein EM See White SJ

Braunstein EM; Goldstein SA; Ku J; et al: computed tomography and plain radiography in experimental fracture healing, (Skeletal Radiol), 15: 27, 1986

Braunstein EM; Louis DS; Greene TL; et al: fluoroscopic and arthrographic evaluation of carpal instability, (AJR), 144: 1259, 1985

Braunstein EM; Weissman BN; Sosman JL; et al: complications of intertrochanteric rota osteotomy, (Radiology), 154: 556, 1985 Braunstein P See Miller DR Braunwald E See Williams DO

Braver J See Shapir J
Braver J See Shapir J
Braver JM; Jones TB; Brooks JR: sonographic
appearance of the pancreatic duct following
transampullary septectomy, (J Ultrasound Med),
5: 459, 1986

Braverman LE See Becker DV Braverman RM See Siegelman SS Bray BE See Hardin CV Bray CL See Ramsdale DR Bray JF See Hamlin JA

Bray JF: "inverted V" sign of pneumoperitoneum, (Radiology), 151: 45, 1984

Bray ST See Dee PM Bravden GP See Johnson MR

Brazeau-Lamontagne L; Charlin B; Levesque R-Y; Lussier A: cricoarytenoiditis: CT assessment in rheumatoid arthritis, (Radiology), 158: 463, 1986 Breatnach E See Fraser RG

Breatnach E; Abbott GC; Fraser RG: dimensions of the normal human trachea, (AJR), 142: 903, 1984

Breatnach ES; Nath PH; Delany DJ: role of computed tomography in acute and subacute mediastinitis, (Clin Radiol), 37: 139, 1986 Breatnach E; Stanley RJ; Bueschen AJ; CT demonstration of spontaneous extrusion of staghorn calculus, (JCAT), 10: 346, 1986

Breatnach E; Stanley RJ; Carpenter JT Jr: intrarenal chloroma causing obstructive nephropathy: CT characteristics, (JCAT), 9: 822, 1985

Breatnach ES See Chakraborty DP Breatnach ES; Han SY; Rahatzad MT; et al: CT evaluation of glucagonomas, (JCAT), 9: 25, 1985 Breatnach ES; Nath PH; McElvein RB: preoperative evaluation of bronchiectasis by computed tomography, (JCAT), 9: 949, 1985 Brechbiel MW See Di Chiro G

Brecht K; Johnson CM III: complete mandibular agenesis. report of a case, (Radiology), 157: 857,

agen 1985 Breckenridge RE See Franken EA Jr

Breckle R See Hill LM Breckle R See Ragozzino MW Breda M See Danza FM

Bree RL See Benson M Bree RL See Glazer GM Bree RL See Jafri SZH

Bree RL See Raiss GJ Bree RL See Samuels BI

Bree RL See Schultz SR

Bree RL; Schwab RE: interventional techniques in the female pelvis, (Clin Diagn Ultrasound), 15: 157, 1984

Breen JF See Carlson HC Breger RK See Kilgore DP Breisblatt WM; Berger RB; Cabin HS; et al: unsuspected left ventricular pseudoaneurysm, (AJR), 142: 680, 1984 Bremer AM See Eisenberg RA

Bremer PO See Sundrehagen E

Brenbridge AN; Chevalier RL; Kaiser DL: increased renal cortical echogenicity in pediatric renal disease: histopathologic correlations, (JCU), 14: 595, 1986

Brendel AJ See Barat J-L

Brendel AJ See Barat J-L, et al: radionuclide angiographic demonstration of systemic lung arterialization with arteriovenous fistulas, (Radiology), 151: 276, 1984

Brendel AJ; Leccia F; Drouillard J; San Galli F; Eresue J; Wynchank S; Barat J-L; Ducassou D: Eresue J; Wynchank S; Barat J-L; Ducassou D: single photon emission computed tomography (SPECT), planar scintigraphy, and transmission computed tomography: a comparison of accuracy in diagnosing focal hepatic disease, (Radiology), 153: 527, 1984 Brendel AJ; Wynchank S; Choussat A; et al:

preunet AJ; wyncnank S; Choussat A; et al: radionuclide studies in postoperative evaluation of the Fontan procedure, (AJR), 143: 737, 1984 Brendler CB; Albertsen PC; Goldman SM; et al: acquired renal cystic disease in the end stage kidney: urological implications, (Radiology), 155: 851, 1985

Brennan J See Strickland B Brennan MD See Forbes G Brennan MF See Doppman JL Brennan SS See O'Connor MK Brenner JI See Ringel RE Brenner S See Zaltzman S Brennhovd IO See Host H Brennhovd IO See Vermund H Brenoit P See Pernes JM Brereton RJ See Carty H Breslau PJ See Krepel VM Breslau PJ See van Andel GJ Bresnitz EA See Epstein DM Bressler EL See Atlas SW

Bressler EL; Conway JJ; Weiss SC: bone scintigraphy in neonatal osteomyelitis: reply, (Radiology), 154: 835, 1985

Bressler EL; Conway JJ; Weiss SC: neonatal osteomyelitis examined by bone scintigraphy, (Radiology), 152: 685, 1984

Bressler EL; Vogelzang RL; Atlas SW; et al: radiation injury to the axillary artery present as distal thromboembolism, (AJR), 143: 1079, 1984

Bret P See Bret PM Bret PM See Anjou A Bret PM See Herba MJ

Bret PM; Bretagnolle M; Fond A; et al: use of large seilicone catheters in patients with long-term percutaneous transhepatic biliary drainage, (Cardiovasc Intervent Radiol), 9: 57, 1986

Bretagnolle M; Gaillard D; Plauchu H; Labadie M; Lapray J-F; Roullaud Y; Cooperberg PL: small, asymptomatic angiomyolipomas of the kidney, (Radiology), 154; 7, 1985

154: 7, 1985
Bret PM; Fond A; Casola G; Bretagnolle M;
Germain-Lacour MJ; Bret P; Labadie M;
Buffard P; abdominal lesions: prospective study
of clinical efficacy of percutaneous fine-needle
biopsy. (Radiology), 159: 345, 1986
Bret PM; Sente J-M; Bretagnolle M; et al:
ultrasonically guided fine-needle biopsy in
focal intrahepatic lesions: six years' experience,
(J Canad Assoc Radiol), 37: 5, 1986

Bretagnolle M See Bret PM

Bretagnolle M See Bret PM
Bretagnolle M See Casola G
Bretan PN Jr; Busch MP; Hricak H; et al: chronic
renal failure: significant risk factor in the
development of acquired renal cysts and renal
cell carcinoma: case reports and review of the
literature, (Radiology), 161: 574, 1986
Breton E See Le Bihan D

Breton G See Lafortune M Bretsky SS See Huvos AG Bretzke C See Crass JR Brewer DK See Mercker JM Brewer G See Aisen AM Brewer M See Hunter TB Brewer ML See Stanisic TH Brewer WH See Allen HA III Brewer WH See Bundrick TJ Brewer WH See Cook DE Brewer WH See Haynes JW Brewer WH See Vick CW Breyer B See Kurjak A Brezovich IA See Lilly MB Bricout PB See Krithivas G

Bridges R; Runyon BA; Hamlin JA; et al: sclerotherapy induced pseudo-carcine (Radiology), 155: 849, 1985 Brigg DJ See Anderson H

Briggs R See Berman L Briggs RW See Mamourian AC Brigham SC See Grossman ZD

Brigham SC. See Grossman ZD Bright J See Halden WJ Jra Brightman RC See Chervenak FA Brihaye C; Butler Ta; Knapp FF Jr; et al: new osmium-191/iridium-191m radionuclide generator system using activated carbon, (J Nucl Med), 27: 380, 1986

Med), 27; 380, 1986
Brill AB Ser Yamamoto K
Brill CB; Peyster RG; Hoover ED; et al: giant
intracranial aneurysm in a child with tuberous
sclerosis: CT demonstration, (JCAT), 9: 377, 1985
Brill PW See Kleinman PK

Brill PW See Winchester P Briller RA See Keller MW

Brincat S; Mantell BS: case report: partial relapse of Bell's palsy following superficial radiotherapy to a basal cell carcinoma in the temple, (Clin Radiol), 37: 411, 1986

Radiol), 37: 411, 1986

Frindle JS, Benson RC Jr; Martinez A; et al: acute toxicity and preliminary therapeutic results of pelvic lymphadenectomy combined with transperineal interstitial implantation of 192 IR and external beam radiotherapy for locally advanced prostate cancer, (Radiology), 156: 864, 1985 1985

Brindley DC See Park H-M

Brindley DC See Baldy RE
Brindley GS See Baldy RE
Brindza D; Moodie DS; Wyllie R; et al: intravenous
digital subtraction angiography to assess
pulmonary artery anatomy in patients with the
Alagille syndrome, (Radiology), 156: 263, 1985

Briner J See Schinzel A
Brink JA; Sheets PW; Dines KA; et al: quantitative
assessment of burn injury in porcine skin with
high-frequency ultrasornic imaging, (Invest
Radiol), 21: 645, 1986

Brinker RA See Joshi KB Brinkmann H; Gunther M: increased incidence of contrast medium reactions in children undergoing urography after accidents, (Radiology), 153: 274, 1984 Brinsko RE See Kenney PJ Brinsko RE See Panicek DM

Brion JP; Depauw L; Kuhn G; et al: role of computed tomography and mediastinoscopy in preoperative staging of lung carcinoma, (JCAT), 9: 480, 1985

Brisman J See Lundstedt C Brito AC See Gamsu G
Brito AC See Goldberg HI
Brito AC See Hirji M
Britt EJ See Haponik EF
Britt RH See Enzmann DR
Britt RH See Helle TL Britt RH See Lyons BE Britt RH See Samulski TV

Britt RH; Enzmann DR: clinical stages of human brain abscesses on serial CT scans after contrast

brain abscesses on serial CT scans after contrinfusion. computerized tomographic, neuropathological, and clinical correlations, (Radiology, 152: 853, 1984
Britt RR See Enzmann DR
Britton KE See Epenetos AA
Brizendine M See Ginzton LE
Broaddus SB See Campbell RJ
Broadwater JR See Williamson MR
Broch D. Waller JP. Hollister disk and box syst

Brock Browleller PK: Hollister disk and bag system for intractable pericatheter leakage: method for controlling psychological and physical disability, (AJR), 146: 869, 1986 Brock WA See Peters LJ

Brockmann WP; Klapdor R: palliative punctures in polycystic liver and kidney disease under sonographic monitoring, (Radiology), 158: 566,

Brockmann WP; Maas R; Voigt H; et al: changes in peripheral lymph nodes as seen via sonography, (Radiology), **158**: 863, 1986

Brodack JW; Kilbourn MR; Welch MJ; et al: application of robotics to radiopharmaceutical preparation: controlled synthesis of fluorine-18  $16\alpha$ -fluoroestradiol-17 $\beta$ , (J Nucl Med), **27**: 71**4**,

Brodell GK See Rao BK Broder GJ See Gatenby RA Brodner RA See McCormack J

Brodsky Cl. See Manzione JV Brodsky L; Yoshpe N; Ruben RJ: clinical-pathological correlates of congenital subglottic hemangiomas, (Radiology), 152: 254, 1984

hemangiomas, (Radiology), 152: 254, 1984
Brody AS: tomodensitometric corps entier
(computed tomography of the body),
(Radiology), 158: 694, 1986
Brody AS; 5aks BJ; Field DR; Skinner SR;
Capra RE: artifacts seen during CT pelvimetry:
implications for digital systems with scanning
beams, (Radiology), 160: 269, 1986
Brody BA See DiPietro MA
Brody JM; Miller DK; Zeman RK; Klappenbach RS;
Jaffe MH; Clark LR; Benjamin SB; Choyke PL:
gastric tuberculosis: manifestation of acquired
immunodeficiency syndrome, (Radiology), 159:
347, 1986 347 1986

Brody WR See Burbank FH

**Brody WR See Lewis BD** 

prody WK See Lewis BD
Brogdon BG See Brady MB
Brogdon BG See Hughes JJ
Brogdon BG See Kinard RE
Brogdon BG See Machen BC
Brogdon BG; Arcement LJ: case report 388, (Skeletal
Radiol), 15: 503, 1986
Broker MJ Geo Belee CP

Broker MH See Baker SR
Broker MH; Baker SR: calcification in the portal

Broker MH; Baker SR: calcification in the vein wall demonstrated by computed tomography, (JCAT), 9: 444, 1985 Brolin I See Dernevik L Bron KM See Dominguez R Bron KM See Ledesma-Medina J Bron KM See Wozney P Bron KM See Zajko AB

Bron KM See Zajko ÅB
Bronen RA; Glick SN; Teplick SK: diffuse
lymphoid follicles of the colon associated with
colonic carcinoma. (AJR.) 142: 105, 1984
Bronner MH; Marsh WH; Stanley JH:
pancreaticopleural fistula: demonstration by
computed tomography and endoscopic
retrograde cholangiopancreatography. (CT), 10:
167, 1986

Bronskill MJ See Henkelman RM
Bronskill MJ See Peon PY
Bronstein SL See Westesson P-L
Brooke OG, Lucas A: metabolic bone disease in
preterm infants, (Radiology), 160: 288, 1986
Brooke AF Jr See Hannan EK
Brooker AF Jr See Magid D
Brookes GB, Graham MD: post traumatic
cholesteatoma of the external auditory canal,
(Radiology), 155: 281, 1985
Brookland R See Gatenby RA
Brookland R K; Richter MP: postoperative
irradiation of transitional cell carcinoma of the
renal pelvis and ureter, (Radiology), 157: 864,
1985

1985
Brooks BS See Coker NJ
Brooks BS; El Gammal T: metrizamide CT
ventriculography in the evaluation of a
pseudoballooned fourth ventricle, (AJNR), 5:
825, 1984

825, 1984

Brooks BS; El Gammal T; Van Tassel P; et al: C1-C2
myelography with iohexol and metrizamide:
comparative study, (AJNR), 6: 935, 1985

Brooks FP, radiologic exploration of the
gastrointestinal tract: an interdisciplinary
enterprise, (Radiographics), 6: 160, 1986

Brooks GB See Kingsley DPE

Brooks JR See Braver JM

Brooks KM See Mandell GA

Brooks N See Lyons J

Brooks RA See Di Chiro G

Brooks RA See Finn EJ

Brooks RA See Finn EJ

Brooks W, Field I: Irving MG; et al: in vivo

Brooks RA See Finn EJ
Brooks WM, Field J; Irving MG; et al: in vivo
determination of <sup>31</sup>P spin relaxation times (T<sub>1</sub>,
T<sub>2</sub>, T<sub>3</sub>) in rat leg muscle. use of an off-axis
solenoid coil, (Magn Res Imag), 4: 245, 1986
Brosb RJ See Maslack MM
Brose A; Vashisha K; O'Loughlin BJ: azarcon por
empacho—another cause of lead toxicity,
(Radiology), 152: 255, 1984
Brost P See Montalvo BM
Broth F See Green N

Brost P See Montalvo BM
Broth E See Green N
Broth TG; Gelfand MJ; Williams CC; Spilker JA;
Hertzberg VS: frequency and patterns of
abnormality detected by iodine-123 amine
emission CT after cerebral infarction,
(Radiology), 158: 729, 1986
Brouhard B See Hayden CK Jr
Brouwer WFM See Hopman WPM
Brower AC See Curtis DJ
Brower AC; Allman RM: neuropathic
osteoarthropathy, (Radiology), 157: 567, 1985
Brower AC; Worsham GF; Dudley AH: ErdheimChester disease: a distinct lipoidosis or part of
the spectrum of histiocytosis?, (Radiology), 151:
35, 1984
Brown A: Carty H: segmental dilatation of the

35, 1984

Brown A; Carty H: segmental dilatation of the ileum, (Radiology), 154: 275, 1985

Brown AP; Greening WP; McCready VR; et al: radioiodine treatment of metastastic thyroid carcinoma: the Royal Marsden Hospital experience, (Radiology), 153: 862, 1984

Brown AS See Butch RJ, Brown AS See Mueller PR

Brown A5 See Mueller PR: controlled percutaneous gastrostomy: nylon T-fastener for fixation of the anterior gastric wall: reply, (Radiology), 160: 278, 1986

Brown AS; Mueller PR; Ferrucci JT Jr: controlled percutaneous gastrostomy: nylon T-fastener for fixation of the anterior gastric wall, (Radiology), 158: 543, 1986

158: 543, 1986
Brown AS; Mueller PR: Ferrucci JT Jr: transhepatic removal of obstructed Carey-Coons biliary endoprosthesis, (Radiology), 159: 555, 1986
Brown BC; Gallery CA; Badger RS; et al: incomplete lysis of thrombus in the moderate underlying atherosclerotic lesion during intracoronary infusion of streptokinase for acute myocardial infarction: quantitative angiographic observations, (Radiology), 160: 859, 1986

Brown BM; Stark EH; Dion G; et al: computed tomography and chymopapain chemonucleolysis: preliminary findings, (AJNR), 6: 51, 1985
Brown BSJ: prenatal ultrasonographic diagnosis of osteogenesis imperfecta lethalis, (Radiology), 153: 860, 1984

103: 000, 1904

Brown BSJ: ultrasonographic features of nonimmune hydrops fetalis: study of 30 successive patients, (J Canad Assoc Radiol), 37: 164, 1986

164, 1986

Brown BSJ; Thompson DL: ultrasonographic features of the fetal Turner syndrome, (Radiology), 153: 860, 1984

Brown BSJ; Thorp P: ultrasonographic diagnosis of bacterial meningitis and ventriculitis in infancy: six case reports, (Radiology), 158: 849, 1984

Brown BW Jr See Smathers RL

Brown CB See Weinreb JC

Brown D, Magill HL; Black TL: delayed presentation of traumatic intraperitoneal bladder rupture, (Pediatr Radiol), 16: 252, 1986

Brown DM See Horsman MR

Brown DM See Horsman MR Brown DQ See Gatenby RA Brown J See Bydder GM Brown J See Carr DH

Brown J See Carr Dri Brown J; Gunn TR; Mora JD; et al: prenatal ultrasonographic diagnosis of cardiomegaly due to tricuspid incompetence, (Pediatr Radiol), 16: 440, 1986

440, 1986
Brown JF See Shields JA
Brown JJ See Slutsky RA
Brown JJ; vanSonnenberg E; Gerber KH; Strich G;
Wittich GR; Slutsky RA: magnetic resonance
relaxation times of percutaneously obtained
normal and abnormal body fluids, (Radiology),
154, 272, 1085 154: 727, 1985 Brown JM See Hartshorne MF

Brown JM See Moreno AJ Brown JM See Zeman EM

Brown JM: medical radiation biology. 2d ed., (Radiology), 152: 820, 1984

(Radiology), 152: 820, 1984

Brown JS: glomus jugulare tumors revisited: tenyear statistical follow-up of 231 cases, (Radiology), 158: 861, 1986

Brown KA; McKay R; Heller GV; et al: hemodynamic determinants of thallium-201 lung uptake in patients during atrial pacing stress, (Radiology), 160: 859, 1986

Brown KT; Kattapuram SV; Rosenthal DI: computed tomography analysis of bone tumors: patterns of cortical destruction and soft tissue extension, (Skeletal Radiol), 15: 448, 1986

Brown KT; Shepard JO; Stewart WJ; pseudoprominent aorta: radiographic findings and CT correlation, (Radiology), 155: 299, 1985

Brown LR See Berquist TH

Brown LR See Gisvold JJ

Brown LR See Zerhouni EA

Brown LR See Zerhouni EA

Brown LR See Zerhouni EA
Brown LW See Swartz JD
Brown MA See Johnson GA
Brown MA; Stenzel TT; Ribeiro AA; et al: NMR
studies of combined lanthanide shift and
relaxation agents for differential
characterization of <sup>23</sup>Na in a two-compartment
model system, (Magn Res Med), 3: 289, 1986
Brown MC See Richmond DH

Brown MJ See Montalvo BM Brown ML See Merkel KD Brown ML See O'Connell PR Brown ML See Swenson SJ

Brown ML See Welch TJ

Brown ML see Welch 1)
Brown ML: significance of the solitary lesion in
pediatric bone scanning; concise
communication, (Radiology), 150: 613, 1984

Brown ML; Hauser MF; Aznarez A; et al: indium-111 leukocyte imaging: skeletal photopenic lesion, (Clin Nucl Med), 11: 611, 1986

wm MI; Muroff LR; Mettler FA Jr; Gottschalk A; Thrall JH: Nuclear radiology correlative imaging panel, (Radiographics), 5: 457 1985

457, 1985
Brown ML; Swee RG; Johnson KA: bone scintigraphy of the calcaneus, (Clin Nucl Med), 11: 530, 1986
Brown MS See Gore JC
Brown MW; Carson CC III; Dunnick NR; et al: comparison of the costs and morbidity of percutaneous and open flank procedures, (Radiology), 161: 859, 1986
Brown NI See Noscos NI Brown NJ See Noscoe NJ

Brown NJ See Noscoe NJ Brown NJC See Hunter GJS Brown PA: understanding radiography. 2d ed., (Radiology). 151: 328, 1984 Brown PF See Englund R Brown PR See de Vries N Brown R See Pastakia B

Brown RA See Casola G Brown RC See Abu-Yousef MM Brown RC See Wilson-Sharp RC

Brown RC: obtaining informed consent for intravenous contrast-enhanced radiography: pros and cons, (Radiology), 155: 256, 1985

**Brown RD III See Geraldes CFGC** Brown RD III See Koenig SH Brown RD III See Lauffer RB

Brown RF; Hunter TB; Markivee CR: American College of Radiology network and workstation, (AJR), 144: 665, 1985

(AJR), 144: bb., 1700 Brown RKJ See Pusey E Brown RKJ; Memsic LDF; Busuttil RW; et al: accurate demonstration of hepatic infarction in liver transplant recipients, (J Nucl Med), 27:

194.0, 1980 Brown RKJ; Memsic LDF; Pusey EJ; et al: hepatic abscess in liver transplantation: accurate diagnosis and treatment, (Clin Nucl Med), 11: 233, 1986

Brown S & See McNeill TH Brown SB See Greenwood LH Brown SB; Irwin KM; Enzmann DR: CT characteristics of the normal pituitary gland, (Radiology), 150: 862, 1984 Brown S VL See Beardsley TL Brown T & Co. W. C. V.

Brown T See Wu S-Y Brown TH See Frederick PR Brown WE Jr See Holt GR Brown WH See Vogler JB III Brown WJ See Manger MN Brown WT See Burnett KR Browne MK See Newman I

Browne MK See Newman P
Brownell GL; Kairento A-L; Swartz M; et al:
positron emission tomography in
oncology—Massachusetts General Hospital
experience, (Semin Nucl Med), 15: 201, 1985
Brownless S See Critchley M
Brownless SM See Gimlette TMD

Brownlow RL Jr; McKinney WM: ultrasonic evaluation of jugular venous valve competence, (J Ultrasound Med), 4: 169, 1985 Browns K See Zucker K

Brownstein PK See Rifkin MD Brownstein S See Oresner SC Broyer M See Garel LA Bruce AW See Poon PY

Bruce R; Alton D: duplication of the urethra with communication to the rectum: report of a case, (Pediatr Radiol), 16: 79, 1986

Brucher JM See Gilles C Brude E: Pierre Robin sequence and hyperphalangy—a genetic entity. Catel-Manzke syndrome, (Radiology), 155: 856, 1985 Bruhlmann WF See Zollikofer CL

Brulfert A See Ciaravino V Brumback RJ See Young JWR Brun B See Matzen P

Brun B; Gammelgaard J; Christoffersen J: transabdominal dynamic ultrasonography in detection of bladder tumors, (Radiology), 155: 285, 1985

285, 1985
Brun ME See Winfield AC
Brun P; Gauthier F; Boucher D; et al: ultrasound findings in biliary atresia in children. study with surgical correlation in 86 cases, (Radiology), 158: 283, 1986
Brunberg JA See Burk DL Jr
Brundage BH See Kereiakes DJ
Brundage BH, Bich S; Exister DC; computed

brundage BH; Rich S; Spigos DG: computed tomography of the heart and great vessels: present and future, (Radiology), 155: 556, 1985

present and future, (Radiology), 155: 556, 1985
Brunelle F See Garel L
Brunelle F See Garel L
Brunelle FOS See Alvarez F
Brunelle FOS; Chaumont P: hepatic tumors in
children: ultrasonic differentiation of malignant
from benign lesions, (Radiology), 150: 695, 1984
Brunelle FOS; Chaumont P: percutaneous
cholecystography in children, (Radiology), 153:
566, 1984
Brunelle M See Leekam RN

Brunelle M See Leekam RN Brunelle RL See Hawes RH Brunelle RL See Maglinte DDT

Bruner JM See Lee Y-Y Bruner JM See Van Tassel P Bruneton JN See Mathieu D

Bruneton JN; Caramella E; Hery M; Aubanel D; Manzino JJ; Picard JL: axillary lymph node

Manzino Jj.; Picard JL: axillary lymph node metastasses in breast cancer: preoperative detection with US. (Radiology), 158: 325, 1986 Bruneton JN; Dalfin FV; Caramella E; et al: value of ultrasound in localizing the internal mammary vessels, (Eur J Radiol), 6: 142, 1986 Bruneton JN; Roux P; Caramella E; Demard F; Vallicioni J; Chauvel P: ear, nose, and throat cancer: ultrasound diagnosis of metastasis to cervical lymph nodes, (Radiology), 152: 771, 1984

reton JN; Roux P; Caramella E; Manzino JJ; Vallicioni J; Demard F: tongue and tonsil cancer: staging with US, (Radiology), 158: 743,

Brunken R; Tillisch J; Schwaiger M; et al: regional perfusion, glucose metabolism, and wall motion in patients with chronic electrocardiographic Q-wave infarctions: evidence for persistence of viable tissue in some infarct regions by positron emission tomography, (Radiology), 161: 285, 1986

Brunner DR; Whitley NO: pericardial cyst with high CT numbers, (AJR), 142: 279, 1984 Bruno AN; Lavin JP; Nasrallah PF: ultrasound experience with prenatal genitourinary abnormalities, (Radiology), 158: 287, 1986 Bruno E See Demos TC

Bruno E See Demos TC
Brunquell PJ, Papale JH; Horton JC; et al: sexlinked hereditary bilateral anophthalmos.
pathological and radiological correlation,
(Radiology), 152: 858, 1984
Brunton FJ See Goodfellow T
Brush KA See Bettmann MA
Brustad T See Rofstad EK
Brutschin P See Marincek B
Bryan PJ See Butler H
Bryan PJ See Butler H
Bryan PJ See EliPuma JP
Bryan PJ See LiPuma JP
Bryan PJ See Martin B
Bryan PJ See Martin CR
Bryan PJ See Martin CR
Bryan PJ See Schultz CL
Bryan PJ Sutler HE; LiPuma JP: magnetic

Bryan PJ; Butler HE; LiPuma JP: magnetic resonance imaging of the pelvis, (Radiol Clin North Am), 22: 897, 1984

Bryan PJ; Butler HE; Nelson AD; et al: magnetic resonance imaging of the prostate, (AJR), 146: 543, 1986

Bryan PJ; Butlier HE; Nelson AD; et al: magnetic resonance imaging of the prostate, (AJR), 146: 543, 1986
Bryan RN See Chakeres DW
Bryan RN See Horowitz BL
Bryan RN See Horowitz BL
Bryan RN See Rokey B
Bryan RN See Rokey B
Bryan RN; Mawad ME; Sandlin ME; et al: CT
imaging of the salivary glands, (Semin US CT
MR), 7: 154, 1986
Bryant DJ See Gadian DG
Bryant DJ See Gadian DG
Bryant DJ See Gadian DG
Bryant DJ See Johnson MA
Bryant DJ; Payne JA; Fermin DN; et al:
measurement of flow with NMR imaging using a gradient pulse and phase difference technique, (Radiology), 155: 283, 1985
Bryant RG See Ehman RL
Bryant RG See Hornak JP
Bryant RG: magnetic resonance in medicine and biology, (Radiology), 156: 142, 1985
Bryant RG: NMR data handbook for biomedical applications, (Radiology), 155: 680, 1985
Brymer J See Alam M
Bryners RK See Erwin BC
Bucci MN; Earhat SM: metastatic adenocarcinoma of the prostate as a cause of subdural hematoma, (Radiology), 160: 583, 1986
Buchan A See Pelz DM
Buchbinder BR See Rosen BR
Buchet R; Tredaniel J; pulmonary melioidosis, (Radiology), 159: 555, 1986
Buchholz D See Rosenbloom S
Buchmann F See Balter S
Buchmann F See Balter S
Buchmann F See Balter S
Buchmann F See Boren BR
Buchet R; See Greelin E
Buch AS See Fernandez JA
Buck BA; Siddon RL; Svensson GK: beam alignment device for matching fields, (Radiology), 157: 576, 1985
Buck J See Heuck H
Buck JL See Drane WE
Buck LL See Slone RM
Buckels J See Chandler ST
Buckholz RW See Gill K
Buckler J MH: annotations: how to make the most of bone ages, (Radiology), 152: 552, 1984
Buckley EG See Hopp SI

Buckler JMH: annotations: how to make the most bone ages, (Radiology), 152: 852, 1984 Buckley EG See Hopp SI Buckley J See Davies P Buckley J See Powell MC Buckley JH; Roebuck EJ: mammographic changes following radiother

Buckner EE; Campbell CF: coal workers' pneumoconiosis in Texas, (Radiology), 153: 845,

Buckwalter JA; Sasaki CT; Virapongse C; et al: pulsatile tinnitus arising from jugular megabulb deformity: a treatment rationale, (Radiology), 152: 859, 1984

deformity: a treatment rationale, (Radiology).
152: 859, 1982
Buckwalter KA; Aisen AM; Dilworth LR; et al:
gated cardiac MRL ejection-fraction
determination using the right anterior oblique
view. (AJR), 147: 33, 1986
Buckwalter KA; Ellis JH; Baker DE; Borello JA;
Glazer GM: pitfall in MR imaging of
lymphadenopathy after lymphangiography.
(Radiology), 161: 831, 1986
Buda AJ See Friedman HZ
Budabin M See Slavin ML
Budenz RW See McGahan JP
Budinger TF See Mazoyer BM
Budinger TF See Mazoyer BM
Budinger TF See Mazoyer BM
Budinger TF See Soulen RL
Budzynski AZ See Knight LC
Buell U See Kirisch C-M
Buenger RE: Mary Ann Tuft: New Executive
Director, Radiological Society of North America,
(Radiology), 155: 839, 1985
Bueschen AJ See Breatnach E
Buescher PC See Pillai RP
Butalino VJ; Robinson JA; Henkin R; et al: gallium67 scanning: a new diagnostic approach to the
post-pericardiotomy syndrome, (Radiology),
152: 269, 1984

**Buffard P See Bret PM** 

Buffo GC; Clair MR; Bonheim P: diverticulosis of the vermiform appendix, (Gastrointest Radiol) 11: 108, 1986

Buffo GC; Deitch JS: pneumatosis intestinalis in a patient with polyarteritis nodosa, (Gastrointest Radiol), 11: 286, 1986

Bugliosi TF See Allen MJ Buhler H See Heer M

Buirski G; Jordan SC; Joffe HS; et al: superior vena caval abnormalities: their occurrence rate, associated cardiac abnormalities and angiographic classification in a paediatric population with congenital heart disease, (Clin Radiol), 37: 131, 1986

Buirski G; Ratliff AHC; Watt I: cartilage-cell-containing tumours of the pelvis: radiological review of 40 patients, (Br J Radiol), 59: 197, 1986 Buirski G; Watt I: radiological features of "solid" aneurysmal bone cysts, (Radiology), 156: 565, 1985

Buis-Liem T See Guit GL Buist TAS See Sellar RJ Buja LM See Erdman WA Bulbrook RD See Gravelle IH

Bulcke JAL; Herpels V: diagnostic value of CT scanning in neuromuscular disease, (Radiology),

Bull I See Stark P

Bull MJ; Norins AL; Weaver DD; et al: epidermolysis bullosa—pyloric atresia. an autosomal recessive syndrome, (Radiology), 152:

255, 1984

Bullock PR, Thomas WEG: acute pseudo-obstruction of the colon, (Radiology), 155: 850, 1985

Bullock R; Mendelow AD; Patterson J; et al: cerebral blood flow measurement as an indicator of the haemodynamic severity of carotid artery disease in man, (Radiology), 153: 860, 1984

Bulstrode JC See Chaudary MA

Bulstrode JC See Gravelle IH

Bundrick TJ See Cho S-R

Bundrick TJ See Cho S-R

Bundrick TJ See Cho S-R

Bundrick IJ Sec Cno S-R Bundrick TJ; Cho S-R; Brewer WH; Beachley MC: ascites: comparison of plain film radiographs with ultrasonograms, (Radiology), 152: 503, 1984 Bundrick TJ; Cook DE; Resnik CS: heterotopic bone formation in patients with DISH following total hip replacement, (Radiology), 155: 595, 1985

hip replacement, (Radioli Bundschuh C See Modic MT Bundy AL See Fleischer AC Bundy AL See James AE Jr Bundy AL See Warner MA

Bundy AL: legal importance of the medical history, (Radiology), 153: 264, 1984 Bundy AL; Jones TB: guidelines for obstetrical

scanning and reporting: legal necessity, (J Ultrasound Med), 4: 483, 1985 Bundy AL; Saltzman DH; Emerson D; et al:

sonographic features associated with cleft palate, (JCU), 14: 486, 1986 Bundy AL; Saltzman DH; Pober B; et al: antenatal

sonographic findings in trisomy 18, (J Ultrasound Med), 5: 361, 1986 Bundy KJ See Suss RA

Bunge RE See Suleiman OH
Bunke J See Heindel W
Bunker SR; Hartshorne MF; Schmidt WP; et al: left ventricular volume determination from single-photon emission computed tomography, (AJR), 144: 295, 1985

Bunker SR; Lull RJ; Tanasescu DE; et al: scintigraphy of gastrointestinal hemorrhage: superiority of 99m-Tc red blood cells over 99m-Tc sulfur colloid, (AJR), 143: 543, 1984

Tc sulfur colloid, (AJR), 143: Bunko H See Nakajima K Bunnell DH See Bassett LW Buonanno FS See De Witt LD Buonanno FS See Oot R Buonocore E See Borkowski GP Buonocore E See Grossman LB Buonocore E See Ross JS

Buonocore E; Hesemann C; Pavlicek W; et al: clinical and in vitro magnetic resonance imaging of prostatic carcinoma, (AJR), 143: 1267,

Burakoff R See Aaronson MJ Burakoff R See O'Brien MJ

Burakoff K See O'Brien MJ Burbank FH; Bradley BR; Yegnashankaran S; et al: contrast media tonicity: part II. isotonic ioxaglate vs. standard Renografin for IV-DSA evaluation of the carotid bifurcation, a double-blind prospective clinical trial, (Invest Radiol), 21: 340, 1986

Burbank FH: Enzmann DR: Brody WR: carotid

Burbank FH; Enzmann DR; Brody WR: carotid bifurcation: results of spliced hybrid subtraction angiography compared with standard temporal and hybrid images, (Radiology), 160: 227, 1986
Burbank FH; Enzmann DR; Keyes GS; Brody WR: hybrid intravenous digital subtraction angiography of the carotid bifurcation, (Radiology), 152: 725, 1984
Burbank FH; Thompson WM: contrast media tonicity: part I. effects upon IV-DSA time-concentration curve peak and width: experimental studies, (Invest Radiol), 21: 240, 1986

Burbige KA See Levin R

Burbige KA; Lebowitz RL; Coldny AH; et al: megacystis-megaureter syndrome, (Radio 154: 561, 1985

Burbige KA; Retik AB; Colodny AH; et al: urinary tract infection in boys, (Radiology), 155: 857,

Burch WM; Sullivan PJ; Lomas FE; et al: lung ventilation studies with technetium-99m pseudogas, (J Nucl Med), 27: 842, 1986

Burch WM, Tetley IJ; Gras JL: technetium-99m 'pseudogas' for diagnostic studies in the lung, (Radiology), 154: 570, 1985 Burcharth F See Solgaard S

Burckhardt B See Becker CD Burckhardt B See Terrier F

Burckhardt D; Hoffmann A; Vogt S; et al: clinical evaluation of the St. Jude medical heart valve prosthesis: a two-year follow-up of 150 patients, (Radiology), 156: 263, 1985 Burdine JA See Long SE

Burgine JA See Long St.

Burgener FA, Seu Gutierrez OH

Burgener FA; Gutierrez OH: angiographic,
hemodynamic, and histologic evaluation of
portal hypertension and periportal fibrosis
induced in the dog by retrograde biliary
injections of sesame oil, (Invest Radiol), 21: 551,

Burgener FA; Gutierrez OH: prostaglandins in diagnostic and therapeutic superior mesenteric artery pharmacoangiography. (Invest Radiol). 21: 210, 1986

Burger P See Drayer BP Burger P See Heinz ER

Burger P See Heinz EK
Burger PJ See Donald PR
Burgers JMV See Tubiana M
Burgers AE: physical measurements of heavy metal
filter performance, (Radiology), 157: 288, 1985
Burgess AE: scatter radiation from abdominal CT
examinations, (ICAT), 9: 926, 1985

Burgess AR See Young JWR Burgess JH See Starck EE Burgio GR See Wiedemann H-R Burgoyne B See Bradley WG Jr

Burgreen L: atlas of computed tomography variants, (Radiology), 152: 754, 1984 Burguet JI. See Wackenheim A Burhenne HJ See Blundell GE

Burhenne HJ See Mueller PR Burhenne HJ See Nichols DM

Burhenne HJ: interventional cholelithotomy as an

Burhenne HJ: interventional cholelithotomy as an alternative to cholecystectomy with or without the surgeon? (Invest Radiol), 21: 594, 1986 Burhenne HJ; Chisholm RJ; Quenville NF: prostatic hyperplasia: radiological intervention. work in progress, (Radiology), 152: 655, 1984 Burhenne HJ; Scudamore CH: antegrade transcholecystic sphincterotomy: canine study of a new interventional technique, (Gastrointest Radiol), 11: 73, 1986

Burhenne LJW; Connell DG: xeroradiography in the diagnosis of the Haglund syndrome, (J Canad Assoc Radiol), 37: 157, 1986

Burhenne LJW; Fratkin LB; Flak B; et al: radiology of the angelchik prosthesis of gastroesophageal reflux, (AJR), 142: 507, 1984

Burk DL Jr; Kanal E; Brunberg JA; et al: 1.5-T surface-coil MRI of the knee, (AJR), 147: 293,

Burk DL Jr; Mears DC; Cooperstein LA; et al:

acetabular fractures: three-dimensional computed tomographic imaging and interactive surgical planning, (CT), 10: 1, 1986

Burk DL Jr; Mears DC; Herbert DL; Straub WH; Cooperstein LA; Beck EA: pelvic and acetabular fractures: examination by angled CT scanning, (Radiology), 153: 548, 1984

(Kadiology), 153: 548, 1984 Burk DL Jr; Mears DC; Kennedy WH; Cooperstein LA; Herbert DL: three-dimensional computed tomography of acetabular fractures, (Radiology), 155: 183, 1985 Burk JM See Beltran J

Burke AM See Sykes JT Burke DL See Rosenthall L Burke DR See Kerlan RK Jr Burke DR See McLean GK Burke DR See Meranze SG

Burke DR See Meranze SG
Burke DR See Svigals PJ
Burke DR; Brant-Zawadzki M: CT of pyogenic
spine infection, (Radiology), 158: 860, 1986
Burke DR; Verstandig A; Edwards O; et al: infantile
hemangioendothelioma: angiographic features
and factors determining efficacy of hepatic
artery embolization, (Cardiovasc Intervent
Radiol), 9: 154, 1986
Burke I See Criffithe HI

Burke J See Griffiths HJ Burke J See Quinn SF Burke JT See Harris JH Jr Burke JT See Jackson H

Burke JW See Black WC
Burke JW See Black WC
Burke JW; Erickson SJ; Kellum CD; Tegtmeyer CJ;
Williamson BRJ; Hansen MF:
pseudoaneurysms complicating pancreatitis:
detection by CT, (Radiology), 161: 447, 1986

Burke M See Towbin RB

Burke MM See Ackerman LV Burke MM See Shetty PC Burke MW See Sharma RP

Burke MW See Shetty PC Burke MW See Watt AC

Burke MW, Ackerman LV: cooperation between a radiology computer consortium and a computer manufacturer in the development of a radiology information system, (Radiology), 156: 565, 1985

Burke R: angiographic diagnosis of supratentorial cerebral tumours (compared with CT scan), (Radiology), 161: 76, 1986
Burke TS See Tatum JL
Burke VD See Federle MP

Burke VD See Laing FC

Burke VD; Mall JC: epidural gas: an unusual complication of Crohn disease, (AJNR), 5: 105,

Burkes RL; Meyer PR; Gill PS; et al: rectal lymphoma in homosexual men, (Radiology), 161: 284, 1986

Burkhalter JL See Morano JU

Burkhalter JL: reinflating the amputated true double-lumen angioplasty catheter, (AJR), 144: 780, 1985

Burkhalter JL; Leake N: technique for rethreading loop drainage catheters, (AJR), 145: 1277, 1985 Burkhalter JL; Morano JU: partial priapism: role of CT in its diagnosis, (Radiology), 156: 159, 1985

Burkhalter JL; Morano JU; Patel BR: accumulation of technetium-99m MDP in a cavernous hemangioma of the liver, (Clin Nucl Med), 11: 498, 1986

Burkhalter JL; Patel BR; Harrison RB: radionuclide bone scan as an aid in localizing lesions for bone biopsy, (Radiology), 153: 282, 1984

Burks DD See Kulkarni MV Burks DD See Liddell HT

Burks DD; Drolshagen LF; Fleischer AC; et al: transrectal sonography of benign and malignant prostatic lesions, (AJR), 146: 1187, 1986

purostatic lesions, (AJK), 140: 1187, 1986 Burks DD; Fleischer AC; Richie RE: sonographic diagnosis of a perirenal transplant bowel hernia. (J Utansound Med), 4: 677, 1985 Burks RN See Pettigrew RI

Burl M See Young IR Burlbaw J See Grundy H Burn P See Weill FS Burnett A See Al-Sheikh W Burnett K See Kantrowitz LR

Burnett KR See Pais MI

Burnett KR: Vsee Pais MJ
Burnett KR: Lyons KP; Brown WT: uptake of
osteotropic radionuclides in the breast, (Semin
Nucl Med), 14: 48, 1984
Burnett LL: See Bush WH
Burnett LL: See Eusek JF

Burney RE See Gundry SR Burns DK See Schaefer SD Burns J See Markivee CR Burns P See Cala LA Burns PN See Chow PP Burns PN See Rigsby CM

Burns PN See Taylor KJW
Burns PN; Jaffe CC: quantitative flow
measurements with Doppler ultrasound:
techniques, accuracy, and limitations, (Radiol
Clin North Am), 23: 641, 1985

Burnstein MI; Kottamasu SR; Pettifor JM; Sochett E; Ellis BI; Frame B: metabolic bone disease in pseudohypoparathyroidism: radiologic features, (Radiology), 155; 351, 1985 Burrell MI See Allen KS

Burrell MI See Siskind BN Burrell MI See Zeman RK Burrow CR See Gatewood OMB **Burrows DA See Cockshott WP** 

Burrows EH: myelography with iohexol (Omnipaque): review of 300 cases, (AJNR), 6: 349, 1985

Burrows PE See Freedom RM

Burrows PE See Moes CAF Burrows PE; Freedom RM; Rabinovitch M; et al: investigation of abnormal pulmonary arteries in congenital heart disease, (Radiol Clin North Am), 23: 689, 1985

Am), 23: 689, 1985

Burrows PE; Rosenberg HC; Chuang HS: diffuse hepatic hemangiomas: percutaneous transcatheter embolization with detachable silicone balloons, (Radiology), 156: 85, 1985

Burrows PE; Stannard MW; Pearrow J; et al: early antenatal sonographic recognition of thanatophonic dysplasia with cloverleaf skull deformity, (AJR), 143: 841, 1984

derormity (JAN), 143: 641, 1764
Burrows WM See Halpern SE
Bursch JH; Heintzen PH: parametric imaging,
(Radiol Clin North Am), 23: 321, 1985
Bursch JH; Ochs C, Hahne HJ; et al: experimental
studies of renal blood flow by digitized
functional angiography, (Radiology), 158: 574,
1986

Burstein SP See Spies WG Bursztyn EM; Lee BCP; Bauman J: CT of acquired immunodeficiency syndrome, (AJNR), 5: 711, 1984

Burt AM See Diggs J
Burt CT; Koutcher J; Roberts JT; et al: magnetic
resonance spectroscopy of the musculoskeletal
system. (Radiol Clin North Am), 24: 321, 1986 Burt RW See Boyko OB

Burt RW See Boyko OB
Burt RW; Mullinix FM; Schauwecker DS;
Richmond BD: leg perfusion evaluated by
delayed administration of thallium-201,
(Radiology), 151: 219, 1984
Burt TB See Yang PJ
Burt TB Seeger JF; Carmody RF; Yang PJ: dural
infolding during C1-2 myelography,
(Radiology), 158: 546, 1986
Burton GV See Flowers JL.
Burton K'-Farrell K-1; JD. et al.: lesions of the

Burton K: Farrell K: Li D: et al: lesions of the putamen and dystonia: CT and magnetic resonance imaging, (Radiology), 155: 279, 1985 Busch HP See Strauss LG Busch HP; Strass LG; Hoevels J; et al: fibromuscular

usch HP; Strass LG; Hoevels ); et al: hbromuscula dysplasia, a pitfall in intravenous digital subtraction angiography, (Radiology), 153: 271, 1984 usch M See Schulz U usch MP See Bretan PN Jr

Buschman RW See Dotter CT Busemann-Sokole E See Cradduck TD Bush E See Smathers RL

Bush HL See Corey CJ Bush RS: ovarian cancer: contribution of radiation therapy to patient management. Erskine Memorial Lecture, 1983, (Radiology), 153: 17,

Bush SE See Zink SR Bush WH See Brannen GE Bush WH See Eusek JF

Bush WH; Brannen GE: parallel-tract push: adjuvant

Bush WH; Brannen GE: parallel-tract push: adjuvar technique for percutaneous removal of renal calix calculi, (AJR), 143: 295, 1984
Bush WH; Brannen GE: percutaneous removal of caliceal calculi, (AJR), 144: 139, 1985
Bush WH; Brannen GE; Burnett LL; Wales LR: ultrasonic renal lithotripsy: single-stage percutaneous technique and adjuvant radiological procedures, (Radiology), 152: 387, 1984

Bush WH; Brannen GE; Lewis GP; et al: upper ureteral calculi: extraction via percutaneou nephrostomy, (AJR), 144: 795, 1985

Bush WH; Gibbons RP: extracorporeal shockwave lithotripsy: role of the radiologist, (Radiology), 158: 855, 1986 Bush WH; Gibbons RP; Lewis GP; et al: impact of

extracorporeal shock wave lithotripsy on percutaneous stone procedures, (AJR), 147: 89,

Bush WH: Jones D: Brannen GE: radiation dose to personnel during percutaneous renal calculus removal, (AJR), 145: 1261, 1985

Bushnell DL; Perlman SB; Wilson MA; et al: rim sign: association with acute cholecystitis, (J Nucl Med), 27: 353, 1986

Bushong SC See Glaze S Busilacchi P See Solbiati L

Busino LJ See Manco LG Bussaka H See Takahashi M Bussaka H See Yamashita Y Busse PM See Lindfors KK

Busuttil RW See Brown RKJ

Busuttil RW See Gomes AS Butch RJ See Dawson SL

Butch RJ See Loflin TG Butch RJ See Mueller PR

Butch RJ See Neff CC
Butch RJ See Simeone JF
Butch RJ See Stark DD
Butch RJ See White EM

Butch RJ MacCarty RL; Mueller PR; Ferrucci JT Jr; Simeone JF; Teplick SK; Haskin PH: monooctanoin perfusion treatment of intrahepatic calculi, (Radiology), 153: 375, 1984 Butch RJ; Mueller PR; Ferrucci JT Jr: drainage of pelvic abscesses through the greater sciatic foramen: reply, (Radiology), 160: 279, 1986

Butch RJ; Mueller PR; Ferrucci JT Jr; Wittenberg J; Simeone JF; White EM; Brown AS: drainage of pelvic abscesses through the greater sciatic foramen, (Radiology), 158: 487, 1986 Butch RJ; Simeone JF; Mueller PR: thyroid and parathyroid ultrasonography, (Radiol Clin North Am), 23: 57, 1985

Butch RJ; Stark DD; Malt RA: MR imaging of hepatic focal nodular hyperplasia, (JCAT), 10: 874, 1986

Butch RJ; Stark DD; Wittenberg J; et al: staging rectal cancer by MR and CT, (AJR), 146: 1155.

Butch RJ; Wittenberg J; Mueller PR; et al: presacral masses after abdominoperineal resection for colorectal carcinoma: need for needle biopsy, (AJR), 144: 309, 1985

**Butchart S See Tortolani EC** 

Butland RJA See Wilson AG Butler A See Huvos AG

Butler BD: production of microbubbles for use as echo contrast agents, (JCU), 14: 408, 1986 Butler F See Moran V

Butler H; Bryan PJ; LiPuma JP; et al: magnetic resonance imaging of the abnormal female pelvis, (AJR), 143: 1259, 1984

Butler HE See Bryan PJ Butler HE See Lieberman JM Butler HE; Alfidi RJ: variceal bleeding and computed tomography, (Radiology), 150: 866, 1984

Butler HL See Williamson SL

Butler II See Hecht IT

Butler IJ See Hecht JT

Butler KW; Deslauriers R; Smith ICP: effects of antimalarial drugs on oxygen consumption by erythrocytes infected with plasmodium berghei: ESR study, (Magn Res Med.) 3: 312, 1986

Butler MJ; Cornell SH; Damasio AR: aphasia following pluridirectional tomography with metrizamide: effect of patient position, (Radiology), 156: 278, 1985

Butler P See McGregor JC

Butler P; Williamson B: intravenous digital subtraction angiography in patients with

subtraction angiography in patients with suspected bypass graft occlusion following surgery for peripheral vascular disease, (Br J Radiol), **59**: 329, 1986

Butler PF; Conway BJ; Suleiman OH; Koustenis GH; Showalter CK: chest radiography: survey of techniques and expolevels currently used, (Radiology), 156: 533,

Butler S; Smathers RL: computed tomography of amiodarone pulmonary toxicity, (JCAT), 9: 375,

Butler SA See Cobb LM

Butler TA See Brihaye C
Butman S: Schatz RE: Chandraratna P: et al: multiple aortic root echoes: clinical, radiographic, and angiographic correlations, (Radiology), 154: 282, 1985 Butsen PC See Bydder GM Butt KMH See Glanz S

Butt KMH See Glanz S
Butt W; Mackay RJ; de Crespigny LC; et al:
intracranial lesions of congenital
cytomegalovirus infection detected by
ultrasound scanning, (Radiology), 154: 274, 1985
Butterfield RL See Vannier MW

Butters K See Detrano R Buttery B: Australia, (JCU), 14: 652, 1986 Buttner C See Neumann CH

Buttner C See Neumann CH Butto F; Hunter DW; Castaneda-Zuniga WR; Amplatz K: coil-in-coil technique for vascular embolization, (Radiology), 161: 554, 1986 Buxton R See Edelman RR

Buxton R See Wedeen VI Buxton R See Wismer GL Buxton RB See Greif WL Buyon J See Norman A

Buyon-Thomas MS; Wraight EP: high renal activity on bone scintigrams. a sign of hypercalcaemia?, (Radiology), 152: 870, 1984

Buzney SM; Pruitt RC; Regan CDJ; et al: scleral buckling for retinal detachment in patients with retinoblastoma, (Radiology), 155: 550, 1985

Bydder GM See Bailes DR Bydder GM See Carr DH Bydder GM See Dubowitz LMS Bydder GM See Graif M Bydder GM See Leung AW-L Bydder GM See MacKay IM

Bydder GM See Pennock JM Bydder GM See Peterman SB Bydder GM See Tripathi A Bydder GM See Vermess M

Bydder GM See Vermess M Bydder GM: see Young IR Bydder GM: magnetic resonance imaging of the brain. (Radiol Clin North Am), 22: 779, 1984 Bydder GM: nuclear magnetic resonance of the brain. (Cardiovasc Intervent Radiol), 8: 264, 1986

Bydder GM; Brown J; Niendorf HP; et al: enhancement of cervical intraspinal tumors in MR imaging with intravenous gadolinium-DTPA, (JCAT), 9: 847, 1985 Bydder GM; Butsen PC; Harman RR; et al: use of

spherical receiver coils in MR imaging of the brain, (JCAT), 9: 413, 1985 Bydder GM; Curati WL; Gadian DG; et al: use of

Bydder GM; Curatt WL; Gadian DG; et al: use or closely coupled receiver coils in MR imaging: practical aspects, (JCAT), 9: 987, 1985 Bydder GM; Elsasser U; Hesp R; et al: peripheral and axial measurements of trabecular bone density in patients suspected of idiopathic vertebral osteoporosis, (Radiology), 152: 561, 1044

Bydder GM; Kingsley DPE; Brown J; et al: MR imaging of meningiomas including studies with and without gadolinium-DTPA, (JCAT), 9: 690, 1985

Bydder GM; Steiner RE; Blumgart LH; et al: MR imaging of the liver using short T1 inversion recovery sequences, (JCAT), 9: 1084, 1985

Bydder GM; Young IR: clinical use of the partial

saturation and saturation recovery sequences in MR imaging, (ICAT), 9: 1020, 1985
Bydder GM; Young IR: MR imaging; clinical use of the inversion recovery sequence, (ICAT), 9: 659, 1005 1985

1985

Byers RM See Batsakis JG

Byers RM; Piorkowski R; Luna MA: malignant parotid tumors in patients under 20 years of age, (Radiology, 153: 857, 1984

Byhardt RW; Hartz A; Libnoch JA; et al: prognostic influence of TNM staging and LDH levels in small cell carcinoma of the lung (SCCL), (Int J Radiat Oncol Biol Phys), 12: 771, 1986

Bylski DI See Chenevert TI.

Bynum TE See McNeil BJ

Byrd BF II See Higgins CB

Byrd BF II See Higgins CB

Byrd BF II See Higgins CB

Byrd MC See Jacobs NM Byrd SE see Harnsberger HR Byrd SE; Daryabagi J; Thompson R; et al: computed tomographic spectrum of cerebral cysticercosis, (Radiology), 157: 855, 1985 Byrne JV: case of the season, (Semin Roentgenol), 21, 101, 2024

21-101 1986

21: 101, 1980 Byrne P; Leung JWC; Cotton PB: retroperitoneal perforation during duodenoscopic sphincterotomy, (Radiology), 150: 383, 1984 Byrne SF See Hopp SI

Cabanis E See Le Bihan D Cabbad M See Schaffer RM
Cabin HS See Breisblatt WM
Cable HF See Ramirez H Jr
Cabrera OA See vanSonnenberg E
Cacayorin ED See Leeson MD Cacayorin ED See Naidich TP Cacayorin ED See Witwer G Caccavale R See Balthazar FI Cacciari E See Orsini LF Cacciari E See Salardi S

Cacciari E See Salardi S
Cacciotti LR: introduction to radiographic cephalometry, (Radiology), 161: 68, 1986
Cacciotti LR: Stafine's oral radiographic diagnosis, (Radiology), 158: 452, 1986
Cacciotti LR: textbook of dental radiology. 2d ed., (Radiology), 155: 154, 1985
Caccres E See Zaharia M
Cadkin AV; Ginsberg NA; Pergament E;
Verlinski Y: chorionic villi sampling: a new technique for detection of genetic abnormalities in the first trimester, (Radiology), 151: 159, 1984
Cadkin AV; McAlpin J: decidua—chorionic sac: a reliable sonographic indicator of intrauterine pregnancy prior to detection of a fetal pole, (J

Cadkin AV; McAlpin J: detection of fetal cardiac activity between 41 and 43 days of gestation, (J Ultrasound Med), 3: 499, 1984

Cadkin AV; McAlpin J: threatened abortion: sonographic distinction of normal and abnormal gestation sacs, (Radiology), 160: 567, 1986

Cadman PJ See Nolan DJ Cadogan E See Fataar S Cadotte R; Leger C; Harel C; et al: bronchial angiography: report of 21 patients, (J Canad Assoc Radiol), 37: 22, 1986
Cady B See Rich TA

Cady B See RICH IA
Cady RB See Guyer B
Cahan WG See Huvos AG
Cahill PT See Erlebacher JA
Cahill PT See Kneeland JB Cahill PT See Ee BCP
Cahill PT See Ee BCP
Cahill PT See Saddekni S
Cahow CE See Zeman RK
Cail DL See Krithivas G
Cail WS See Park TS
Caille J-M See Cassier C

Cain KC See Greenes RA
Cain KC; Greenes RA; Begg CB: patient-oriented
performance measures of diagnostic tests. 3. Ufactor, (Radiology), 152: 845, 1984
Cajade AG See Levine MS

Cajade AG See Levine MS

Cala LA; Jones B; Burns P; et al: results of computerized tomography, psychometric testing and dietary studies in social drinkers with emphasis on reversibility after abstinence, (Radiology), 151: 825, 1984

Calamosca M See Miotto D

Calcaterra TC See Berke GS

Calcaterra TC See Hoover LA

Calcaterra TC See Kessler DJ Calcaterra TC See Walt RM Jr Caldamone AA; Valvo JR; Atebarmakian VK; et al: acute scrotal swelling in children, (Radiology), 155: 857, 1985 Caldicott WJH See Leibovic SJ

Caldwell CB See Yaffe MJ Caldwell CB See Yaffe MJ Caldwell GG; Kelley DB; Zack M; et al: mortality and cancer frequency among military nuclear test (smoky) participants, 1957 through 1979, (Radiology), 151: 565, 1984

Caldwell RI . Hurwitz RA: Girod DA: et al: two dimensional echocardiographic differentiation of anomalous left coronary artery from congestive cardiomyopathy, (Radiology), 152: 554 1984 554, 1984
Caley R See Mohan R
Calhoon S See Bekemeyer WB
Calhoun JG See Blane CE
Calhoun JG See Blane CE
Calhoun F; Feldman PS; Armstrong P; et al: clinical

outcome of needle aspirations of the lung when cancer is not diagnosed, (Radiology), 161: 858,

Calisti A See Mirk P

1986
Calisti A See Mirk P
Calkins AR; Stehman FB; Sutton GP; et al:
adenocarcinoma corpus et colli: analysis of
diagnostic variables. (Int J Radiat Oncol Biol
Phys), 12: 911, 1986
Callaghan JJ See Lower RF
Callahan AP See Knapp FF Jr
Callahan MJ See Nishimura RA
Callaway LA See Luetje CM
Calle R; Vilcog JR; Zafrani B; et al: local control and
survival of breast cancer treated by limited
surgery followed by irradiation, (Int J Radiat
Oncol Biol Phys), 12: 873, 1986
Callen PW See Abrams See
Callen PW See Abrams See
Callen PW See Fink IJ
Callen PW See Fink IJ
Callen PW See Harter LP
Callen PW See Harter LP
Callen PW See Hashimoto BE
Callen PW See McCarthy SM
Callen PW See McAntony BS
Callen PW See Monony BS
Callen PW See Monony BS
Callen PW See Monony FT
Callen PW See See Stokles EA
Callen PW See See Stokles EA
Callen PW See See Stokles EA
Callen PW See Selotnick N

Callen PW See Sickles FA Callen PW See Slotnick N Callen PW See Stark DD

Callen PW See Weber WN
Callen PW; Bolding DB; Filly RA; et al:
ultrasonographic evaluation of fetal paranephric pseudocysts, (Radiology), 151: 834,

Callen PW; Chooljian D: effect of ventricular

Callen FW; Choojian D: effect of ventricular dilatation upon biometry of the fetal head, (J Ultrasound Med), 5: 17, 1986

Callen PW; Hashimoto BE; Newton TH: sonographic evaluation of cerebral cortical mantle thickness in the fetus and neonate with bardersophale (All Ultrason All Med). hydrocephalus, (J Ultrasound Med), 5: 251, 1986 Callowich MC See Little CM Calo M See Crisi G

Calo M; Crisi G; Martinelli C; et al: CT and the diagnosis of myopathies: preliminary findings in 42 cases, (Neuroradiol), 28: 53, 1986

1n 42 cases, (Neuroraduc Calvo W See Nothdurft W Camara EJ See Ouyang P Camardese T See Arger PH Camargo EE See Wong DF Cambria R See Morse SS Camerani M See Ferlin G Camerlain M See Patriquin HB
Camerlain M See Patriquin HB
Cameron BJ See Laxer RM
Cameron IL See Fillerton GD
Cameron IL; Ord VA; Fullerton GD:

Cameron IL See Fullerton GD
Cameron IL; Ord VA; Fullerton GD:
characterization of proton NMR relaxation
times in normal and pathologic tissues by
correlation with other tissue parameters,
(Radiology), 157: 284, 1985
Cameron JD See Foxman S
Cameron JD See Hidayat AA
Cameron JL See Davis MC
Cameron JL See Gallacher DJ
Cameron N See Tanner JM
Camicia M See Andreula CF
Cammarata C; Han JS; Haaga JR; Alfidi RJ;
Kaufman B: cerebral venous angiomas imaged
by MR. (Radiology), 155: 639, 1985
Cammarata CA See Lang EK
Campagnol R See Bendriem B
Campagnolo R See Bendriem B
Campabell A See McKenna RJ Jr
Campbell A See McKenna RJ Jr
Campbell AN See Van Aerde J
Campbell AN See Van Aerde J
Campbell AN See Van Aerde J
Campbell CA See Holman BL
Campbell DR See Weefel GF
Campbell DR See Koenigs KP
Cambell See Seel See Seenigs KP
Cambell Seel Seel Seenigs KP
Cambell Seel Seel Seenigs KP
Cambell See Seel Seenigs KP
Cambell See Seel Seenigs KP
Cambell Seel Seel Seenigs KP
Campbell Seel Seel Seen

digital subtraction arteriography (DSA) in re-evaluation of angioplastics, (Radiology), 153: Campbell DR; Mason WF; Flemming BK; et al:

Campbell DK; Mason WF; Flemming BK; et al: digital subtraction arteriography in the diagnosis of renovascular hypertension, (Radiology), 153: 271, 1984 Campbell DK; Mason WF; Flemming BK; et al: therapeutic embolization of the hepatic artery, (Radiology), 159: 575, 1986

Campbell JA See Thornbury JR Campbell JB See Strain JD

Campbell JB; Quattromani FL; Foley LC: Foley otheter removal of blunt esophageal foreign bodies. experience with 100 consecutive children, (Radiology), **150**: 613, 1984

Campbell JN See Davis RJ Campbell RE See Brady LW Jr

Campbell RE: Luther W. Brady, Jr.,
M.D.—president, Radiological Society of North
America, 1985, (Radiology), 154: 251, 1985
Campbell RJ: Broaddus SB; Leadbetter GW Jr:
staging of renal cell carcinoma: cost-

effectiveness of routine preoperative bone scans, (Radiology), 156: 571, 1985 Campbell WA See Vintzileos AM

Campbell WA; Vintzileos AM; Neckles S; et al: use of the femur length to estimate fetal weight in premature infants: preliminary results, () Ultrasound Med), 4: 583, 1985

Campbell WE Jr; Weinstein BJ: sonographic appearance of pelvic extramedullary hematopoiesis, (J Ultrasound Med), 5: 103, 1986

Campbell WL See Roszler MH

Campbell WL See Segal MC
Campbell WL See Segal MC
Campbell WL See Zajko AB
Campbell WL; Schultz JC: specificity and sensitivity
of esophageal motor abnormality in systemic
sclerosis (scleroderma) and related diseases:
cineradiographic study, (Gastrointest Radiol),
11: 218, 1986

Campeau RJ; Ey EH; Varma DGK: thallium-201 uptake in a benign thymoma, (Clin Nucl Med), 11: 524 1986

11: 524, 1986
Campo RV, Aaberg TM: choroidal granuloma in sarcoidosis, (Radiology), 153: 856, 1984
Campo RV; Aaberg TM: digital subtraction angiography in the diagnosis of retinal vascular disease, (Radiology), 152: 257, 1984
Camposampiero A See Corbetti F
Camps JA See Kuijpers D
Camus P; Jeannin L: speculation on the mechanism for amiodarone-induced pneumonitis, (Radiology), 150: 279, 1984
Camus P: Jeannin L: speculation on the mechanism

(Radiology), 150: 279, 1984
(Radiology), 150: aspeculation on the mechanism for amiodarone-induced pneumonitis: further comment, (Radiology), 150: 280, 1984
Candell-Riera J; Lu L; Seres L; et al: cardiac hemochromatosis: effects of iron removal therapy, (Radiology), 152: 562, 1984

Candiani F See Solbiati L Canepa G See Palmas F

Canestri G See de Filippi G Canevari MA See Rosa M Cangir A See Eftekhari F Cangir A See Goepfert H Canizaro P See Gold JP Cann CE See de Geer G Cann CE See Eubanks BA Cann CE See Fike JR Cann CE See Goldberg HI Cann CE See Laval-Jeantet AM Cann CE See Turowski K Cann CE See van Waes PFGM

Cann CE See van Waes PFGM
Cann CE; Martin MC; Genant HK; et al: decreased spinal mineral content in amenorrheic women, (Radiology), 153: 846, 1984
Canning JR See Culkin DJ
Cannon CR; Jahrsdoerfer R: temporal bone fracture. review of 90 cases, (Radiology), 151: 270, 1984
Cannon SR; Sweetnam DR: multiple chondrosarcomas in dyschondroplasia (Ollier's disease), (Radiology), 156: 555, 1985
Canonico A See Mancuso L
Cantelmo NL: Snow IR: Menzojan IO: et al:

Cantelmo NL; Snow JR; Menzoian JO; et al: successful vein bypass in patients with an ischemic limb and palpable popliteal pulse, (Radiology), 160: 287, 1986 Cantisani GG See Uflacker R

Cantor DM See Goldkrand JW Cantraine F See Jeanty P

Cantrell CJ; Wilkinson EJ: recurrent squamous cell carcinoma of the cervix within pelvicabbominal lymphocysts, (Radiology), 152: 551, 1984

Cantrell RW See Driscoll WG Cantu P See Solbiati L

Cantu P See Solbiati L
Capanna R See Springfield DS
Capanna R; Albisinni U; Caroli GC; et al: contrast
examination as a prognostic factor in the
treatment of solitary bone cyst by cortisone
injection, (Radiology, 154: 854, 1985
Capanna R; Bertoni F; Bacchini P; et al: malignant
filtons bistiportypas of bone the apprecisors at

Capanna R; Bertoni F; Bacchini F; et al: mangnant fibrous histiocytoma of bone, the experience at the Rizzoli Institute: report of 90 cases, (Radiology), 154: 849, 1985
Capanna R; Springfield DS; Biagini R; et al: juxtaepiphyseal aneurysmal bone cyst, (Radiology), 157: 566, 1985
Capanna R; Van Horn JR; Ayala A; et al: osteoid casesome and esteolisations of the fallus report

osteoma and osteoblastoma of the talus: report of 40 cases, (Skeletal Radiol), 15: 360, 1986 Capanna R; Van Horn JR; Ruggieri P; et al: epiphyseal involvement in unicameral bone cysts, (Skeletal Radiol), 15: 428, 1986

Capek P See Lehr JL Capek V See Mafee MF Capellini C See Rosa M Capello W See Uri G Capesius P See Kaiser MC Capitanio MA See Faerber EN Capitanio MA See Leithiser RE Jr Capitanio MA See Swartz JD

Capitanio MA See Swartz JD

Capian L; Stein R; Patel D; et al: intraluminal clot of the carotid artery detected radiographically, (Radiology), 155: 553, 1985

Caplan LR; Corbett J; Goodwin JA; et al: neuro-ophthalmologic signs in the angiitic form of neurosarcoidosis, (Radiology), 151: 824, 1984

neurosarcoidosis, (Radiology), 151: 524, 1984 Caplan RE See Sibbitt RE Caplin JL; Flatman WD; Dymond DS: gated right ventricular studies using krypton-81m: comparison with first-pass studies using gold-195m, (J Nucl Med), 27: 602, 1986

Capp MP; Roehrig H; Seeley GW; et al: digital radiology department of the future, (Radiol Clin North Am), 23: 349, 1985

Capper WL; Amoore JN; Clifford PC; et al: system for rapid analysis of the femoral blood velocity waveform at the bedside, (Ultrasound Med Biol), 12: 31, 1986

Cappuccio FP See Minton MJ Capra RE See Brody AS Capra RE See Helms CA

Caprihan A See Altobelli SA Caprihan A; Davis JG; Altobelli SA; et al: new method for flow velocity measurement: frequency encoded NMR, (Magn Res Med), 3: 352, 1986

Capron J-P See Papazian A
Capron J-P; Geneston J-L; Remond A; et al: inferior
mesenteric arteriovenous fistula associated with
portal hypertension and acute ischemic colitis.
successful occlusion by intraarterial
embolization with steel coils, (Radiology), 154: 272, 1985

Capua A See Tombolini V Capusten B See Jequier S Capusten BM See Miller JDR

Capusten BM: Doppler echocardiography: practical manual, (Radiology), 159: 152, 1986

Capusten BM: fundamentals of x-ray and radium physics. 7th ed. (Radiology), 161: 22, 1986

Capusten BM: radiological physicists, (Radiology), 161: 24, 1986 161: 34, 1986

161: 34, 1986

Capusten BM: ultrasound physics and instrumentation, (Radiology), 159: 544, 1986

Capusten BM; Azouz EM; Rosman MA: fibromatosis of bone in children, (Radiology), 152: 693, 1984

Caputi R See Gilula LA

Cara J See Bilaniuk LT

Carabasi RA See Moore JH Jr

Carabasi RA See Sierel LA

Carabello BA See Siegel JA Carachi R See White A Caramella E See Bruneton JN Caravelli JF See Heelan RT Carberry JN See Lo WWM Carbo P See Sarwar M Carde P See Tubiana M Cardea JA See Resnik CS Cardella JF See Darcy MD Cardella JF See Hunter DW Cardella JF See Mercado S

Cardella JF See Mercado S Cardella JF; See Young AT Cardella JF; Castaneda-Zuniga WR; Hunter DW; et al: angiographic and interventional radiologic considerations in liver transplantation, (AJR), 146: 143, 1986

transplantation, (AJR), 146: 143, 1986
Cardella JF: Castaneda-Zuniga WR; Hunter DW;
Hulbert JC; Amplatz K: urine-compatible;
polymer for long-term ureteral stenting,
(Radiology), 161: 313, 1986
Cardella JF: Castaneda-Zuniga WR; Hunter DW;
Young AT; Amplatz K: new pyeloureteral
drainage catheter, (Radiology), 155: 527, 1985
Cardella JF: Hunter DW; Castaneda-Zuniga WR;
Hulbert JC; Young AT; Coleman CC;
Mercado S; Amplatz K: electrolysis for
recanalization of urinary collecting system
obstructions: percutaneous approach, obstructions: percutaneous approach, (Radiology), 155: 87, 1985 Cardella JF; Hunter DW; Castaneda-Zuniga WR;

Cardella JF; Hunter DW; Castaneda-Zuniga WR; Young AT; Amplatz K; coaxial cancer dilator, (Radiology), 157; 820, 1985 Cardella JF; Hunter DW; Hulbert JC; Young AT; Castaneda-Zuniga WR; Amplatz K; obstructed calycocystostomy site in association with a transplanted kidney; percutaneous smanagement, (Radiology), 156; 67, 1985 Cardella JF; Kotula F, Hunter DW; Young AT; Castaneda-Zuniga WR; Amplatz K; very stiff guide wire with a floppy tip, (Radiology), 156; 837, 1985

Say, 1985.
Cardella JF; Young AT; Hunter DW; Castaneda-Zuniga WR; Amplatz K: new universal radiolucent handle, (Radiology), 155: 531, 1985 Cardella RG See Moncada R Cardot JC See Berthout P

Carrasco CH See Charnsangavej C Carrasco CH See Miller DA Carrasco CH See Szwarc IA Carette MF See Musset D Carey JC See Johnson JP Carey JE See Koral KF Carey LS See Fox AI Carrasco CH See Wallace MI Carey LS: teleradiology: part of a comprehensive telehealth system, (Radiol Clin North Am), 23: 357, 1985 Carrasco CH See Wallace S Carrasco CH See Woods DM Carrasco CH See Wright KC Carrasco CH See Wright KC
Carrasco CH; Charnsangavej C; Ajani J; et al:
carcinoid syndrome: palliation by hepatic artery
embolization, (AJR), 147: 149, 1986
Carrasco CH; Wallace S; Charnsangavej C:
aspiration biopsy: use of a curved needle,
(Radiology), 155: 254, 1985
Carrasco CH; Wallace S; Charnsangavej C; et al: Carichner S See Fink-Bennett D
Caride VJ; Sostman HD; Winchell RJ; et al: relaxation enhancement using liposomes carrying paramagnetic species, (Radiology), 157: 284, 1985 284, 1985
Caridi JG See Hawkins IF Jr
Caridi JG; Hawkins IF Jr; Hawkins MC; single-step
placement of a self-retaining "accordion"
catheter, (AJR), 143: 337, 1984
Cariou G See Merran S
Carithers JS See Mayes MD Carrasco LH; Wallace S; Charnsangavej C; et al: expandable biliary endoprosthesis: experimental study, (AJR), 145: 1279, 1985 Carrasco CH; Zornoza J; Bechtel WJ; malignant biliary obstruction: complications of percutaneous biliary drainage, (Radiology), 152: 343, 1984 Carithers JS See Maves MD
Carlile T See Whitehead J
Carlile T; Kopecky KJ; Thompson DJ; et al: breast
cancer prediction and the Wolfe classification of
mammograms, (Radiology), 157: 852, 1985
Carlin B See Vargas FC Carrasco CR; Leymaster CE: simple tailored microcomputer system for the obstetrical ultrasound laboratory, (J Ultrasound Med), 5: 21, Carlin B See Vargas FC
Carlo DJ See Halpern SE
Carlos R See Hasuo K
Carlos R, Fukusi M; Hasuo K; et al: radiological
analysis of hemifacial spasm with special
reference to angiographic manifestations,
(Neuroradiol), 28: 288, 1986 1986
Carrasco CR; Stierman ED; Harnsberger HR; et al:
algorithm for prenatal ultrasound diagnosis of
congenital CNS abnormalities, (J Ultrasound
Med), 4: 163, 1985
Carrasquillo JA See Larson SM
Carrera GF See Barthelemy CR
Carrera GF See Collier BD
Carrera GF See Collier BD
Carrera GF See Kneeland JB (Neuroradiol), 28: 285, 1986
Carlsen K-H See Eriksson J
Carlsen O; Kvinesdal B; Nathan E: quantitative evaluation of iodine-123 hippuran gamma camera renography in normal children, (J Nucl Med), 27: 117, 1986
Carlson HC See Culp CE
Carlson HC See Ormson MJ
Carlson HC: perspective: small bowel examination in the diagnosis of Crohn's disease, (AJR), 147: 63, 1986 Carrera GF See SanDretto MA Carretta R See Floyd JL Carretta R See Matin P Carrier L; Picard D; Chartrand R; et al: abdominal patterns of indium-111 labeled leukocyte imaging, (Clin Nucl Med), 11: 153, 1986 Carrier R See Hebert G in the diagnosis of Cronn's disease, (AJR), 147:
63, 1986
Carlson HC; Breen JF; amyloidosis and plasma cell
dyscrasias: gastrointestinal involvement, (Semin
Roentgenol), 21: 128, 1986
Carlson RA See Ottery FD
Carmichael J; Friedman N; Tochner Z; et al:
inhibition of the protective effect of
cyclophosphamide by pre-treatment with
buthionine sulfoximine, (Int J Radiat Oncol Biol
Phys), 12: 1191, 1986
Carmody RF See Burt TB
Carmody RF See Seeger JF
Carmody RF See Seeger JF
Carmody RF See Yang PJ
Carney PG See Crosbie DC
Caro PA See Mahboubi S Carrier R: radiation risks in medical imaging, (Radiology), 153: 838, 1984 Carrington CB See McLoud TC Carrio I; Estorch M: cold sternal image as a sign of metastatic involvement, (Clin Nucl Med), 11: 417, 1986
Carroll B See Sommer FG
Carroll BA See Erwin BC
Carroll BA See Green D
Carroll BA See James AE Jr
Carroll BA See Kone KD
Carroll BA See Sommer FG
Carroll BA See Sommer FG Carroll F See James AE Jr Carroll F see James AE Jr Carroll FE See Podgorski GT Carroll JE Jr See Roos CF Carroll JE See Murphy WA Carroll PR; McAninch JW: major bladder traus Caro PA See Mahboubi S Carol EJ See Jakimowicz JJ Caroli GC See Capanna R Caroline DF See Ball DS the accuracy of cystography, (Radiology), 152: Caroline DF See Glick SN Caroline DF See Levine MS 550, 1984 Carron DB See Mathias CJ Carron DB See Mathias CJ
Carsen G See Bass IS
Carsky EW See Raasch BN
Carson CC; Braun S; Weinerth JL; et al: modified
Johnson baske for antegrade stone extraction,
(Radiology), 156: 271, 1985
Carson CC III See Brown MW
Carson CC III See Brown MW
Carson EB See Shuman WP
Carson JA: imperforate anus: neurologic
implications of sacral abnormalities,
(Radiology), 157: 853, 1985
Carson PL See Aisen AM
Carson PL See Bland PH
Carson PL See Chenevert TL Caroline DF; Herlinger H; Laufer I; et al: small-bowel enema in the diagnosis of adhesive obstructions, (AJR), 142: 1133, 1984 Caroline DF; Pollack HM; Banner MP; Schneck C: self-limiting extravasation in the unused urinary bladder, (Radiology), 155: 311, 1985 Caron J-L See Worthington C
Carpenter J See Dymond DS
Carpenter J See Gal R
Carpenter JT Jr See Breatnach E
Carpenter RJ Jsee Hadlock FP
Carpenter RJ Jr See Reiter AA Carpentier PJ; Schroder FH: transrectal ultrasonography in the following of prostatic carcinoma patients: a new prognostic parameter? (Radiology), 154: 569, 1985 Carson PL See Chenevert TL Carson PL See Hearshen DO Carson PL See Scherzinger AL
Carson PL See Scherzinger AL
Carson PL; Meyer CR; Bowerman RA: prediction of
fetal lung maturity with ultrasound,
(Radiology), 155: 533, 1985
Carson RE: maximum likelihood method for region-Carr BE See Cohen MD Carr D See Collier NA Carr D See Coller NA
Carr D See Epenetos AA
Carr DH See Blake PR
Carr DH See Gibson RN
Carr DH See Hadjis NS of-interest evaluation in emission tomography, (ICAT), 10: 654, 1986 Carstensen EL: biological effects of acoustic cavitation, (Ultrasound Med Biol), 12: 703, 1986 Carr DH See Hicks IP Carr DH See Thomas AMK Carr DH See Thomas AMK
Carr DH See Walker AC
Carr DH; Brown J; Bydder GM; et al: gadoliniumDTPA as a contrast agent in MRI: initial clinical
experience in 20 patients, (AJR), 143: 215, 1944
Carr DH; Brown J; Leung AW-L; et al: iron and
gadolinium chelates as contrast agents in NMR
imaging: preliminary studies, (Radiology), 154:
858, 1985 Carstensen EL; Gates AH: effects of pulsed ultrasound on the fetus, (Radiology), 154: 569. Carstensen EL; Gates AH: ultrasound and the mammalian fetus, (Clin Diagn Ultrasound), 16: 85, 1985 Carter AP See Beers GJ Carter AR See Weiss RM Carter AR See Weltin G Carr DH; Graif M; Niendorf HP; et al: gadolinium-Carter AR See Weltin G
Carter AR; Horgan JG; Jennings TA;
Rosenfield AT; junctional parenchymal defect:
sonographic variant of renal anatomy,
(Radiology), 154: 499, 1985
Carter B See Clark J DTPA in the assessment of liver tumours by magnetic resonance imaging, (Clin Radiol), 37: 347, 1986

Carter BL See Charnoff SK

Carter BL See Cole DR

Carter BL See Isner JM

Carter BL See Sarno RC Carter CJ See Hull RD

Carter EA See Rosen BR

Carter JR See Leeson MC

Carr DH; Hadjis NS; Banks LM; et al: computed tomography of hilar cholangiocarcinoma: new sign, (AIR), 145: 53, 1985

predictive assay for adverse reactions to radiographic contrast medium, (Radiology), 156: 270, 1985

Carr DH; Walker AC: kinin activation as a

Carr L See Goodman JD

Carr L See Grabb A Carr L See Yeh H-C

Carter MM See Ruharm MV

Carter MM; Tarr RW; Mazer MJ; et al: "aortic
nipple" as a sign of impending superior vena
caval syndrome, (Radiology), 157: 848, 1985 Carter MP See Lester JW Jr Carter P See Benjamin B Carter SJ See Shuman WP Cartwright CA See Lyon J Carty H See Brown A Carty H See Oakley RH Carty H See Turner A Carty H See Turner A
Carty H: Brereton RJ: distended neonate,
(Radiology), 151: 263, 1984
Carty H: Maxted M: Fielding JA; et al: isotope
scanning in the "irritable hip syndrome",
(Radiology), 134: 562, 1985
Carty HML See Phelan EMD Carusi PA See Robey G Carvlin MJ See Hackney DB Casal GL: fascial dilator for percutaneous drainage procedures, (Radiology), 155; 833, 1985 Casarella WJ See Berkman WA Casarella WJ See Braun IF Casarella WJ See McCain AH Casarella WJ See Martin LG Casarella WJ; Martin EC: angiography in the management of abdominal trauma, (Semin Roentgenol), 19: 321, 1984 Casazza M; Bracchi M; Girotti F: spinal myoclonus and clinical worsening after intravenous contrast medium in a patient with spinal arteriovenous malformation, (AJNR), 6: 965, Cascade PN See Rubenfire M Cascade PN See Rubentire M Cascino TL; Baglivo J; Conti J; et al: quantitative CT assessment of furosemide- and mannitol-induced changes in brain water content, (Radiology), 151: 550, 1984Cascino TL; Kori S; Krol G; et al: CT of the brachial plexus in patients with cancer, (Radiology), 152: 856, 1984 Casey D; Mirra J; Staple TW: parasymphyseal insufficiency fractures of the os pubis, (AJR), 142: 581, 1984 Casey KF See Rothfus WE Casey M See Ginjaume M
Casey M See Ginjaume M
Casey ME; Hoffman EJ: quantitation in positron
emission computed tomography: 7. technique to
reduce noise in accidental coincidence
measurements and coincidence efficiency
calibration, (JCAT), 10: 845, 1986 calibration, (U.A.1), 10: 845, 1986
Casey TT, Stone WJ; Diffamiondo CR; et al:
tumoral amyloidosis of bone of beta<sub>2</sub>microglobulin origin in association with longterm hemodialysis: new type of amyloid disease
(Radiology), 161: 860, 1986
Casola G See Bret PM Casola G See Herba MJ Casola G See Marx M Casola G See Quinn SF Casola G See VanSonnenberg E
Casola G; Nicolet Y; vanSonnenberg E; Withers C;
Bretagnolle M; Saba RM: unsuspected
pheochromocytoma: risk of blood-pressure
alterations during percutaneous adrenal biopsy.
(Radiology), 159; 733, 1986 Casola G; Scheible W; Leopold GR: large umbilical cord: normal finding in some fetuses, (Radiology), 156: 181, 1985 (Radiology), 150: 191, 1905

Casola G; Scheible W; Leopold GR: neuroblastoma metastatic to the testis: ultrasonographic screening as an aid to clinical staging, (Radiology), 151: 475, 1984 (Radiology), 151: 475, 1984
Casola G; vanSonnenberg E: skin damage from acetylcysteine leak during percutaneous abscess drainage, (Radiology), 152: 233, 1984
Casola G; Withers C; vanSonnenberg E; Herba MJ; Saba RM, Brown RA: percutaneous eccostomy for decompression of the massively distended cecum, (Radiology), 158: 793, 1986 Cassady JR: cancer diagnosis: new concepts and techniques, (Radiology), 151: 504, 1984 Cassar-Pullicino VN; Taylor DN; Tech B; et al: multiple metallic mercury emboli, (Radiology), 157: 848, 1985 Cassell KJ: fundamental approach to the design of a dose-rate calculation program for use in brachytherapy planning, (Radiology), 151: 279, Casselman ES: radiologic recognition of symptomatic spinal synovial cysts, (AJNR), 6: 971, 1985 Casselman J; Oyen R; Baert A; et al: computed tomography of infected epiglottic cyst, (JCAT), tomography 10: 694, 1986 Cassier C; Kien P; Caille J-M: CT images in constitutional abnormalities of the posterior pole of the eye: optic disc coloboma, posterior pole staphyloma, (J Neuroradiol), 15: 11, 1986 Cassileth PA See Gefter WB Cassisi NJ See Mendenhall WM Cassling RJ; Lois JF; Gomes AS: unusual pulmonary angiographic findings in suspected pulmonary embolism, (AJR), 145: 995, 1985

Cassoff J See Dorne HL

Carter MM See Kulkarni MV

Castaines L: Moret I: Picard L: et al: sodium nitroprusside for the control of arterial spasm during embolization in the territory of the external carotid artery, (J Neuroradiol), 15: 32,

Castaldo JE; Bernat JL; Meier FA; et al: intracranial

Castaldo JE; Bernat JL; Meier FA; et al: intracranial metastases due to prostatic carcinoma, (Radiology). 152: 557, 1984
Castaneda-Zuniga WR See Butto F
Castaneda-Zuniga WR See Cardella JF
Castaneda-Zuniga WR See Caleman RV
Castaneda-Zuniga WR See Clayman RV
Castaneda-Zuniga WR See Cragg AH
Castaneda-Zuniga WR See Darcy MD
Castaneda-Zuniga WR See Darcy MD
Castaneda-Zuniga WR See Darcy MD
Castaneda-Zuniga WR See Hunter DW
Castaneda-Zuniga WR See Hunter DW
Castaneda-Zuniga WR See Mercado S
Castaneda-Zuniga WR See Smith TP
Castaneda-Zuniga WR See Smith TP
Castaneda-Zuniga WR See Tadavarthy SM
Castale RJ See Conners AF Jr
Castelling JA; Doornbos J; Verbeeten B Jr; et al: MR
imaging of the normal larynx, (JCAT), 9: 919,
1985
Castell DO See Curtis DJ Castell DO See Curtis DJ

Castell DO See Curtis DJ
Castellan RM; Sanderson WT; Petersen MR:
prevalence of radiographic appearance of
pneumoconiosis in an unexposed blue collar
population, (Radiology), 157: 848, 1985
Castellani V See Visona A
Castelli C See Pazzaglia UE
Castellino RA See Cho CS
Castellino RA See Djang WT
Castellino RA See Marglin SI
Castellino RA: Hodgkin disease: practical concepts
for the diagnostic radiologist, (Radiology), 159:
305, 1986

305, 1986

Castellino RA; Blank N; Hoppe RT; Cho C: Hodgkin disease: contributions of chest CT in the initial staging evaluation, (Radiology), 160:

Castellino RA; Hoppe RT; Blank N; et al: computed tomography, lymphography, and staging laparotomy: correlations in initial staging of Hodgkin disease, (AJR), 143: 37, 1984 Castello J See Ramos A

Castillo M; Nunez D; Morillo G: review of computed tomography findings in thrombosis of the major abdominal venous pathways, (CT), 10: 205, 1986

10: 205, 1986
Castillo M; Oldham S: cardiac volvulus: plain film recognition of an often fatal condition, (AJR), 145: 271, 1985
Castro JR See Austin-Seymour MM
Castro L See Rath M
Castronovo FP Jr: gastroesophageal scintiscanning in a pediatric population: dosimetry, (J Nucl Med), 27: 1212, 1986

Castronuovo J See Lisann NM Castronuovo JJ See Chandramouly BS

Castroci M See Chandramouly BS Castrucci M See Rossi P Casu AR See Madeddu G Catalona WJ See Tackett RE Catena L See Markle BM Cates JD; Foley WD; Lawson TL: retrograde Cates JUJ; roley WLJ; Lawson TL: retrograde opacification of the renal vein: CT sign of renal artery avulsion, (Urol Radiol), 8: 92, 1986

Catro A See Roda JM

Catterll M See Lyons J

Catterall M See Bessell EM

Catterall M See Friender BP

Catterall M See Errington RD Cattin F See Bonneville J-F Cattin F See Dietemann JL

6

Cattin F See Dietemann JL

Catz A; Reider-Groswasser I: acoustic neurinoma
and posterior fossa meningioma: clinical and CT
radiologic findings, (Neuroradiol), 28: 47, 1986

Cavailloles F; Vitaux F; Petiet A; et al: thallium
uptake in fasted and nonfasted rats, (Radiology),
150: 617, 1984

Cavalieri R See Nelson MJ

Cavallaro A; Alessi G; Sciacca V; et al: in vivo study
of Dacron aortic grafts through B-mode
ultrasonography, (J Ultrasound Med), 4: 235,
1985

Cavaluzzi JA; Oh KS; Goldman SM: prenatal and post-natal persistent overriding cranial sutures, (Radiology), 157: 569, 1985 Cavanagh N See Kendall B Cavanagh P See Jones DK

Cavanagh P See Jones DK
Cavanaugh B See Glick SN
Cavanaugh B See Spizany DL
Cavanaugh DJ See Unger FM
Cawley K See Saigh J
Cawthon MA See Bauman JM
Cawthon MA See Hartshorne MF
Cawthon MA See Hartshorne MF
Cawthon MA See Telepak RJ
Cayea PD; Balcar I; Alberti O Jr; et al: prenatal
diagnosis of semilobar holoprosencephaly,
(AJR), 142: 401, 1984
Cayea PD; Bieber FR; Ross MJ; et al: sonographic
findings in otocephaly (synotia), (J Ultrasound
Med), 4: 377, 1985

Cayea PD; Grant DC; Doubilet PM; Jones TB: prediction of fetal lung maturity: inaccuracy of study using conventional ultrasound instruments, (Radiology), 155: 473, 1985

Cayea PD; Seltzer SE: new barium paste for computed tomography of the esophagus, (JCAT), 9: 214, 1985

Cazenave L See Fink IJ
Cecchini A; Pezzotta S; Paoletti P; et al: dense dermoids in craniocervical region, (Radiology), 150: 865, 1984

Cefalo RC See Seeds JW
Celesia GG; Polcyn RE; Holden JE; et al:
determination of regional cerebral blood flow in
patients with cerebral infarction. use of
fluoromethane labeled with fluorine 18 and positron emission tomography, (Radiology), 153: 853, 1984

Cellerier P. Georget AM; Irthum B; et al: results of metrizamide CT cisternography: 37 cases of fracture of the base of the skull (anterior and/or middle fossae), (Radiology), 152: 856, 1984

Cenizal JS See Cholankeril JV
Centeno RS; Hackney DB; Rothrock JR:
streptokinase clot lysis in acute occlusions of the
cranial circulation: study in rabbits, (AJNR), 6:
589, 1985

Cerba D See Blery M

Cerba D See Biery M
Cercassi JC See Espinasse P
Cerdan S; Subramanian VH; Hilberman M; et al:

<sup>31</sup>P NMR detection of mobile dog brain
phospholipids, (Magn Res Med), 3: 432, 1986
Cerny JA See Bassett LW
Cerny JC See Littleton RH
Cerny V See McSweeney MB

Cerqueira MD See Eary JF Cerqueira MD See Gilbert BR

Cerqueira MD see Glibert ok Cerri GG; Alves VAF; Magalhaes A: hepatosplenic schistosomiasis mansoni: ultrasound manifestations, (Radiology), 153: 777, 1984 Cerullo LJ See Smith SJ

Cerunite 1, See Smith 9]
Cervantes LA: concurrent delayed temporal and
posterior fossa epidural hematomas. case report,
(Radiology), 151: 550, 1984
Cesaretti A See Groli C

Cesarini K; Pech P; Haughton VM: experimental endovascular reinforcement, (Neuroradiol), 28: 78, 1986

Chacko AK See Moe RD
Chacko V See Joseph B
Chafetz NI; Hattner RS; Ruarke WC; et al:
multinuclide digital subtraction imaging in
symptomatic prosthetic joints, (AJR), 144: 1255,
1985

Chaffey JT See Rich TA Chapton JP; Devars du Mayne JF; Marche C; et al: multifocal idiopathic stenosing enteritis, (Radiology), 157: 280, 1985 Chagnon S See Blery M

Chagnon SF; Vallee CA; Barge J; Chevalier L; Le Gal J; Blery MV: aneurysmal portahepatic venous fistula: report of two cases, (Radiology), venous fistula 159: 693, 1986

Chain J See Zollikofer CL

Chain J See Zollikofer CL
Chaise LS; Soulen RL; Teplick S; et al: computed tomographic diagnosis of pulmonary varix, (Radiology), 151: 554, 1984
Chaisson D See Laxer RM
Chak LY; Zatz LM; Wasserstein P; et al: neurologic dysfunction in patients treated for small cell carcinoma of the lung: clinical and radiological study, (Int J Radiat Oncol Biol Phys), 12: 385, 1986

Chakera TMH; Khangure MS; Pullen P: as by computed tomography of the response of pituitary macroadenomas to bromocriptine, (Radiology), 157: 574, 1985

Chakeres DW: clinical significance of partial volume averaging of the temporal bone, (AJNR), 5: 297, 1984

Chakeres DW: CT of ear structures: a tailored

approach, (Radiol Clin North Am), 22: 3, 1984 Chakeres DW; Bryan RN: acute subarachnoid

hemorrhage: in vitro comparison of magnetic resonance and computed tomography, (AJNR), 7: 223, 1986 Chakeres DW; Kapila A: normal and pathologic radiographic anatomy of the motor innervation of the face, (AJNR), 5: 591, 1984

Chakeres DW; Kapila A; LaMasters D: radiology of the ambient cistern. part II: pathology, (Neuroradiol), 28: 4, 1986

Chakeres DW; Kapila A; LaMasters D: soft-tissue abnormalities of the external auditory canal: subject review of CT findings, (Radiology), 156:

Chakeres DW; Weider DJ: computed tomography of the ossicles, (Radiology), 158: 860, 1986 Chakeres DW; Wiatrowski W: cerebral

angiography: a device to reduce exposure to the eye lens, (Radiology), 152: 534, 1984 Chako AC See Wiener JI

Chakraborty DP See Niklason LT

Chakraborty DP; Breatnach ES; Yester MV; Soto B; Barnes GT; Fraser RG: digital and conventional chest imaging: modified ROC study of observer performance using simulated nodules, (Radiology), 158: 35, 1986

(Radiology), 158: 35, 1986
Chakraborty DP; Gupta KL; Barnes GT; Vitek JJ:
digital subtraction angiography apparatus,
(Radiology), 157: 547, 1985
Chakraborty DP; Yester MV; Barnes GT;
Lakshminarayanan AV: self-masking
subtraction tomosynthesis, (Radiology), 150:
225, 1984
Chalconi LE

Chalaoui J See Gregoire P Chalaoui J See Nicolet V Chalaoui J See Prosmanne O

Chalaoui J, Gregoire P; Sylvestre J; Lefebvre R; Amyot R: pulmonary hyalinizing granuloma: a cause of pulmonary nodules, (Radiology), 152: 23, 1984

Chaliff MI See Proto AV

Challender J See Lewandowski BJ Challender JG; Winsberg F: echocardiographic demonstration of pericardial fluid adjacent to the right atrial wall, (Radiology), 150: 615, 1984

Chalmers AG See McNamara MJ Chalmers AG; Gallegos NC: spondyloschisis of the anterior arch of the atlas, (Radiology), 158: 859, 1986

Chalmers AG; Robinson PJ; Chapman AH: embolisation in small bowel haemorrhage, (Clin Radiol), 37: 379, 1986

Chalmers AG; Wyatt J; Robinson PJ: computed tomographic and pathological findings in pulmonary alveolar microlithiasis, (Br J Radiol), 59: 408, 1986

Chaloupka JC; Fishman EK; Siegelman SS: use of CT in the evaluation of primary cardiac tumors, (Cardiovasc Intervent Radiol), 9: 132, 1986

Chamberlain DW See Huang D Chamberlain MJ See Vezina WC Chamberlain PF See Divon MY

Chambers AA; Lukin RR; Tomsick TA: suprasellar masses, (Semin Roentgenol), 19: 84, 1984 Chambers RA See Blum LW

Chambers RW See Abdullah AF
Chambers SE; Best JJK: comparison of dilute barium and dilute water soluble contrast opacification of the bowel for abdominal computed tomography, (Radiology), 156: 281, 1985

Chan ARW See Roederer GO Chan B; Bergstrom M; Palmer MR; et al: scatter distribution in transmission measurements with positron emission tomography, (JCAT), 10: 296, 1986

Chan B; Merton-Gaythorpe JV; Kadaba MP; Zafaranloo S; Bryk D: acoustic properties of polyvinyl chloridd gelatin for use in ultrasonography, (Radiology), 152: 215, 1984

Chan FL See Chau EMT Chan FL; Chow SP: retroperitoneal fibrosis after anterior spinal fusion, (Radiology), 150: 288, 1984

Chan H-P See Doi K

Chan H-P See Fujita H Chan H-P See Kodera Y

Chan H-P See Kodera Y
Chan H-P, Frank PH; Doi K; Iida N; Higashida Y:
development of ultra-high-strip-density
(UHSD) grids: new antiscatter technique for
mammography, (Radiology), 154: 807, 1985
Chan HSL See Farrelly CA

Chan HSL See Israels SJ

Chan HSL; Daneman A; Gribbin M; et al: renal cell carcinoma in the first two decades of life, (Radiology), 151: 548, 1984

Chan HSL; Sonley MJ; Moes CAF; et al: primary and secondary tumors of childhood involving the heart, pericardium, and great vessels. report of 75 cases and review of the literature, (Radiology), 158: 574, 1986

Chan JC See Post MJD

Chan K; Watmough DI; Hope DT; et al: new motor-driven surgical probe and its in vitro comparison with the Cavitron Ultrasonic Surgical Aspirator, (Ultrasound Med Biol), 12: 279, 1986

Chan K-W See LeBlanc JG

Chan PKL; Skov KA; James BR; et al: new ruthenium radiosensitizer: RuCl<sub>2</sub>(DMSO)<sub>2</sub>(4-nitroimidazole)<sub>2</sub>, (Int J Radiat Oncol Biol Phys), 12: 1071-1084. 12: 1059 1986

Chan W See Rabinovitch MA Chan WC See Erwin BC

Chandler JB See El-Khoury GY
Chandler JB: diagnosis and cure of venous hum
tinnitus, (Radiology), 151: 828, 1984
Chandler JB; Goulding R; Moskowitz L; et al:
nasopharyngeal angiofibromas: staging and
management, (Radiology), 156: 279, 1985

Chandler ST; Buckels J; Hawker RJ; et al: indium-labelled platelet uptake in rejecting renal transplants, (Radiology), 151: 562, 1984

Chandler WF See Gerke KF

Chandler WF See Knake IE

Chandler WF See Knake JE Chandra R See Pizzarello DJ Chandra R; Pizzarello DJ: effect of stress on proton relaxation times (T1 and T2) of rat liver, (Invest Radiol), 21: 652, 1986

Chandramouly BS; Tiu S; Castronuovo JJ: uptake of gallium in the breasts, (Semin Nucl Med), 14: 50, 1984

50, 1984
Chandraratna P See Butman S
Chandraratna PAN; Aronow WS: genesis of the systolic murmur of idiopathic hypertrophic subaortic stenosis: phonocardiographic, echocardiographic, and pulsed Doppler ultrasound correlations, (Radiology), 150: 615, 100 of the control of the

Chandraratna PAN; Reid CL; Nimalasuriya A; et al: application of 2-dimensional contrast studies during pericardiocentesis, (Radiology), 152: 264,

1984
Chandra-Sekar B See Vitek JJ
Chandrasoma P See Bentley E
Chandrasoma P See Ralls PW
Chaney C See Erdman WA
Chang AC; Destouet JM; Murphy WA:
musculoskeletal sporotrichosis, (Radiology),
154: 848, 1985

154: 348, 1985
Chang CCN See Giulian BB
Chang CCN; Giulian BB: congenital bronchobiliary
fistula, (Radiology), 156: 82, 1985
Chang C-H See Slovis TI.
Chang CHJ See Fritz SL

Chang GY See McMurdo SK Jr

Chang CHJ See Fritz SL
Chang GY See McMurdo SK Jr
Chang HSee Crooks LE
Chang HSee Crooks LE
Chang HSee Fritz SL
Chang HSee Friberg DA
Chang JK See Winuela FV
Chang K See Winuela FV
Chang K See Maravilla KR
Chang KH See Hesselink JR
Chang KH See Hesselink JR
Chang KH See Hesselink JR
Chang R See Auster M
Chang R See Gallacher DJ
Chang R See Gallacher DJ
Chang R See Kinnison ML
Chang R See Mitchell SE
Chang WH; Cunningham JJ; Fromkes JJ;
sonographic measurement of the extrahepatic
bile duct before and after retrograde
cholangiography, (AJR), 1444: 753, 1985
Chao PW; Farman J; Kapelner S: CT features of
presacral mass: unusual focus of extramedullary
hematopoiesis, (ICAT), 10: 684, 1986
Chao W-T; Chou M-L; Eitzman DV: intracranial
hemorrhage and vitamin K deficiency in early
infancy, (Radiology), 156: 273, 1985
Chaplin DJ See Doulgas BG
Chaplin DJ See Dolive PL
Chaplin DJ; Durand RE; Stratford IJ; et al:
radiosensitizing and toxic effects of RSU-1069
on hypoxic cells in a murine tumor, (Int J Radiat
Oncol Bio Phys), 12: 1091, 1986
Chapman A See Killmers AG

Chapman A See Millward SF Chapman AH See Chalmers AG

Chapman AH See Chalmers AG
Chapman AL See Cibis GW
Chapman GS; Kumar D; Redmond J III; et al: upper
abdominal computerized tomography scanning
in staging non-small cell lung carcinoma,
(Radiology), 155: 860, 1985
Chapman JC See James AE Jr
Chapman JD See Urtasun RC
Chapman JD See Van Os-Corby DJ
Chapman JR See Treacher DF
Chapman M See Hall-Craggs MA
Chapman P See Kolsin DB
Chapman RW See Bass NM
Chapman RW See Bass NM

Chapman S; Bolton R: case reports: intraureteric eversion and reflux into a simple ureterocele, (Radiology), 153: 851, 1984

Chapnik HS: controversy of Warthin's tumor, (Radiology), 151: 828, 1984 Chappel GJ See Colice GL

Chappel GJ See Collee GL
Chappel J See Bar-Maor JA
Char DH See Lallemand DP
Char DH See Sobel DF
Charboneau JW See Bornstein I
Charboneau JW See Clain JE

Charboneau JW See Edmonson GR Charboneau JW See Edmonson GR Charboneau JW See Emory TH Charboneau JW See James EM Charboneau JW See Kirschling RJ Charboneau JW See Nichols DA

Charboneau JW See Reading CC Charboneau JW See Welch TJ

Charboneau JW See Welch TJ
Charboneau JW; James EM; van heerden JA; et al:
intraoperative real-time ultrasonographic
localization of pancreatic insulinomia: initial
experience, (Radiology), 151: 833, 1984
Charlebois N; Saint-Georges G; Hudon G:
percutaneous transluminal angioplasty of the
lower abdominal aorta, (AJR), 146: 369, 1986
Charlebois S See Lafortune M

Charles C See Axel L Charles C See Mark I Charleson FP See Flanagan RJ

Charlin B See Brazeau-Lamontagne L Charlin B See Brazeau-Lamontagne L Charnoff SK; Carter BL: plunging ranula: CT diagnosis, (Radiology), 158: 467, 1986 Charnsangavej C See Baker SR

Charnsangavej C See Carrasco CH Charnsangavej C See Pollack M Charnsangavej C See Wallace MJ

Charnsangavej C See Wallace S Charnsangavej C See Woods DM

Charnsangavej C See Woods DM
Charnsangavej C See Wright KC
Charnsangavej C; Carrasco CH; Wallace S;
Wright KC; Ogawa K; Richil W; Gianturco C:
stenosis of the veha cava: preliminary
assessment of treatment with expandable
metallic stents. (Radiology). 161: 295, 1986
Charnsangavej C; Lee Y-y; Carrasco CH; Fuen LG;
Tang RA; Wright KC; Wallace S; Gianturco C:
survacilizational dixtracertid chemotherany using.

supraclinoid intracarotid chemotherapy using a flow-directed soft-tipped catheter, (Radiology), 155: 655, 1985

Charnsangavej C; Wallace S; Wright KC; Carrasco CH; Gianturco C: endovascular stent for use in aortic dissection: an in vitro experiment, (Radiology), 157: 323, 1985 Charoensiri S See Katoh AK

Charters JR See Alcorn FS Charters JR See Petasnick JP Chartrand R See Carrier L Chase TN See Foster NL Chase TN See Simmons JT

Chase TN See Simmons J1
Chasen MH See Kilgore TL
Chasen MH; McCarthy MJ; pulmonary nodules:
detection of calcification by linear and
pluridirectional movement in tomographic
study, (Radiology), 156: 589, 1985

Chasen MH; McCarthy MJ; Gilliland JD; Floyd JL: concepts in computed tomography of the thorax, (Radiographics), 6: 793, 1986

Chasen MH; Rugh KS; Shelton DK: mediastinal impressions on the dilated esophagus, (Radiol Clin North Am), 22: 591, 1984

Chason DP See Halpert RD

Chaston Dr See Raighert RD Chatter J See Rosenberg HK Chatterton B: communication between a continuous ambulatory peritoneal dialysis cannula and right fallopian tube demonstrated radiographically, (Radiology), 155: 851, 1985 Chatterton BE See Davies RP

Chatterton BE; Boucaut H; Wilson CG: incidence of sub-hepatic collections after cholecystectomy, (Australas Radiol), 30: 30, 1986

(Austraias Radiol), 30: 30, 1986

Chau EMT; Leong LLY; Chan FL: prominent periportal echogenicity: its sonographic evaluation and its significance, (Br J Radiol), 59: 543, 1986

Chaudary MA; Gravelle IH; Bulstrode JC; et al: breast parenchymal patterns in women with bilateral primary breast cancer, (Radiology), 152: 252, 1984

Chauhan PS See Dunn EK Chaumont P See Brunelle FOS Chausow A See Walsh TJ

Chaussy C; Schmiedt E: extracorporeal shock wave lithotripsy (ESWL) for kidney stones. an alternative to surgery?, (Radiology), 153: 847,

Chaussy C; Schmiedt E; Jocham D; et al: extracorporeal shock-wave lithotripsy (ESWL) for treatment of urolithiasis, (Radiology), 154:

Chauvel P See Bruneton JN Chavaudra N See Malaise EP

Chavaudra N See Matatas ... Chawla HS See Keller MS Chawla HS; Naidech HJ: "pneumoscalp" after Chawla HS; Naidech HJ: "pneumoscalp" after Chawla HS; Naidech HJ: "pneumoscalp" after

Chawluk J See Alavi A
Chazal RA; Armstrong WF; Dillon JC; et al:
diastolic ventricular septal motion in atrial
septal defect: analysis of M-mode
echocardiograms in 31 patients, (Radiology),
152; 264, 1984

Ch. de Crespigny L; McBain JC; Gronow MJ; et al: pregnancy after percutaneous transvesical ultrasound-guided follicle aspiration for in-vitro fertilization, (Radiology), 152: 865, 1984 Chechick A See Salai M

Checkley D See Hickey DS

Checkley D See Hickey DS
Checkley DR; Sekiya T; Isherwood I; et al: in vivo
evaluation of myocardial infarction by
computed tomography: experiment with
electrocardiographic gating, (Br J Radiol), 59:
461-1082

Checkley DR; Zhu XP; Hickey DS; et al: method for increasing the resolution of scanned projection radiography and other digital x-ray systems, (Br J Radiol), 59: 365, 1986

eseman CI See Thomson ABR Chehabi HH See Bonte FJ

Chehrazi B See McGahan JP Cheikh MB See Mechmeche R Cheitlin MD See Didier D

Chejfec G; Jablokow VR; Gould VE: linitis plastica carcinoma of the esophagus, (Radiology), 150: 854, 1984

Chen C-Y See Liu R-S

Chen DCP; Holder LE; Melloul M: radionuclide Chen DCP; Holder LE; Melloul M: radionuclide scrotal imaging: further experience with 210 patients. part 1: anatomy, pathophysiology, and methods, (Radiology), 152: 270, 1984

Chen DCP; Holder LE; Melloul M: radionuclide scrotal imaging: further experience with 210 patients: part 2: results and discussion, (Radiology), 152: 870, 1984

Chen D-S See Sheu J-C

Chen F-d; Hendry JH: radiosensitivity of microcolony- and macrocolony-forming cells in mouse tail epidermis, (Br J Radiol), 59: 389, 1986 Chen GTY See Austin-Seymour MM

Chen H-Y; Lu C-C; Cheng Y-T; et al: antenatal measurement of fetal umbilical venous flow by pulsed Doppler and B-mode ultrasonography, () Ultrasound Med), 5: 319, 1986 Chen JTT See Godwin JD

Chen JTT See Kirks DR

Chen JTT See Kirks DR
Chen JTT: heart. multiple imaging procedures: volume 5, (Radiology), 151: 364, 1984
Chen JTT; Khoury M; Kirks DR; Baber C;
Godwin JD; Ravin CE; Putman CE: obscured aortic arch on the lateral chest radiograph as a sign of coarctation, (Radiology), 153: 595, 1984
Chen JTT; Ravin CE; Handel D: limited value of interlaced ECG-gated radiography in the presence of a normal chest radiograph, (AJR), 142: 65, 1984
Chen K See Swartz HM

Chen KTK: carcinoma arising in a benign lymphoepithelial lesion, (Radiology), 151: 827, 1984

Chen LY See Pan EY

Chen MF See Cramer BC

Chen NS; Barnett CA; Farrer PA; reversibility of intrapulmonary arteriovenous shunts in liver cirrhosis documented by serial radionuclide perfusion lung scans, (Radiology), 154: 861, 1985 Chen P See Mukai I

Chen YM See Gelfand DW Chen YM See Ott DJ

Chen YM; Gelfand DW; Ott DJ; et al: Barrett esophagus as an extension of severe esophag analysis of radiologic signs in 29 cases, (AJR) 145: 275, 1985

Chen ZX; Gu DZ; Yu ZH; et al: radiation therapy of giant cell tumor of bone: analysis of 35 patients, (Int J Radiat Oncol Biol Phys), 12: 329, 1986

Chenery ScA; Japp B; Fitzpatrick PJ: dosimetry of radioactive gold grains for the treatment of choroidal melanoma, (Radiology), 151: 836, 1984 Chenevert TL See Bland PH

Chenevert TL; Bylski DI; Carson PL; Meyer CR; Bland PH; Adler DD; Schmitt RM: ultrasonic computed tomography of the breast: improvement of image quality by use of cross-correlation time-of-flight and phase-insensitive attenuation measurements, (Radiology), 152:

155, 1984 Cheng H-M See Gonzalez RG Cheng HM See terPenning BJ Cheng Y-T See Chen H-Y Cherian G See Tei C

Cherian K See Cherian MJ Cherian MJ; Kumar EN; Cherian K; et al: prone films of abdomen—a diagnostic tool in intestinal obstruction in children, (Radiology), 150: 613, 1984

Chernin MM See Danielson K

Chernin MM; Amberg JR; Kogan FJ; et al: efficacy of radiologic studies in the detection of Barrett's esophagus, (AJR), 147: 257, 1986

Chernin MM; Pond GD; Sahn DJ: digital subtraction angiography of the aortic arch, (Radiology), 155: 848, 1985 Chernish SM See Maglinte DDT

Cherryman G See Sharp PF

Chervenak FA See Jeanty P
Chervenak FA, Brightman RC; Thornton J; et al:
crown-rump length and serum human chorionic
gonadotropin as predictors of gestational age,
(Radiology), 160: 862, 1986

(Kadiology), 100: 862, 1980
Chervenak FA; Goldberg JD; Chiu T-H; et al:
importance of karyotype determination in a
fetus with ventriculomegaly and spina bifida
discovered during the third trimester, (J
Ultrasound Med), 5: 405, 1986

Chervenak FA; Isaacson G; Blakemore KJ; et al: fetal cystic hygroma: cause and natural history, (Radiology), 151: 834, 1984

Chervenak FA; Isaacson G; Rosenberg JC; et al: antenatal diagnosis of frontal cephalocele in a fetus with atelosteogenesis, (J Ultrasound Med),

Chervenak FA; Isaacson G; Tortora M: sonographic study of fetal cystic hygromas, (Radiology), 159: 576, 1986

Chervenak FA; Tortora M; Hobbins JC: antenatal sonographic diagnosis of clubfoot, (J Ultrasound Med), 4: 49, 1985

Chervu LR See Srivastava SC Chesler D See Wedeen VI Chester D See Wedeen V)
Chester DA See Kaul S
Chesney RW See Dabbagh S
Chesney RW See Shore RM
Chessells JM See Mitchell CD Chesser RB See Pitt WR

Chetiyawardana AT: chordoma: results of treatment, (Radiology), 153: 575, 1984 Cheung AYC See Fisher B

Cheung EH; Craver JM; Jones EL; et al: mediastinitis after cardiac valve operations: impact upon survival, (Radiology), 160: 287, 1986

Cheung JY See Hahn FJ Cheung N-KV See Miraldi FD Cheung SW See Crane JP Chevalier L See Azouz EM Chevalier L See Chagnon SF Chevalier RL See Brenbridge AN Chevrot L; Sarrat P; Martin-Bouveyron C; et al:

radioclinical evaluation of a new contrast medium for intravenous urography in renal failure, (Radiology), 152: 845, 1984 Chew FS; Panicek DM; Heitzman ER: late discovery

of a posttraumatic right aortic arch aneurysm, (AJR), 145: 1001, 1985

Chia KB See Khoo FY Chiantella NM See Rao KCVG Chicatelli PD See Gordon IJ Chick B See James AE Jr

Chick BE: practice enhancement: physician's guide to success in private practice, (Radiology), 159: 200, 1986

Chiemchaisri C See Juttijudata P Chik LL See Wolfson RN Chilcote RR See Schraut WH Chilcote WA See Go RT

Chilcote WA See Masaryk TJ Child DD; Newell JD; Bjelland JC; et al: radiographic findings of pulmonary coccidioidomycosis in neonates and infants, (AJR), 145: 261, 1985

(AJR), 149: 241, 1985 Childress MH: fecal fistula following appendectomy in Crohn's disease, (Radiology), 152: 841, 1984 Childress MH: sonographic features of milk of calcium cholecystitis, (JCU), 14: 312, 1986 Chiles C See Hertzberg BS

Chiles C See Sussman SK
Chiles C; Adams GW; Ravin CE: radiographic
manifestations of cardiac sarcoid, (AJR), 145:

Chiles C; Baker ME; Silverman PM: superior

Chiles C; Baker MI; Silverman PM: superior pericardial recess simulating aortic dissection on computed tomography. (ICAT), 10: 421, 1986. Chiles C; Guthaner DF; Jamieson SW; Stinson EB; Oyer PE; Silverman JF: heart-iung transplantation: postoperative chest radiograph, (Radiology), 154: 299, 1985.

Chiles C; Hedlund LW; Kubek RJ; et al: distribution of 15- and 137- $\mu$  diameter microspheres in the dog lung in the axial plane, (Invest Radiol), 21: 618, 1986

Chiles C; Ravin CE: intrathoracic metastasis from an extrathoracic malignancy: radiographic approach to patient evaluation, (Radiol Clin North Am), 23: 427, 1985

Chiles DG See Harms SE
Chilton SJ; Cremin BJ: ultrasound diagnosis of CSF
cystic lesions in the neonatal brain, (Radiology), 152; 254, 1984

Chin AJ; Bierman FZ; Sanders SP; et al: subxyphoid 2-dimensional echocardiographic identification of left ventricular papillary muscle anomalies in complete common atrioventricular canal, (Radiology), 151: 557, 1984

Chin AJ; Sanders SP; Williams RG; et al: twodimensional echocardiographic assessment of caval and pulmonary venous pathways after the Senning operation, (Radiology), 151: 548, 1984 Chin AK See Kinney TB

Chin HW See Maruyama Y Chin JG See Guit GL Chin JK See Kushner DC

Chin KS See Pearl KN Chin LM; Kijewski PK; Svensson GK; et al: dos optimization with computer-controlled gantry rotation, collimator motion and dose-rate variation, (Radiology), 151: 279, 1984 Ching VC See Fritzsche PJ

Chinn DH See Filly RA Chinn DH See Fink IJ Chinn DH See Gross BH Chinn DH See Mahony BS Chinn DH See Worthy L

Chinn DH; Miller EI: generalized testicular hyperechogenicity in acute testicular torsion, (J Ultrasound Med), 4: 495, 1985

Chinov-Acharva P See Grieco MH

Chinoy-Acharya P See Grieco MH
Chin-Sang HB See Pui MH
Chintapalli K See Lawson TL
Chintapalli K; See Yetkin Z
Chintapalli K; Unger JM; Shaffer K; et al:
otosclerosis: comparison of complex-motion
tomography and computed tomography,
(AJNR), 6: 85, 1985

Chinwuba C; Wallman J; Strand R: nasal airway obstruction: CT assessment, (Radiology), **159**: 503, 1986

503, 1986
Chinwuba CE See Iko BO
Chinwuba CE See Wang A-M
Chiodini RJ See Thayer WR
Chiodini RJ; Van Kruiningen HJ; Yer WR; et al:
possible role of mycobacteria in inflammatory
bowel disease. I. an unclassified mycobacterium
species isolated from patients with Crohn's
disease, (Radiology), 156: 265, 1985
Chiou RK See Gonzalez R

Chirakal R; Firnau G; Garnett ES: high yield synthesis of 6-[18F]fluoro-L-dopa, (J Nucl Med), 27: 417, 1986

Chiras J See Sellier N Chirico G See Beluffi G

Chisholm EM; Jones WG; Shiels RA; et al: priorities for computed tomography in the management of testicular seminoma, (Radiology), 156: 281, 1985

Chisholm RJ See Burhenne HJ Chisholm RJ See Burhenne HJ
Chiswick ML: ultrasound brain scanning in the
newborn, (Radiology), 155: 276, 1985
Chitkara U See Abramson A
Chitwood WR Jr See Woodruff WW III
Chiu BKY See Ammann W
Chiu MC See Lasjaunias P
Chiu RC-J See Unruh H
Chit LJ Wes Chorwark FA

Chiu T-H See Chervenak FA
Cho C See Castellino RA
Cho C; Friedland GW; Swenson RS: acquired renal cystic disease and renal neoplasms in hemodialysis patients, (Radiology), 157: 849, 1985

Cho CS; Blank N; Castellino RA: computerized tomography evaluation of chest wall involvement in lymphoma, (Radiology), 157: 286 1985

Cho CS; Blank N; Castellino RA: CT evaluation of

Cho CS; Balan N; Casterlino Ma: C1 evaluation of cardiophrenic angle lymph nodes in patients with malignant lymphoma, (AJR), 143: 719, 1984

Cho CS; Kosek J; cystic dysplasia of the testis: sonographic and pathologic findings, (Radiology), 156: 777, 1985

Cho KC See Hulnick DH

Cho KC; Gold BM: computed tomography of Krukenberg tumors, (AJR), 145: 285, 1985 Cho KJ See Bok EJ

Cho KJ See Griffin DJ Cho KJ See Palmaz JC

Cho KJ See Williams DM
Cho KJ See Williams DM
Cho KJ; Williams DM; Brady TM; Weiss CA;
Forrest ME; Oke EJ; Griffin DJ: transcatheter
embolization with sodium tetradecyl sulfate:
experimental and clinical results, (Radiology),
153: 95, 1984

Cho KM See Woo JSK Cho MH See Park HW Cho S-R See Baker KS Cho S-R See Bundrick TJ

Cho S-R See Cockrell CH Cho S-R See Freeman MP Cho S-R See Henry DA

Cho S-R See Tisnado J Cho S-R; Bundrick TJ: ascites: comparison of plain radiographs with ultrasonograms: reply, (Radiology), 155: 256, 1985 Cho S-R; Schneider V; Beachley MC; et al:

carcinoma of the esophagus assessment of submucosal extent, (Radiology), **150**: 854, 1984 Cho ZH See Lee SW

Cho ZH See Lee SW
Cho ZH See Park HW
Cho ZH See Ra JB
Chodak GW; Wald V; Parmer E; et al: comparison of
digital examination and transrectal
ultrasonography for the diagnosis of prostatic
cancer, (Radiology), 161: 574, 1986 Choi BI See Im J-G

Choi Bl See Brn-J-G
Choi IS See Berenstein A
Choi KH See Wilbur AC
Choi KH; Wilbur AC; Duvall J; et al: orbital
pseudorheumatoid nodule. (AJNR), 6: 828, 1985
Choi SK; Starshak RJ; Meyer GA; et al: arachnoid
cyst of the quadrigeminal plate cistern: report of
two cases, (AJNR), 7: 725, 1986

Choi TK; Wong KP; Wong J: cholangiographic appearance in clonorchiasis, (Radiology), 155: 271, 1985

271, 1985
Cholankeril JV See Joshi RR
Cholankeril JV; Cenizal JS; Ketyer S; et al: diffuse posterior hyperostosis of the cervical spine with cord compression: a Forestier (DISH) variant, (Radiology), 150: 292, 1984
Cholankeril JV; Freundlich R; Ketyer S; et al: computed tomography in urothelial tumors of renal pelvis and related filling defects, (CT), 10: 263, 1986

Cholankeril IV: Lieberman H: chronic granulomatous abscess simulating cerebellopontine angle tumor, (AJNR), 5: 637,

Cholankeril JV; Napolitano J; Ketyer S; et al: computed tomography in the evaluation of dirofilaria immitis granuloma of the lung, (Radiology), 151: 830, 1984 Chole RA See Donald PJ

Chole RA: petrous apicitis: surgical anatomy, (Radiology), 159: 287, 1986 Chole RA; Donald PJ: petrous apicitis. clinical considerations, (Radiology), 152: 859, 1984 Chollat L See Anjou A

Chollat L See Anjou A
Chong JJG; DuBovik S; McCallum RW: achalasia as a risk factor for esophageal carcinoma: a reappraisal, (Radiology), 156: 264, 1985
Chookian E See Singhi SC
Chooljian D See Callen PW
Choplin RH See Bechtold RE
Choplin RH See Williams RC
Choplin RH See Williams RC
Choplin RH; Boehme JM; Cowan RJ; Gelfand DW; Maynard CD; Park WC Jr; Volberg FM; Williams RC: computer-assisted radiologic reporting system, (Radiology), 150: 345, 1984
Choplin RH; Kawamoto EH; Dyer RB; et al: atypical carcinoid of the lung; radiographic features, (AJR), 146: 665, 1986
Choplin RH; Theros EG: pulmonary involvement in

Choplin RH; Theros EG: pulmonary involvement in diseases of other systems, (Radiol Clin North Am), 22: 673, 1984

Chopra JS See Khosia VK Chou M-L See Chaou W-T Chou M-L See Chaou W-1
Chou SN See Nagib MG
Choudhury MS See Addonizio JC
Choussat A See Brendel AJ

Choussat A See Brendel AJ
Chow PP See Horgan JG
Chow PP; Horgan JG; Burns PN; et al: choroid
plexus papilloma: detection by real-time and
Doppler sonography. (AJNR), 7: 168, 1986
Chow PP; Horgan JG; Taylor KJW: neonatal
periventricular leukomalacia: real-time
sonographic diagnosis with CT correlation,
(AJNR), 6: 383, 1985

(A)NK), 6: 383, 1985 Chow SP See Chan FL Choy D; Shi EC; McLean RG; Hoschl R; Murray IPC; Ham JM: cholescintigraphy in acute cholecystitis: use of intravenous morphine, (Radiology), 151: 203, 1984 Choy OG See Velt PM

Choyke PL See Archer AG Choyke PL See Brody JM Choyke PL See Clark LR Choyke PL See O'Brien WM Choyke PL See Pien EH

Choyke PL See Zeman RK Choyke PL; Blei CL; Jaffe MH; et al: prevesical

Choyke PL, Bet Ct.; Jarre Mri; et al: prevesical hematoma: complication of prostatic biopsy, (Urol Radiol), 8: 32, 1986

(Droyke PL, Kressel HY; Pollack HM; Arger PM; Axel L; Mamourian AC: focal renal masses: magnetic resonance imaging, (Radiology), 152: 471, 1984

Choyke PL; Kressel HY; Reichek N; et al: nongated cardiac magnetic resonance imaging: preliminary experience at 0.12 T, (AJR), 143: 1143, 1984

Choyke PL; Thickman D; Kressel HY; et al: controversies in the radiologic diagnosis of pelvic malignancies, (Radiol Clin North Am), 23: 531, 1985

Chretien J See Laredo J-D Chrispin A See Berdon WE

Chrispin A; Small P; Rutter N; et al: echo planar imaging of normal and abnormal connections of the heart and great arteries, (Pediatr Radiol), 16: 289, 1986

289, 1986
Chrispin A; Small P; Rutter N; et al: transectional echo planar imaging of the heart in cyanotic congenital heart disease, (Pediatr Radiol), 16: 293, 1986
Christ ML See Fisher MR
Christen B See Aronchick JM
Christensen DA See Hill SC

Christensen K; Dyreborg U; Anderson JF; et al: value of transvascular embolization in the treatment of renal carcinoma, (Radiology), **156**: 564, 1985

Christensen LR; Shapir J: radiology of colonic interposition and its associated complications, (Gastrointest Radiol), 11: 233, 1986

Christensen S See Rosenthal DI Christenson JT See Larsson E-M Christiansen EL See Thompson JR.

Christiansen EL; Thompson JR; Hasso AN;

Hinshaw DB Jr. correlative thin section

temporomandibular joint anatomy and
computed tomography, (Radiographics), 6: 703,

1986

Christiansen T; Thommesen P: food-stimulated gastro-oesophageal reflux demonstrated by barium examination, (Acta Radiol [Diagn]), 27:

Christie JH See Parker TW
Christie JH See Rosenberg RD
Christie JH See Williams AG Jr
Christinann D See Dirheimer Y
Christoffersen J See Brun B
Christon W See Olak J
Chrousos CP See Doppman JL
Chrzanowski R See Lipp-Zwahlen AE
Chu G-L See Greene D
Chu W-K See Hahn FJ
Chuang C See Rubin P
Chuang CH See Fitz CR
Chuang CH See Seu J-C
Chuang HS See Burrows PE
Chuang C See Rubin P
Chuang CH See Sheu J-C
Chuang HS See Burrows PE
Chuang PS See Burrows PE
Chuang YP See King M
Chuang VP See Knox M
Chuang VP See Martin LG
Chuang VP See Sanchez FW
Chuang VP: angiographic contributions
management of advanced cancer. (A)

Chuang VF See Martin LG
Chuang VP: angiographic contributions to the
management of advanced cancer, (AJR), 142:
385, 1984
Chuang VP; Alspaugh JP; Harris SA Jr; et al:
modified application of the Cope introduction
set, (AJR), 145: 1073, 1985
Chucholowski M See Wendt TG
Chui M; Blakesley D; Mohapatra S: test method for
MR image slice profile, (ICAT), 9: 1150, 1985
ChunG See Messian MS
ChunG See Federle MP
Chung CT See Prasad SC
Chung CT See Prasad SC
Chung CT See Prasad SC
Chung TJ See Coldstein S
Chung M See Hesselink JR
Chung TJ See Coldstein S
Chung M-M: antenatal detection of hepatic cyst,
(ICU), 14: 217, 1986
Churchill RJ See Demos TC

(IČU), 14: 217, 1986
Churchill RJ See Demos TC
Chynn KY See Silver AJ
Ciaravino V; Brulfert A; Miller MW; et al:
diagnostic ultrasound and sister chromatid
exchanges: failure to reproduce positive
findings, (Radiology), 156: 283, 1985
Cibis GW; Harris DJ; Chapman AL; et al:
mucolipidosis I, (Radiology), 158: 859, 1984
Cibis GW; Whittaker CK; Wood WE: intraocular
extension of optic nerve meninicipma in a case

extension of optic nerve meningioma in a case of neurofibromatosis, (Radiology), 158: 285, 1986

of neurofibromatosis, (Radiology), 158: 285, 1986
Cicchetti DV See Rosenfield AT
Cicchetti DV See Rosenfield NS
Cicio GR See Derchi LE
Cienford See Derchi LE
Cienfuegos J See Dominguez R
Cierney G III See Kumar R
Ciesielski TE See Dey HM
Cigtay OS See Stork JT
Cikes I See Ernst A
Cimino C See Savoiardo M
Cinotti L; Meignan M; Legendre T; et al:
myocardial macroaggregate uptake on
successive lung perfusion scans, (Radiology),
153: 282, 1984
Cinotti L; Meignan M; Usdin J-P; et al: diagnostic
value of image processing in myocardial
scintigraphy, (Radiology), 152: 869, 1984
Cinti D; Hawkins HB: aspiration biopsy of
peripheral pulmonary masses using real-time
sonographic guidance, (AJR), 142: 1115, 1984
Cioffi-Ragan DT See Klingensmith WC III
Cionini L; Pacini P; De Paola E; et al: respiratory
function tests after mantle irradiation in
patients with Hodgkin's disease, (Radiology),
157: 864, 1985
Cipriano PR See Zimmerman IJ

Cipriano PR See Zimmerman JJ Cipriano PR: balloon embolectomy catheter used percutaneously: reply, (Radiology), 160: 279, 1986

1986
Ciric IS See Mikhael MA
Ciric IS, Mikhael MA, Stafford T, et al:
transsphenoidal microsurgery of pituitary
macroadenomas with long-term follow-up
results, (Radiology), 152: 271, 1984
Ciro E; Nichols PF III; Maron BJ: heterogeneous
morphologic paymession of gangatesian

results, (Radiology), 152: 271, 1984
Ciro E, Nichols PF III; Maron BJ: heterogeneous morphologic expression of genetically transmitted hypertrophic cardiomyopathy, two-dimensional echocardiographic analysis, (Radiology), 151: 274, 1984
Citrin CM See Johns TJ
Citrin CM See Sherman JL
Clatrin CM: high resolution orbital computed tomography, (ICAT), 10: 810, 1986
Clack FJ See Davies ML
Clader TJ See Dawson EG
Claes HP; Reygaerts DO; Boven FA; Leemans J; De
Boeck M; Geurts JM: echo-free silicone elastomer block for ultrasonography,
(Radiology), 150: 596, 1984
Claessens R See Corstens F
Clagett GP See Cohen AJ
Claiborne AK; Blocker SH; Martin CM; et al: prenatal and postnatal sonographic delineation of gastrointestinal abnormalities in a case of the VATER syndrome, (J Ultrasound Med), 5: 45, 1986

Clain JE; Stephens DH; Charboneau JW: Clain JE; Stephens DH; Charboneau JW: ultrasonography and computed tomography in focal fatty liver. report of two cases with special emphasis on changing appearances over time, (Radiology), 156: 856, 1985 Clair MR See Buffo GC

Clair MR See Purkes EA
Clair MR See Perkes EA
Clair MR; Rosenberg ER; Tempkin D; et al:
placental grading in the complicated or highrisk pregnancy, (Radiology), 151: 834, 1984
Clair MR; Zalneraitis EL; Baim RS; et al:

neurosonographic recognition of subependymal cysts in high-risk neonates, (AJNR), 5: 761, 1984 Clair MR; Zalneraitis EL; Baim RS; et al:

neurosonographic recognition of subependymal cysts in high-risk neonates, (AJR), 144: 377, 1985

Clampitt M See Laakman RW Clampitt ME See Han JS Clampitt ME See Schultz CL Clanton JA See Runge VM Clark CR See El-Khoury GY Clark CR See Menezes AH

Clark CR; White AA: fractures of the dens: multicenter study, (Radiology), 159: 821, 1986 Clark DL See Rees MR

Clark EP: thiol-induced biochemical modification of chemo- and radioresponses, (Int J Radiat Oncol Biol Phys), 12: 1121, 1986

Clark J; Bankoff M; Carter B; et al: use of computerized tomography scan in the staging and follow-up study of carcinoma of the rectum, (Radiology), 155: 860, 1985 Clark JA See Peters TM

Clark JJ; Unni KK; Dahlin DC; et al: osteosarcoma of the jaw, (Radiology), 151: 260, 1984 Clark JW See Alcorn FS Clark JW See Turner DA

Clark KG See Panicek DM Clark LC Jr See Thomas SR Clark LR See Brody JM Clark LR See Pien EH

Clark LR; Jaffe MH; Choyke PL; et al: pancreatic imaging, (Radiol Clin North Am), 23: 489, 1985 Clark MB See Dubroff JM Clark OH See Gooding GAW Clark OH See Stark DD Clark RA See Mitchell SE

Clark RA See Moore PT Clark RA See Pomeranz SI

Clark RA; Gallant TE: acute mesenteric ischemia: angiographic spectrum, (AJR), 142: 555, 1984 Clark RL See Creasy JL

Clark RL See Hillman BJ Clark RL See Matsumoto AH

Clark RL; Hillman BH; Tracey P; et al: comparative microangiographic studies of glycerol- and mercuric chloride-induced renal failure in rats, (Radiology), 153: 847, 1984 Clark RM See Ege GN

Clark SA See Jackson VP Clark SA See Jackson VP Clark WC; Acker JD; Dohan FC Jr; et al: presentation of central nervous system sarcoidosis as intracranial tumors, (Radiology), 161: 863, 1986

Clarke E, Swischuk LE; Hayden CK Jr: tumoral calcinosis, diaphysitis, and hyperphosphatemia, (Radiology), 151: 643, 1984
Clarke EA See Magill HL

Clarke K See Peyster RG Clarke MP See Katz JF

Clarke-Pearson DL See Fortier KJ Clarke-Peason DL; Creasman WT; Ralston M; et al: indium-labeled platelet imaging of postoperative pelvic vein thrombi, (Radiology), 150: 870, 1984

Classen M See Strohm WD Claudon M See Fays J

Claudon M See Fays J Claudon M; Lemaitre L; Francke JP; et al: laryngeal saccule: radiological features in normal children and in upper airways obstructions, (Radiology), 133: 566, 1984

Clausen M See Bice AN Claussen C See Felix R

Claussen C See Felix R
Claussen CD; Banzer D; Pfretzschner C;
Kalender WA; Schorner W: bolus geometry and
dynamics after intravenous contrast medium
injection, (Radiology), 153: 365, 1984
Claussen CD; Laniado M; Schorner W; et al:
gadolinium-DTPA in MR imaging of
glioblastomas and intracranial metastases,
(AJNR), 6: 669, 1985

Clavier E, Thiebot J; Delangre T; et al: Marchiafava-Bignami disease: case studied by CT and MR imaging, (Neuroradiol), 28: 376, 1986 Clayman RV See Coleman CC

Clayman RV See Picus D Clayman RV See Preminger GM

Clayman RV: techniques in percutaneous removal of renal calculi. mechanical extraction and electrohydraulic lithotripsy, (Radiology), 154: 273, 1985

Clayman RV; Castaneda-Zuniga WR: nephrolithotony: percutaneous removal of renal calculi, (Radiology), 153: 847, 1984

Clayman RV; Hunter DW; Surya V; et al: percutaneous intrarenal electrosurgery, (Radiology), 154: 560, 1985

(Radiology), 154: 560, 1985

Clayman RV; Surya V; Hunter DW; et al: renal vascular complications associated with the percutaneous removal of renal calculi, (Radiology), 155: 275, 1985

Clayman W See Goldstein A

Clayman W See Scherzinger AL Clayton JR See Haacke EM Clayton PD See Giles DJ Clayton PD See Pope DL Clearfield HR See Glick SN

Clearfield HR See Teplick SK Cleasby G See Folberg R Cleeland J See Vallis MP Cleghorn GJ See Stringer DA Clements JL Jr See Perkerson RB Jr

Clements JL Jr See Torres WE

Clements R; Bowyer FM: hydatid disease of the pelvis, (Clin Radiol), 37: 375, 1986 Clements R; Fitzgerald E; Thorpe A: diagnosis of spontaneous aorto-caval fistula by computed tomography, (Br J Radiol), 59: 403, 1986 Clements RV See Dandona P

Cleveland RH See Herman TE

Cleveland RH See Kushner DC Cleveland RH; Done S; Correia JA; et al: small carpal bone surface area: characteristic of Turner's syndrome. (Radiology), 156: 566, 1985 Cleveland RH; Kushner DC; Herman TE; et al: acquired ureteropelyci junction obstruction in childhood, (Pediatr Radiol), 16: 76, 1986

Clewell W See Pretorius DH

Clewell W See Tretorius DH Clifford PC See Capper WL Clinkscales NB; Trigg LP; Poklepovic J: obstructive jaundice secondary to benign hepatic cyst, (Radiology), 154: 643, 1985

Cloogman HM; DiCapo RD: hereditary hemorrhage telangiectasia: sonographic findings in the liver, (Radiology), 150: 521, 1984

Cloostermans MJTM; Mol H; Verhoef WA; et al: in vitro estimation of acoustic parameters of the liver and correlations with histology, (Ultrasound Med Biol), 12: 39, 1986

Clopton P See Sartoris DJ Clorius JH See Konig R

Clorius JH; Schmidlin P: exercise renogram. a new approach documents renal involvement in systemic hypertension, (Radiology), 150: 616,

Close LG See Schaefer SD Clouse ME See Gardiner GA Jr Clouse ME See Lanir A Clouse ME See Lee RGL Clouse ME See Lee SM Clouse ME See Mikulis DJ

Clouse ME See O'Leary DH Clouse ME; Costello P; O'Leary DH: removal of intravascular foreign bodies using a modified Grollman catheter and dormia basket, (Radiology), 156: 270, 1985

(Radiology), 156: 270, 1985

Clouse ME; Falchuk KR; percutaneous transhepatic removal of common duct stones: report of ten patients, (Radiology), 153: 564, 1984

Clouse ME; Lee RGL: management of the posthepatic artery embolization syndrome, (Radiology), 152: 238, 1984

Clouse ME; Lee RGL; Evans DD: multicystic renal cell carcinoma, (Radiology), 150: 296, 1984

Clouse ME; Stokes KR; Lee RGL; Falchuk KR: bile days stones recording uses a feet of the stones recording the stones and the stones are considered. duct stones: percutaneous transhepatic removal, (Radiology), 160: 525, 1986

Cloutier M See Fried AM Cloutier S See Stringer DA

Clutter Dj; Leopold DA; Gould LV: benign osteoblastoma. a report of a case and review of the literature, (Radiology), 154: 280, 1985

Clutter MI. See Halpern SE
Co CS; Shea WJ Jr; Goldberg HI: evaluation of common bile duct diameter using high resolution computed tomography. (JCAT), 10: 424, 1986

Coad NAG; Shah KJ: Menetrier's disease in childhood associated with cytomegalovirus infection: case report and review of the literature, (Br J Radiol), 59: 615, 1986

Coady DJ; Snyder JR; Subramanyam B: appendiceal abscess in pregnancy: diagnosis by ultrasound, (JCU), 14: 70, 1986

Coakham HB See Wood CH Coates G See O'Brodovich HM Coates RK See Pexman JHW Coates T See Cohen MD Cobb CA III See Dublin AB

Cobb LM; Butler SA: influence of prior total body irradiation on the tissue distribution of mouse lymphoma/leukemia, (Int J Radiat Oncol Biol Phys), 12: 83, 1986

Cobbold RSC See Bascom PAJ Cobbold RSC See Poots JK Coblentz C See Bernier F

Coblentz C See Shapir J
Coblentz C; Martin L; Tuttle R: calcified ascending aorta after radiation therapy, (AJR), 147: 477.

Coblentz C; Roberts JT; Fitzgerald E: hibernoma: patient examined by CT, (J Canad Assoc Radiol), 37: 110, 1986

7: 110, 1986
Coblentz CL; Frost RA; Molinaro V;
Stevenson GW: pain after barium enema: effect of CO<sub>2</sub> and air on double-contrast study, (Radiology), 157: 35, 1985

Cobourn C; Makowka L; Ho C-S; et al: percutaneous transhepatic sphincterotomy in the management of biliary tract disease, (Gastrointest Radiol), 11: 273, 1986

Coccia PF See Miraldi FD Cochand B See Gibod LB Cochran S See Curry NS Cochran ST See Sussman S Cochran ST See Wong WS

Cochrane W: approach to the female patient, (Clin Diagn Ultrasound), 15: 1, 1984

Cochrane W: ultrasonography and the intrauterine device, (Clin Diagn Ultrasound), 15: 15, 1984

Cockerill EM See Baker MK

Cockerill EM See Becker GJ Cockerill EM See Conces DJ Jr

Cockey BM; Fishman EK; Jones B; et al: computed tomography of abdominal carcinoid tumor, (JCAT), 9: 38, 1985

Cockey BM; Jones B; Bayless TM; et al: filiform polyps of the esophagus with inflammatory bowel disease, (AJR), 144: 1207, 1985 Cockington RA: pediatric chest, (Radiology), 150:

Cocklin ML See Lams PM

Cockrell CH See Robinson JM

Cockrell CH; Cho S-R: upright tomographic oral cholecystography, (Radiology), 151: 797, 1984 Cockrell CH; Cho S-R; Messmer JM; et al:

intramural gastric diverticula: a report of three cases, (Radiology), 153: 846, 1984 Cockshott WP See Nahmias C Cockshott WP See Rooney PJ

Cockshott WP: atlas of normal roentgen variants that may simulate disease. 3d ed., (Radiology), 154: 588, 1985

Cockshott WP: differential diagnosis of soft tissue and bone tumors. (Radiology), 160: 134, 1986
 Cockshott WP: radiology of the hand, (Radiology), 161: 474, 1986

Cockshott WP; Occleshaw CJ; Webber C; et al: can a calcaneal morphologic index determine the degree of osteoporosis?, (Radiology), 154: 849, 1985

Cockshott WP; Park WM: observer variation in skeletal radiology, (Radiology), 153: 270, 1984 Cockshott WP; Racoveanu NT; Burrows DA; et al:

use of radiographic projections of knee (Radiology), 157: 567, 1985 Codere F See Dresner SC

Coderre JA; Packer S; Fairchild RG; et al: iodothiouracil as a melanoma localizing agent, (I Nucl Med), 27: 1157, 1986

Coe JD See McAlister WH Coelho JCU See Sigel B Coenen HH See Hamacher K Coffey CW II See Droege RT Coffey EL See Wiener JI

Coffey R; Quisling RG; Mickle JP; Hawkins IF Jr; Ballinger WE: cerebrovascular effects of intraarterial CO<sub>2</sub> in quantities required for diagnostic imaging, (Radiology), **151**: 405, 1984 Coffey RJ See MacCarty RL

Coffey RJ see MacCarry Rt. Coffey RJ Ir; Knight CD Jr, vanheerden JA; et al: gastric adenocarcinoma complicating Gardner's syndrome in a North American woman, (Radiology), 158: 568, 1986

Coffin F: incidence and management of osteoradionecrosis of the laws following head and neck radiotherapy, (Radiology), 152: 566,

Coffre C See Vanel D Cogen P; Stein BM: spinal cord arteriovenous malformations with significant intramedullary conponents, (Radiology), 152: 259, 1984

Coghlan CH See Soto B Cogliano FD See Hublitz UF Cohan R See Dunnick NR Cohan RH See Illescas FF

Cohan RH; Illescas FF; Braun SD; et al: fine needle

Cohan RH; Illescas FF; Braun SD; et al: fine needle aspiration biopsy in malignant obstructive jaundice, (Gastrointest Radiol), 11: 145, 1986
Cohan RH; Illescas FF; Saeed M; et al: infectious complications of percutaneous biliary damage, (Invest Radiol), 21: 705, 1986
Cohan RH; Newman GF; Braun SD; et al: CT assistance for fluoroscopically guided transthoracic needle aspiration biopsy, (JCAT), 8: 1093, 1984

Cohan RH; Silverman PM; Thompson WM; et al: computed tomography of epithelial neoplasms of the anal canal, (AJR), 145: 569, 1985

Cohan SL See Jacobs NM
Cohen A See Wenig BL
Cohen AJ; Youkey JR; Clagett GP; et al:
intramuscular hemangioma, (Radiology), 150:
858, 1984

Cohen AM See Lieberman JM Cohen AM See Resnick MI

Cohen AM See Resnick MI
Cohen AM: magnetic resonance imaging of the thorax, (Radiol Clin North Am), 22: 829, 1984
Cohen AS See Lee VW
Cohen AS See O'Connor CR
Cohen BA See Gale JT
Cohen BA See Hermann G
Cohen BA See Mendelson DS
Cohen BA See Resulting G
Cohen BA See Som PM
Cohen BA See Som PM
Cohen BA See Som PM
Cohen BA; Lanzieri CF; Mendelson DS; et al: CT
evaluation of the greater sciatic foramen in patients with sciatica, (AJNR), 7: 337, 1986
Cohen BA; Pomeranz S; Rabinowitz JG; et al:

Cohen BA; Pomeranz S; Rabinowitz JG; et al: pulmonary complications of AIDS: radiologic features, (AJR), 143: 115, 1984

features, (AJR), 143: 115, 1984

Cohen EK; Daneman A; Stringer DA; Soto G;

Thorner P: focal adrenal hemorrhage: new US
appearance, (Radiology), 161: 631, 1986

Cohen EK; Stringer DA; Smith CR; et al: hydrops of
the gallbladder in typhold fever as
demonstrated by sonography, (JCU), 14: 633,

1990 Cohen G See Quencer RM Cohen G; Wagner LK; McDaniel DL; Robinson LH: dose efficiency of screen-film systems used in pediatric radiography, (Radiology), 152: 187, 1984

Cohen H See Bentley E
Cohen HL See Haller JO
Cohen HL; Haller JO; Schechter S; et al: renal
candidissis of the infant: ultrasound evaluation,
(Urol Radiol), 8: 17, 1986

(Urol Radiol), 8: 17, 1986
Cohen HR See Schatz SL
Cohen J See Lanir A
Cohen J M See Erdman WA
Cohen J M See Weinreb JC
Cohen J M; Hodges SC; Weinreb JC; et al: MR
imaging of iliopsoas bursitis and concurrent
avascular necrosis of the femoral head, (JCAT),
9: 969, 1985

Cohen JM; Weinreb JC; Lowe TW; et al: MR imaging of a viable full-term abdominal pregnancy, (AJR), 145: 407, 1985

Cohen JM; Weinreb JC; Maravilla KR: fluid collections in the intraperitoneal and

collections in the intraperitoneal and extraperitoneal spaces: comparison of MR and CT. (Radiology), 155: 705, 1985

Cohen JM; Weinreb JC; Redman HC: arteriovenous malformations of the extremities: MR imaging, (Radiology), 158: 475, 1986

Cohen JM; Weinreb JC; Redman HC: postoperative assessment of splenorenal shunts with MRI: preliminary investigation, (AJR), 146: 597, 1986

Cohen JP; Persky MS; Reede DL: internal jugular vein thrombosis, (Radiology), 161: 862, 1986

Cohen LB; Simon C; Korsten MA; et al: esophageal motility and symptoms after endescopic injection sclerotherapy, (Radiology), 156: 264, 1985

Cohen LM; Sachs L; Hill MC: dilatation of the common bile duct secondary to a hydronephrotic kidney, (CT), 10: 291, 1986 Cohen LM; Schwartz AM; Rockoff SD: benign

schwannomas: pathologic basis for CT inhomogeneities, (AJR), 147: 141, 1986 Cohen M See Friedman H

Cohen M See McCarthy S
Cohen M See McCarthy S
Cohen M See McCarthy S
Cohen M See Graham LS; Lake R; et al: diagnosis of
Alzheimer's disease and multiple infarct
dementia by tomographic imaging of iodine-123
IMP, () Nucl Med), 27: 769, 1986

Cohen MD See Belt TG Cohen MD See Franken EA Jr Cohen MD See Lowe RE
Cohen MD See Mail JT
Cohen MD See Martin-Simmerman P

Cohen MD See Martin-Simmerman P
Cohen MD; Jansen R; Lemons J; et al: evaluation of
the gasless abdomen in the newborn and young
infant with metrizamide, (AJR), 142: 393, 1984
Cohen MD; Klatte EC; Baehner R; Smith JA;
Martin-Simmerman P; Carr BE; Provisor AJ;
Weetman RM; Coates T; Siddiqui AR;
Weisman SJ; Berkow R; McKenna S;
McGuirer WA: magnetic resonance imaging of
bone marrow disease in children, (Radiology),
151: 715-1085

151: 715, 1985 Cohen MD; McGuire WA; Cory DA; et al: MR

conen Mr); McCuller WA; Cuty DA; et al. MR appearance of blood and blood products: in vitro study. (AJR), 146: 1293, 1986 Cohen MD; Siddiqui AR; Weetman RM; Provisor AJ; Coates T: Hodgkin disease and non-Hodgkin lymphomas in children: utilization of radiological modalities, (Radiology), 158: 499, 1986

Cohen MD; Slabaugh RD; Smith JA; et al: neurosonographic identification of ventricular asymmetry in premature infants, (Radiology), 152: 848, 1984

152: 348, 1984 ten MD; Smith JA; Cory DA; Carr BE; Grosfeld JL; Klatte EC: visualization of major blood vessels by magnetic resonance in children with malignant tumors, (Radiographics), 5: 441,

Cohen MD: Weber TR: Grosfeld IL: bowel

Conen MD; Weber 1 R; Grosteia JL: bowei perforation in the newborn: diagnosis with metrizamide, (Radiology), 150: 65, 1984 Cohen MD; Weber TR: Rao CC: balloon dilatation of tracheal and bronchial stenosis, (AJR), 142: 477, 1984

477, 1984
Cohen MD; Weetman RM; Provisor AJ; et al:
magnetic resonance imaging of neuroblastoma
with a 0.15-T magnet, (AJR), 143: 1241, 1984
Cohen ME See Batnitzky S
Cohen MI; Matthies HJ; Mintzer RA; Keen ME;
Murad T: indurative mastopathy: cause of falsepositive mammograms, (Radiology), 155: 69,
1985

positive mammograms, (Radiology), 155: 69, 1985
Cohen MJ See Gacetta DJ
Cohen MM See Goldfinger M
Cohen MV See Rosoff M
Cohen MV See Rosoff M
Cohen MV See Steingart RM
Cohen MV See Steingart RM
Cohen RA: See Persky MS
Cohen RA; Kaufman RA; Myers PA; et al: cranial computed tomography in the abused child with head injury, (AJNR), 6: 883, 1985
Cohen R See Hall FM
Cohen RS; Smith DW; Stevenson DK; et al: lateral decubitus position as therapy for persistent focal pulmonary interstitial emphysema in neonates. a preliminary report, (Radiology), 153: 850, 1984
Cohen W See Coscina WF
Cohen W See Coscina WF
Cohen W; See McArdle CR
Cohen W; Koslow M: unusual CT presentation of cerebral toxoplasmosis, (JCAT), 9: 384, 1985
Cohen WA; Young W; DeCrescito V; et al: posttraumatic syrinx formation: experimental study, (AJNR), 6: 823, 1985
Cohn DJ See Sos TA
Cohn ER; Rood SR; McWilliams BJ; et al: barium sulphate coating of the nasopharynx in lateral view videofluoroscov, (Radiology), 153: 278.

sulphate coating of the nasopharynx in lateral view videofluoroscopy, (Radiology), 153: 278, 1984

1984
Cohn HE See Park CH
Cohn JN See Gomes AS
Cohn LH See Emery RW
Coia LR See Gatenby RA
Coker NJ; Brooks BS; El Gammal T: computed
tomography of orbital medial wall fractures,
(Radiology), 151: 552, 1984
Colajacomo M See Fasanelli S
Colas PV; godalin sign; sultraspoorarphic avidany

Colan RV: gelatin sign: ultrasonographic evidence of cerebral necrosis in infants, (Radiology), 161: 576, 1986

Colapinto RF See Gamble P Colapinto RF; Stronell RD; Johnston WK:

Colapinto RF; Stronell RD; Johnston WK:
transluminal angioplasty of complete iliac
obstructions, (AJR), 146: 859, 1986
Colavita N See Kozlowski K
Colby TV See Bragg DG
Colby TV See Helle TL
Colby TV See McLoud TC
Colby TV See Yousem SA
Colclough A See Griffin JF
Coldny AH See Burbige KA
Cole BR See Melson GL
Cole BS See Gibbons RP
Cole DR; Bankoff MS; Carter BL: percutaneous

Cole BS See Gibbons RP
Cole DR, Bankoff MS; Carter BL: percutaneous
catheter drainage of deep neck infections
guided by CT, (Radiology), 152: 224, 1984
Cole FH Jr; Miller MP; Jones CV:
transdiaphragmatic intercostal hernia,
(Radiology), 161: 283, 1986
Cole RL See Alexieva-Jackson B
Cole S See Westerst\*!

Cole RL See Alexieva-Jackson B
Cole S See Westcott JL
Cole SR See Westcott JL
Cole SR See Westcott JL
Cole Benglet C See Aufrichtig D
Cole-Beuglet C See Rifkin MD
Cole-Beuglet CM; Goldberg BB: new highresolution ultrasound evaluation of diseases of
the thyroid gland. a review article, (Radiology),
151: 556, 1984.

Cole-Beuglet CM; Schwartz GF; Kurtz AB; et al: ultrasound mammography for male breas enlargement, (Radiology), **150**: 868, 1984 Colella JP See McNeely GF

Colella JF See McNeely GF
Coleman BG See Arger PH
Coleman BG See Coscina WF
Coleman BG See Glickstein MF
Coleman BG See Glickstein MF
Coleman BG See Girubmach K
Coleman BG See Meranze SG
Coleman BG See Meranze SG
Coleman BG See Meranze SC
Coleman BG See Simpson EL
Coleman BG See Simpson EL
Coleman BG See Weinreb JC
Coleman BG See Merange
Coleman BG See Merange
Coleman BG See Merange
Coleman BG See Glickstein MF
Coleman BG See Merange
Coleman BG See Weinreb JC
Coleman BG See Merange
Coleman BG See Merange
Coleman BG

Coleman BG; Arger PH; Pollack HM; et al: contrast medium pooling in cystic renal carcinoma: CT findings, (JCAT), 8: 1208, 1984
Coleman BG; Epstein DM; Arger PH; et al: CT features of an unusual hypervascular lung carcinoma complicating chronic asbestosis related pleural disease, (JCAT), 9: 554, 1985
Coleman CS ee Tadavarthy SM
Coleman CC See Cardella JF
Coleman CC See Lund G
Coleman CC See Lund G
Coleman CC; Castaneda-Zuniga WR; Mille R; et al:

Coleman CC; Castaneda-Zuniga WR; Mille R; et al: logical approach to renal stone removal, (AJR), 143: 609, 1984

143: 609, 1984
Coleman CC; Clayman RV; Lange PH; CastanedaZuniga WR; Miller R; Reddy P; Hunter DW;
Lung G; Amplatz K: percutaneous removal of renal and ureteral calculi, (Radiographics), 5: 149 1985

Coleman CN; Wasserman TH; Urtasun RC; et al: phase I trial of the hypoxic cell radiosensitize SR-2508: results of the five to six week drug schedule, (Int J Radiat Oncol Biol Phys), 12: 1105, 1986

1105, 1986
Coleman DJ See Feleppa EJ
Coleman DJ See Silverman RH
Coleman DJ; Lizzi FL: computerized ultrasonic
tissue characterization of ocular tumors,
(Radiology, 151: 553, 1984
Coleman DJ; Lizzi FL; Silverman RH; et al:
therapeutic ultrasound, (Ultrasound Med Biol),
12: 633, 1986

Coleman DL; Hattner RS; Luce JM; et al: correlation Coleman DL; Hattner RS; Luce JM; et al: correbetween gallium lung scans and fiberoptic bronchoscopy in patients with suspected pneumocystis carinii pneumonia and the acquired immune deficiency syndrome, (Radiology), 156: 284, 1985

Coleman RE See Blinder RA

Coleman RE See Fearnow EC III

Coleman RE See Fernow EC III

Coleman RE See Freitas JE Coleman RE See Harris CC Coleman RE See Johnson DG Coleman RE See Kirks DR Coleman RE; Blinder RA; Jaszczak RJ: single

Coleman RE; Blinder RA; Jaszczak RJ; single photon emission computed tomography (SPECT). part II: clinical applications, (Invest Radiol), Z1: 1, 1986

Colice GL; Chappel GJ; Frenchman SM; et al: comparison of computerized tomography with fiberoptic bronchoscopy in identifying endobronchial abnormalities in patients with known or suspected lung cancer, (Radiology), 156: 853, 1985

Colice GL; Matthay MA; Bass E; et al: neurogenic pulmonary edema, (Radiology), 156: 261, 1985

Colic IP See Beronfel AI

Colle JP See Brendel AJ Colletti PM See Radin DR

Colletti PM See Radin DR
Colletti PM See Ralls PW
Colletti PM See Remedios PA
Colletti PM; Ralls PW; Lapin SA; et al:
hepatobiliary imaging in choledocholithiasis:
comparison with ultrasound, (Clin Nucl Med),
11: 482, 1986

Colletti PM; Ralls PW; Siegel ME; et al: cholescintigraphy in gallbladder carcinoma, (Clin Nucl Med), 11: 270, 1986

Colley DP: vertebral arteriovenous fistula: unusual complication of Swan-Ganz catheter insertion, (AJNR), 6: 103, 1985

Collica CJ See Palestro CJ Collier BD See Hellman RS Collier BD See Rao SA Collier BD See Tisdale PL

Collier BD See Tisdale Pl.
Collier BD; Johnson RP; Carrera GF; Isitman AT;
Veluvolu P; Knobel J; Hellman RS;
Barthelemy CS: chronic knee pain assessed by
SPECT: comparison with other modalities,
(Radiology), 157: 795, 1985
Collier BD; Johnson RP; Carrera GF; Meyer GA;
Schwab JP; Flatley TJ; Isitman AT;
Hellman RS; Zielonka JS; Knobel J; painful
spondylolysis or spondylolisthesis studied by
radiography and single-photon emission
computed tomography, (Radiology), 154: 207,
1985

1985
Collier BD; Palmer DW; Knobel J; Isitman AT; Hellman RS; Zielonka JS: gamma camera energy windows for Tc-99m bone scintigraphy: effect of asymmetry on contrast resolution. work in progress, (Radiology), 151: 495, 1984
Collier NA; Carr D; Hemingway A; et al: preoperative diagnosis and its effect on the treatment of carcinoma of the gallbladder, (Radiology), 156: 266, 1985
Collins GH See Leeson MD
Collins M See Walnu I.

Collins M See Walton L
Collins SM See Pandian NG
Collins SM See Skorton DJ Colman JC See Gamble P Colodny A See Barth RA

Colodny AH See Burbige KA Colombani S See Guiard I-M Colombo A See Beluffi G Colombo A See Crisi G Colombo F See Vocaturo G Colombo N See Scotti G Colosimo C Ir See Danza FM

Coltart RS; Wraight EP: value of radionuclide venography in superior vena caval obstructon, (Radiology), 158: 287, 1986

Colville J See Moran V
Colvin RS See Gedgaudas-McClees RK

Combes C See Gaston A

Combs DT See Hanlon JT

Combs DT See Hanlon JT
Come PC: transient right atrial thrombus during
acute myocardial infarction: diagnosis by
echocardiography, (Radiology), 150: 867, 1984
Comhaire F; Simons M; Kunnen M; et al: testicular
arterial perfusion in varicocele: the role of rapid
sequence scintigraphy with technetium in
varicocele evaluation, (Radiology), 152: 565,
1984. 1984

Comite F See Rieth KG Comite F See Shawker TH

Compton CC See Raptopoulos V
Comstock CH: antenatal diagnosis of diaphragmatic anomalies, (J Ultrasound Med), 5: 391, 1986

anomalies, (J Ultrasound Med), 5: 391, 1966
Comstock CH; Boal DKB: pelvic sonography of the pediatric patient, (Semin US CT MR), 5: 54, 1984
Comstock CH; Culp D; Gonzalez J; et al: agenesis of the corpus callosum in the fetus: its evolution and significance, (J Ultrasound Med), 4: 613, 1985

Conant JK; Flannery JT; Graydon RJ; et al: survival with localized carcioma: radical prostatectomy vs radiation therapy, (Radiology), 157: 575, 1985 Conant R See Ginzton LE

Conces DJ y: Lappas JC; Cockerill EM: bacteremia during double-contrast barium enema examination, (Radiology), 155: 49, 1985 Conces DJ y: Yix VA; Klatte EC: gated MR imaging of left atrial myxomas, (Radiology), 156: 445,

1985

Condon BR See Ackery DM Condon BR See Hanes TK

Condon BR, Patterson J; Wyper D; et al: quantitative index of ventricular and extraventricular intracranial CSF volumes using MR imaging, (JCAT), 10: 784, 1986 Condon RE See Frantzides CT

Cone RO III See Deutsch AL Cone RO III See Guerra J Jr Cone RO III See Nguyen VD

Cone RO III See Resnick D

Cone RO III See Resnik CS

Cone RO III; Nguyen V; Flournoy JG; Guerra J:
triplane fracture of the distal tibial epiphysis:
radiographic and CT studies, (Radiology), 153:
763, 1984

Cone RO III; Resnick D; Danzig L: shoulder impingement syndrome: radiographic evaluation, (Radiology), 150: 29, 1984 Confino E See Vermesh M

Conlan AA See Nicolaou N Conley FK See Steinberg GK

Conley J; Tinsley PP Jr: treatment and prognosis of mucoepidermoid carcinoma in the pediatric age group, (Radiology), 159: 288, 1986

Conn HO See Taylor KJW

Conn IG; Wiesenfeld D; Ferguson MM: anatomy of the facial nerve in relation to CT/sialography of the parotid gland, (Radiology), 152: 857, 1984 Connell DG See Burhenne LJW

Connell DG See Goiney RC

Connell DG See Scott I Connell JMC See Hilditch TE

Connell JMC; Hilditch TE; McCruden DC; et al: transient hypothyroidism following radioiodine therapy for thyrotoxicosis, (Radiology), 150: 304,

Connelly A See Bendall MR

Conners AF Jr; Castele RJ; Farhat NZ; et al: complications of right heart catheterization: prospective autopsy study, (Radiology), 158: 862, 1986

Connolly DC See Nishimura RA Connolly E See Merritt CRB Connon JJ See Bass S

Connon JJ: direct cholangiography: its diagnostic and therapeutic role, (Radiology), 153: 268, 1984 Connor R: case of the season, (Semin Roentgenol), 20: 325, 1985

Connor TP See Rahmani MR

Conrad CC See Fotion N Conroy RM See Lalude AO Consigny PM See Harned RK

Constans JP; Meder JF; De Divitiis E; et al: giant intradiploic epidermoid cysts of the skull. report of two cases, (Radiology), 158: 284, 1986

Constantin A See Lafortune M

Constantinou C See White DR Constine LS: cancer treatment: end-point evaluation, (Radiology), 158: 832, 1986

Contesso G See Vanel D
Conti J See Cascino TL
Conturo TE See Eisenberg AD
Conturo TE See Mitchell MR Conturo TE See Mitchell MR
Convery FR See Renzoni SA
Conway BJ See Butler PF
Conway J See Farley T
Conway JJ See Bresler EL
Conway JJ See Bresler EL
Conway JJ See Harcke HT
Conway JJ See Sty JR
Conway JJ See Traisman ES
Conway JF see Main S

157: 794, 1985

Conway WF See Reinus WR

Conway WF; Destouet JM; Gilula LA;
Bellinghausen HW; Weeks PM: carpal boss: overview of radiographic evaluation, (Radiology), 156: 29, 1985

Coodley E See Wu S-Y

Cook DE; Walsh JW; Vick CW; Brewer WH: upper abdominal trauma: pitfalls in CT diagnosis, (Radiology), 159: 65, 1986

Cook DH See Duncan WJ

Cook LT See Levine E

Cook LT See Levine E Cook LT See Templeton AW Cook P See Bedont R

Cook PS; Datz FL; Disbro MA; Alazraki NP; Cook PS; Datz FL; Disbro MA; Alazzaki NP; Taylor AT: pulmonary uptake in indium-111 leukocyte imaging: clinical significance in patients with suspected occult infections, (Radiology), 150: 557, 1984 Cooke NJ See Wardman AG Cooke S See Ratcliffe GE Cooley DA See Reece IJ Coombs LJ See Shipley WU Coombs RJ; Zeiss J; McCann K; et al: case report 360, (Skeletal Radiol), 15: 254, 1986 Cooney J See Khaw BA

360, (Skeletal Radiol), 15: 254, 1986
Cooney J See Khaw BA
Coons HG See Alzate GD
Coons HG See vanSonnenberg E
Coons HG: floppy-tipped wire guide for
interventional procedures, (AJR), 144: 254, 1985
Cooper A See Fishman MC

Cooper A: morbidity and mortality of short-bowel syndrome acquired in infancy: an update, (Radiology), 157: 852, 1985 Cooper C See Mahony BS Cooper C See Silverman PM Cooper C See Sussman SK

oper C; Barker DJP; Hall AJ: evaluation of the Singh index and femoral calcar width as epidemiological methods for measuring bone mass in the femoral neck, (Clin Radiol), 37: 123,

Cooper C; Jeffrey RB Jr; Silverman PM; et al:

Cooper C; Jeffrey RB Jr; Silverman PM; et al:
computed tomography of omental pathology,
(JCAT), 10: 62, 1986
Cooper C; Mahony BS; Bowie JD; et al: prenatal
ultrasound diagnosis of ambiguous genitalia, (J
Ultrasound Med), 4: 433, 1985
Cooper C; Mahony BS; Bowie JD; et al: ultrasound
evaluation of the normal fetal upper airway and
evaluation of the normal fetal upper
cooper JAD Jr; White DA; Matthay RA: druginduced pulmonary disease, part 2: noncytotoxic
drugs, (Radiology), 160: 571, 1986
Cooper JD Dee Pearson FG
Cooper JD See Pearson FG
Cooper JD; Perelman M; Todd TRJ; et al: precision
cautery excision of pulmonary lesions,

Cooper ID; Perelman M; Todd TRJ; et al: precisic cautery excision of pulmonary lesions, (Radiology), 160: 572, 1986 Cooper KL; Beabout JW; Dahlin DC: giant cell tumor: ossification in soft-tissue implants, (Radiology), 153: 597, 1984 Cooper KL; Beabout JW; McLeod RA: supraacetabular insufficiency fractures, (Radiology), 157: 15, 1985 Cooper KL; Beabout JW; Swee RG: insufficiency fractures of the sacrum, (Radiology), 156: 15, 1985

Cooper MM See Balthazar EJ

Cooper MM See Balthazar EJ
Cooper NB See Athey PA
Cooper PR; Cohen W: evaluation of cervical spinal
cord injuries with metrizamide myelographyCT scanning, (Radiology), 155: 554, 1985
Cooper R See Sclafani SJA
Cooper R See Michesler P
Cooperhero PI See August X

Cooper R See Winchester P
Cooperberg Pl. See Avruch L
Cooperberg Pl. See Brernard KG
Cooperberg Pl. See Bret PM
Cooperberg Pl. See Goiney RC
Cooperberg Pl. See Huey H
Cooperberg Pl. See Huey H
Cooperberg Pl. See King PS
Cooperberg Pl. See King PS
Cooperberg Pl. See King PS
Cooperberg Pl. See King N
Cooperberg Pl. See Machan L
Cooperberg Pl. See Muller NI.

#### Cooperberg

Cooperberg PL See Newman DE Cooperberg PL See Nichols DM Cooperberg PL See Sinons ME Cooperberg PL See Simons ME Cooperberg PL See Skwarok DJ Cooperstein LA See Burk DL Jr Cope C See Friedman J Cope C See Willer DL Cope C See Willer DL Cope C See Zeit RM Cope C See Light wire extension (P-Cope C: guide wire extension, (Radiology), 157: 263, 1985 1985

Cope C: suture anchor for visceral drainage, (AJR),
146: 160, 1986

Cope C: venous cannula for emergency catheter
pulmonary embolectomy, (Radiology), 161: 553,
1986 Cope C; Zeit R: coagulation of aneurysms by direct percutaneous thrombin injection, (AJR), 147: 383, 1986 383, 1986
Cope JR; Moseley H5; Haynie CC; et al: radiology of gastric reduction surgery for obesity, (Radiology), 150: 287, 1984
Cope R See Kilcoyne RF
Copel JA; Kleinman CS: impact of fetal Copel JA; Kleinman CS: impact of fetal echocardiography on perinatal outcome, (Ultrasound Med Biol), 12: 327, 1986
Copeland EM III: screening for diffuse and focal liver disease: a surgeon's viewpoint, (Radiology), 153: 267, 1984
Copeland PM: incidentally discovered adrenal mass, (Radiology), 151: 271, 1984
Copeland PM: incidentally discovered adrenal mass, (Radiology), 154: 859, 1985
Copel DJ; Smith R: salivary scintigraphy: decreased activity, (Semin Nucl Med), 16: 220, 1986 Copely DJ; Smith R: salivary scintigraphy: unilateral increased activity, (Semin Nucl Med), 16: 222, 1986 10: 222, 1986

Copley DJ: case of the season, (Semin Roentgenol), 20: 107, 1985

Coppeto JR See Monteiro MLR

Coppeto JR, Lessell 5, Lessell 1M; et al: diffuse disseminated atheroembolism. three cases with neuro-ophthalmic manifestation, (Radiology), 153: 570, 1984 neuro-ophthalmic manitestation, (Radiology),
153: 570, 1984
Coran AG See Barker DE
Coran AG See Bark ER
Coran AG See Bark ER
Coran AG See Klein MD
Corbett D See Solvis TL
Corbett J See Caplan LR
Corbett JJ See Beck DO
Corbett JJ See Beck DO
Corbett JJ See Smoker WRK
Corbetti JS See Smoker WRK
Corbetti JS See Smoker WRK
Corbetti F, Malatesta V; Camposampiero A;
Mazzi A; Punzi L; Angelini F; Vigo M;
Todesco S: knee arthrography: effects of various contrast media and epinephrine on synovial fluid. (Radiology), 161: 195, 1986
Corbit SS See Seibert JJ
Corcioni E See Bock E
Corder MP; Leimert JT; Tewfik HH; et al:
multimodality therapy of favorable prognosis non-Hodgkin's lymphoma, (Radiology), 154:
573, 1985 1573, 1985
Cordero S See Villanueva-Meyer J
Cordiani MR See Zoli M
Cordner SV See Elias-Jones AC
Corenblum B; Wiseman DA: ovarian hyperstimulation with exogenous pulsatile gonadotropin releasing hormone therapy, (J Ultrasound Med.) 4: 405, 1985 Corey CJ; Bush HL; Widrich WC: combined Corey C.J; Bush H.J; Widnich W.; combined operative angiodilation and arterial reconstruction for limb salvage, (Radiology), 152: 552, 1984

Corey JJ See Harnsberger JK

Cornalba G; Dore R: cardiac tumor associated with tuberous sclerosis: CT diagnosis, (JCAT), 9: 809, 1985 Corneli HM See Jaffe RB Corneli HM See Jaffe RB
Cornell J: tuberous sclerosis—clinical
manifestations and genetic implications,
(Radiology), 151: 831, 1984
Cornell SH See Butler MJ
Cornell S Fee Stanley JH
Corner GA See Thomas R Corner GA See Thomas R
Corno A; Picardo S; Ballerini L; et al: bronchial
compression by dilated pulmonary artery:
surgical treatment, Radiology), 160: 283, 1986
Cornwell J; Walden C; Ghahremani GG: CT
demonstration of fistula between esophageal
carcinoma and spinal canal. (JCAT), 10: 871,

1986
Corpuz SW See Engelstad BL
Corrales MM See Mafee MF
Correa R Jr See Kidd R
Correa RJ See Brannen GE
Correia JA See Cleveland RH
Correia JA See Kushner DC
Correia JA; Alpert NM: positron emission
tomography in cardiology, (Radiol Clin North
Am), 23: 783, 1985
Corrier RJ NI: See Sandler CM Coulter C See Al-Kutoubi MA Coulthard MG See Morrell P Coulthard SW See Barrattum GE Am), 23: 7.85, 1985
Corriere JN Jr See Sandler CM
Corrin B See Pike MG
Corstens F; Kerremans A; Claessens R: resolution of massive technetium-99m methylene diphosphonate uptake in the stomach in vitamin D intoxication, (J Nucl Med), 27: 219, 1986

Cortis-Jones R See Kozlowski K Cory DA See Cohen MD Cory DA See Koch KI Cory DA; Ellis JH; Bies JR; et al: magnetic resonance imaging of extremity masses, (Comput Radiol), 10: 99, 1986 Cos LR; Peartree RJ; Descalzi M; et al: torsion of intrascrotal malignant testis tumors, (Radiology), 151: 562, 1984 Coscina WF; Arger PH; Herlinger H; et al: CT diagnosis of villous adenoma, (JCAT), 10: 764, Coscina WF; Arger PH; Levine MS; Herlinger H; Cohen S; Coleman BG; Mintz MC: gastrointestinal tract focal mass lesions: role of CT and barium evaluations, (Radiology), **158**: Coscina WF; Arger PH; Mintz MC; et al: concurrent duplication and azygos continuation of the inferior vena cava, (CT), 10: 287, 1986 Coscina WF; Arger PH; Mintz MC; et al: CT demonstration of pulmonary effects of tangential beam radiation, (JCAT), 10: 600, 1986 Coscina WF; Kressel HY; Gefter WB; et al: MR imaging of double aortic arch, (JCAT), 10: 673, 1986 Coscina WF; Mintz MC; Rascoe RR; et al: CT characteristics of cervical mucocele mimicking a cystic adnexal mass, (JCAT), 10: 352, 1986 Coser PL See Stamm AC Cosgrove DO See Fried AM Cosgrove DO See Khan O Cosgrove DO See Kissin CM Cosgrove GR; Leblanc R; Meagher-Villemure K; et al: cerebral amyloid angiopathy, (Radiology), 159: 286, 1986 Cosgrove R See Theron J Coslett HB; Brashear HR; Heilman KM: pure word deafness after bilateral primary auditory cortex infarcts, (Radiology), 154: 278, 1985 Cosman E See Onik G Cossi AF; Sykes MW; Shahian DM; et al: intraluminal mass of the left pulmonary artery, (Comput Radiol), 10: 111, 1986 Costaridou H See Goodenough DJ Costaz R See Weill FS Costello D See Slutsky RA Costello P See Clouse ME Costello P See Kane RA Costello P See Longmaid HE III Costello P See Mikulis DJ Costello P See Onik G Costello P: self assessment in radiology 1: ear, nose, and throat, (Radiology), 160: 484, 1986 Costello P; Duszlak EJ Jr; Lokich J; et al: as of tumor response by computed tomography liver volumetry, (Radiology), 151: 830, 1984 Costello P; Kane RA; Oster J; et al: focal splenic disease demonstrated by ultrasound and computed tomography, (Radiology), **158**: 287, 1986 Costello P; Rose RM: CT findings in pleural aspergillosis, (JCAT), 9: 760, 1985 Costigan DA; Winkelman MD: intramedullary spinal cord metastasis. clinocopathological study of 13 cases, (Radiology), 158: 285, 1986 Cote C See Verreault J Cote C See Yazdi R Cotton PB See Byrne P Cotton RT See Myer CM III Cotton RT: nasopharyngeal stenosis, (Radiology), 158: 286, 1986 Cotton RT: pediatric laryngotracheal stenosis, (Radiology), 157: 852, 1985 Cottone M See Maringhini A Cottone M; D'Amico G; Maringhini A; et al: predictive value of ultrasonography in the screening of non-ascitic cirrhotic patients with large varices, (J Ultrasound Med), 5: 189, 1986 Couanet D See Neuenschwander S Couch NP, O'Mahony J; McIrvine A; et al: place of abdominal aortography in abdominal aortic aneurysm resection, (Radiology), 151: 820, 1984 Coughlan JD: extrusion of bone graft after lumbar tusion: CT appearance, (JCAT), 10: 399, 1986 Coughlin K See Fried AM

Coulam CB See Berry SM

Coumans J See Pettigrew RI

Coupal JJ See Shih W-J

Courtheoux P; Tournade A; Theron J; et al: transcutaneous angioplasty of vertebral artery atheromatous ostial stricture, (Radiology), 159: 287 1986 Coury TA See Kahnoski RJ Court JA See Hannosh RJ Coutur A See Thayer WR Courtur A See Veyrac C Cover KL; Slasky BS; Skolnick ML: sonography of cholesterol in the biliary system, (J Ultrasound Med). 4: 647, 1985 Cowan DH See Fam AG Cowan RJ See Choplin RH
Cowan RJ: conventional radionuclide brain imaging Cowan RJ: conventional radionuclide brain imaging in the era of transmission and emission tomography, (Semin Nucl Med), 16: 63, 1986 Cowan RJ: essentials of nuclear medicine imaging, (Radiology), 154: 206, 1985 Cowdrey KE See Ball JB JF Cowen AR; Taylor C: patient absorbed doses in digital grey-scale fluorography, (Br J Radiol), 59: 689, 1986 Cowgill R See Sieck JO Cower VI See Hunter RD Cowie VJ See Hunter RD Cox A See Williams I Cox EB See Flowers JL Cox EF See Prempree T Cox EF See Prempree T
Cox GG See Lee KR
Cox GG; Rosenthal SJ; Holsapple JW: exencephaly:
sonographic findings and radiologic-pathologic
correlation. (Radiology), 155: 755, 1985
Cox GG; Templeton AW; Anderson WH; et al:
estimating digital information throughput rates
for radiology networks: model, (Invest Radiol),
21: 162, 1986 21: 162, 1986
Cox GG; Templeton AW; Dwyer SJ III: digital image management: networking, display, and archiving, (Radiol Clin North Am), 24: 37, 1986
Cox JD See Brady LW
Cox JD See Olson LE
Cox JD; Kline RW: do prostatic biopsies 12 months or manafter external irradiation for or more after external irradiation for adenocarcinoma, stage III, predict long-term survival?, (Radiology), 151: 564, 1984 Cox L See Hirji M Cox RS See Bagshaw MA Coyle M See Keller FS Cozzi EA See Ziessman HA Cozzi G See Severini A Cozzi G See Severini A
Cracchiolo A III See Gold RH
Craciun A See Kaye AH
Cradduck TD; Busemann-Sokole E: computers in
nuclear medicine, (Radiographics), 5: 51, 1985
Cragg AH See Lund G Cragg AH See Lund G
Cragg AH See Salomonowitz E
Cragg AH See Tadavarthy SM
Cragg AH; Lund C; Rysavy JA; Salomonowitz E;
Castaneda-Zuniga WR; Amplatz K:
percutaneous arterial grafting, (Radiology), 150:
45, 1984 45, 1984
Cragg AH; Lund G; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K; rotational kymography: technique for automated analysis of cine left ventriculograms, (Radiology), 150: 260, 1984
Craig EV See Crass JR Craig EV See Crass JR
Cramer B See Jequier S
Cramer BC See Kindanar C
Cramer BC: See Kindanar C
Cramer BC: Jequier S; Chen MF: sonographic
appearance of cytomegalovirus nephritis in a
neonate. (Radiology). 156: 275, 1985
Cramer BC; Jequier S; O'Gorman AM: ultrasound of
the neonatal craniocervical junction, (AJNR), 7:
449, 1986 Cramer M; Foley WD; Palmer TE; et al: compression of the right pulmonary artery by aortic aneurysms: CT demonstration, (JCAT), 9: 310, Crampton AR See Gould RJ Crampton AR See Gould RJ
Crane JP: Sonographic evaluation of multiple
pregnancy. (Semin US CT MR). 5: 144. 1984
Crane JP: Beaver HA; Cheung SW: antenatal
ultrasound findings in fetal triploidy syndrome,
(J Ultrasound Med). 4: 519, 1985
Crane JP: Beaver HA; Cheung SW: antenatal
ultrasound findings in fetal triploidy syndrome,
(Radiology). 158: 862, 1986
Crane R See Mendelson DS
Crane R. Margolis MT: use of sitting position to Crane R; Margolis MT: use of sitting position to relieve myelographic obstruction, (AJNR), 7: 502, 1986 502, 1986 Crane RD See Kidd R Cranley JJ See Kakkasseril JS Cranley JJ See Peter DJ Cranston PE See Kukora JS Crapo RO See Bekemeyer WB Crass JR See Feinberg SB Crass JR See Frick MP Council on Scientific Affairs American Medical Association: percutaneous transluminal angioplasty, (Radiology), 154: 850, 1985 Crass JR See Maile CW Crass JR See Schreiman JS Crass JR: computer-generated examinations for residents in radiology, (AJR), 146: 413, 1986 Crass JR; Craig EV; Bretzke C; Feinberg SB: Courassa MG See Paquet E
Courtheoux P; Maiza D; Henriet J-P; Vaislic CD;
Evrard C; Theron J: erectile dysfunction cause
by venous leakage: treatment with detachable
balloons and coils, (Radiology), 161: 807, 1986 ultrasonography of the rotator cuff, (Radiographics), 5: 941, 1985 Crass JR; Craig EV; Feinberg SB: sonography of the postoperative rotator cuff, (AJR), 146: 561, 1986

Crass JR; Simmons RL; Frick MP; et al: percutaneous decompression of the colon using CT guidance in Ogilvie syndrome, (AJR), 144: 475, 1985

Crass R See Yen C-K Crass RA See Meyer AA Craven JD See Shukla SS Craven MB See Yankaskas BC Craver JM See Cheung EH Crawford A See Strife JL Crawford AH See Jacobsen ST Crawford AH See Kraus RA

Crawford AH; Oestreich AE: danger of loss of reduction of supracondylar elbow fracture during radiograhy, (Radiology), 151: 820, 1984
Crawford AJ; Plant GR; Walker J: useful device for radiology of the female urinary outflow tract, (Radiology), 155: 851, 1985
Crawford ED See Gottesman JE

Crawford ES See Snyder DM Crawford ES; Beckett WC; Green MS: juxtarenal infrarenal abdominal aortic aneurysm: special diagnostic and therapeutic considerations, (Radiology), **161**: 860, 1986

Crawford J See Maravilla KR Crawford JM See Greene MF

Crawford JM See Greene MF
Crawford MH See Starling MR
Crea F; Abela GS; Fenech A; et al: transluminal laser
irradiation of coronary arteries in live dogs:
angiographic and morphologic study of acute
effects, (Radiology), 161: 286, 1986

Creagh-Barry M; Adam EJ; Joseph AEA: value of oblique scans in the ultrasonic examination of the abdominal aorta, (Clin Radiol), 37: 239, 1986

Crean PA; Pratt T; Davies GJ; et al: fractional distribution of the cardiac output in man using microspheres labelled with technetium 99m, (Br J Radiol), 59: 209, 1986

Creasev H See Cutler NR Creasman WT See Clarke-Pearson DL

Creasman WT See Fortier KJ Creasy JL; Clark RL; Cuttino JT; Groff TR: salpingitis isthmica nodosa: radiologic and clinical correlates, (Radiology), 154: 597, 1985

Cremer M See Delhaye M Cremer M See Pais MJ

Cremers PTJ: traumatic intrapericardial diaphragmatic hernia, (Semin Roentgenol), 19: 81, 1984

Cremers WRJ; Hombergen GCHJ; Scaf JJ; et al: Xlinked progressive mixed deafness with perilymphatic gusher during stapes surgery, (Radiology), 158: 573, 1986 Cremin B See Beighton P

Cremin BJ See Aspoas AR Cremin BJ See Chilton SJ Cremin BJ See Fisher RM Cremin BJ See Lamont AC Cremin BJ See Lipinski JK

Cremin BJ: review of the ultrasonic appearances of posterior urethral valve and ureteroceles, (Pediatr Radiol), 16: 357, 1986

Cremin BJ; Ross JL: case report 386, (Skeletal Radiol), 15: 495, 1986 Cremonini D See Becciolini A

Crescenzi A See De Luca F Cresson DH See Powers MA

Creuszig H; Schober O; Gielow P; et al: cerebral dynamics of N-isopropyl-(<sup>123</sup>1)<sub>p</sub>-iodoamphetamine, (J Nucl Med), 27: 178, 1986 Crisi G See Calo M

Crisi G; Calo M; Mauri C: case report 358, (Skeletal Radioł), 15: 247, 1986

Crisi G; Colombo A; de Santis M; et al: CT and cerebral ischemic infarcts. correlations between morphological and clinical-prognostic findings, (Radiology), 154: 277, 1985

Critchley M See Auger MJ Critchley M; Brownless S; Patten M; et al:

radionuclide imaging of epithelial ovarian tumours with 1231-labelled monoclonal antibody (H317) specific for placental-type alkaline phosphatase, (Clin Radiol), 37: 107, 1986

Crivello MS; Hayes C; Thurer RL; et al: traumatic pulmonary artery aneurysm: CT evaluation, (JCAT), 10: 503, 1986

Crivello MS; Porter DH; Kim D; et al: isolated external iliac artery aneurysm secondary to cystic medial necrosis, (Cardiovasc Intervent Radiol), 9: 139, 1986 Croce F See Montali G

Croce F See Solbiati L

Crocker TP; Kreutner A Jr; Biemann H; et al: papillary adenocarcinoma of minor salivary gland origin in a child, (Radiology), 152: 849, 1984

Crofford MJ See Guinto FC Jr Crofford MJ See McArdle CB Crofford MJ See Mirfakhraee M Croft DN See Young AE Cromwell LD See Bolender NF Cromwell LD See Shuman WP

Cromwell LD; Freeny PC; Kerber CW; et al: histologic analysis of tissue response to Bucrylate-Pantopaque mixture, (AJR), 147: 627,

Cronan JJ See Denny DF Cronan JJ See Tupper TB Cronan JJ See White JM Cronan JJ See Zeman RK

Cronan JJ: imaging of biliary obstruction, (Semin US CT MR), 5: 376, 1984

US CT MR), 5: 376, 1984
Cronan JJ: US diagnosis of choledocholithiasis:
reappraisal, (Radiology), 161: 133, 1986
Cronan JJ; Amis ES Jr; Dorman GS: percutaneous
drainage of renal abscesses, (AR), 142: 351, 1984
Cronan JJ; Amis ES Jr; Scola FH; Schepps B: renal
obstruction in patients with iteal loops: US
evaluation, (Radiology), 158: 647, 1986

Cronan JJ; Amis ES Jr; Yoder IC; et al: peripelvic cysts: an imposter of sonographic hydronephrosis, (Radiology), 150: 301, 1984

nydronephrosis, (Kadiology), 196: 301, 1994

Cronan JJ; Amis ES; Zeman KK; Dorfman GS:
obstruction of the upper-pole moiety in renal
duplication in adults: CT evaluation,
(Radiology), 161: 17, 1986

Cronan JJ; Dorfman GS: low dose thrombolysis: a

nonoperative approach to renal artery occlusion, (Radiology), 152: 552, 1984 Cronan JJ; Dorfman GS; Amis ES Jr; et al:

retroperitoneal hemorrhage after percutaneous nephrostomy, (AJR), 144: 801, 1985

Cronan JJ; Messersmith RN; Amis ES Jr; Kidd DD: obstructive migration of renal calculi following cyst aspiration, (Radiology), 152: 317, 1984 Cronan JJ; Simeone JF; Pfister RC; et al:

cystosonography in the detection of bladder tumors: a prospective and retrospective study, (Radiology), **150**: 301, 1984

Crone-Munzebrock W; Heller M: computed tomography of the scapula, (Eur J Radiol), 6: 99, 1986

Cronhelm C See Rubin D Cronqvist S See Holtas S Cronqvist S See Larsson E-M Crooks L See Hartshorne MF Crooks LE See Arakawa M Crooks LE See Brant-Zawadzki M Crooks LE See Dooms GC Crooks LE See Feinberg DA

Crooks LE See Fisher MR Crooks LE See Hale JD Crooks LE See Higgins CB Crooks LE See Hricak H Crooks LE See Lanzer P

Crooks LE See Mano I Crooks LE See Mills CM Crooks LE See Moss AA Crooks LE See Ortendahl DA

Crooks LE See Posin JP Crooks LE See Singer JR Crooks LE See Stark DD Crooks LE See Valk PE

Crooks LE See von Schulthess GK Crooks LF See Webb WR

Crooks LE See Webb WR
Crooks LE, Arakawa M; Hoenninger JC;
McCarten B; Watts JC; Kaufman L: magnetic
resonance imaging: effects of magnetic field
strength, (Radiology), 151: 127, 1984
Crooks LE; Barker B; Chang H; Feinberg DA;
Hoenninger JC; Watts JC; Arakawa M;
Kaufman L; Sheldon PE; Botvinick EH;
Higging CB; magnetic resonance imaring

Higgins CB: magnetic resonance imagir strategies for heart studies, (Radiology), 153: 459, 1984

Crooks LE; Hoenninger JC; Arakawa M; Watts JC; McCarten B; Sheldon PE; Kaufman L; Mills CM; Davis PL; Margulis AR: highresolution magnetic re

resolution magnetic resonance imaging: technical concepts and their implementation, (Radiology), 150: 163, 1984 Crooks LE; Watts JC; Hoenninger JC; Arakawa M; Kaufman L; Guenther H; Feinberg DA: thin-section definition in magnetic resonance imaging: technical concepts and their implementation, (Radiology), 154: 463, 1985 Crosbie DC; Carney PG; Sage MR: sacral

neurofibrosarcoma-case report, (Australas Radiol), 30: 54, 1986

Crossan JF; Wynne-Davies R; Fulford GE: bilateral sadi I; i white-baves is, routed Gr. briaderal failure of the capital femoral epiphysis: bilateral Perthes disease, multiple epiphyseal dysplasia, pseudoachondroplasia, and spondyloepiphyseal dysplasia congenita and tarda, (Radiology), 151: 264, 1984

Crouch TT See Dixon GD Crouse L See Kereiakes DJ Crow HC See Bartrum RJ Jr Crow HC See Denholm TA Crowell RM See Kistler IP

Crowley SF; Hedvall SE: cystic duct remnant: sonographic diagnosis, (J Ultrasound Med), 4: 261, 1985

Crowley WF See Hall DA Crozier RE See Ellis FH Jr Crues JV See Bradley WG Jr Cruess DF See Curtis DJ

Crumley RL; Wilson CC: schwannomas of the jugular foramen. (Radiology), 155: 280, 1985 Crummy AB See Bennett LN

Cruz C; Hricak H; Samhouri F; Smith RF; Eyler WR; Levin NW: contrast media for angiography: effect on renal function, (Radiology), 158: 109, 1986 Cruz F See Barriga P

Cruz NM See Dershaw DD
Crystal RG; Bitterman PB; Rennard SI; et al:
interstitial lung diseases of unknown cause
disorders characterized by interstitial lung diseases of unknown cause, disorders characterized by chronic inflammation of the lower respiratory tract. (first of two parts), (Radiology), 152: 549, 1984

Csecsei K See Toth Z Csere R See Quinn MJ Caere K See Quinn MJ
Cubberley DA See Armington WG
Cubberley DA See Remley KB
Cubberley DA See vanSonnenberg E
Cubberley DA; Gosink BB; Forsythe J; coronal
sonography: review of abdominal applications,
(J Ultrasound Med.). 4: 35, 1985

Cubelli V See Lee WJ Cucchiara S; Staino A; Romaniello G; et al: antacids and cimetidine treatment for gastroesophageal reflux and peptic esophagitis, (Radiology), 155: 551, 1985 Culebras A See Leeson MD

Culebras A See Leeson MD
Culham JAG See LeBlan [G
Culham JAG See Muller NL
Culkin DJ; Wheeler JS JF; Canning JR: nephroduodenal fistula: complication of percutaneou nephrolithotomy, (Radiology), 158: 858, 1986
Culla A See Gil-Vernet JM

Cullenward MJ; Scanlan KA; Pozniak MA;
Acher CA: inflammatory aortic aneurysm
(periaortic fibrosis): radiologic imaging,
(Radiology), 159: 75, 1986

Culler FL; Jones KL: hypopituitarism in association with postaxial polydactyly, (Radiology), 154: 560, 1985

Culp CE; Carlson HC: is there a safe interval between diagnostic invasive procedure and the barium enema study of the colorectum?, (Radiology), 152: 841, 1984

Culp WC: buoyancy of gallstones in varying concentrations of contrast media, (AJR), 143: 79, 1984 Culpepper J See Mittal BB

Culp D See Comstock CH

Cumming WA See Ohlsson A Cumming WA See Williams JL Cumming WA; Akhtar M; Ferentzi C; et al: cricopharyngeal ring: case report, (Pediatr Radiol), 16: 152, 1986

Cumming WA; Ohlsson A: intracranial calcification in children with osteopetrosis caused by carbonic anhydrase II deficiency, (Radiology), 157: 325, 1985

Cumming WA; Sabbah R: large unilateral chest tumors in children, (Radiology), 159: 576, 1986 Cummings D See Schubart P

Cummings KB See Lieberman RP
Cummings T See Raptopoulos V
Cunha SL: osseous choristoma of the choroid—a
familial disease, (Radiology), 155: 280, 1985

Cunningham DA See Barter 5]
Cunningham DA See Barter 5]
Cunningham DA; Kumar B; Siegel BA; Gilula LA;
Totty WG; Welch M]: aspirn inhibition of
platelet deposition at angioplasty sites:
demonstration by platelet scintigraphy,
(Radiology), 151: 287, 1984

Cunningham FG See Weinreb JC Cunningham IA; Hobbs BB; Fenster A: new syste for quantitative arterial imaging and blood flow measurements, (Invest Radiol), 21: 465, 1986

Cunningham J See Phillips LG Jr Cunningham J See Stanley J Cunningham JJ See Chang VH Cunningham JJ See Hess ML Cunningham JJ See Marx MV Cunningham W See Kilcoyne RF Cunningham-Rundles S See Metroka CE Curati WL See Bydder GM

Curati W L See Vukanovic S Curati W L See Worthington BS Curati W L; Graif M; Kingsley DPE; et al: MRI in acoustic neuroma: review of 35 patients, (Neuroradiol), 28: 208, 1986

(Neuroradiol), 28: 208, 1986 Curati W.I., Graif M; Kingsley DPE; Niendorf HP; Young IR: acoustic neuromas: Gd-DTPA enhancement in MR imaging, (Radiology), 158: 447, 1986

Curless RG See Post MJD

Curnes JT See Gaisie G Curnes JT; Laster DW; Ball MR; et al: magnetic

Curnes JT; Laster DW; Ball MR; et al: magnetic resonance imaging of radiation injury to the brain. (AJNR), 7: 389, 1986
Curnes JT; Laster DW; Koubek TD; et al: MRI of corpus callosal syndromes. (AJNR), 7: 617, 1986
Curnes JT; Vincent LM; Kowalsky RJ;
McCartney WH; Staab EV: CSF rhinorrhea: detection and localization using overpressure cisternography with Tc-99m-DTPA. (Radiology), 154: 795, 1985
Curran JJ See Drane WE
Currarino G See Kirks DR
Currarino G See Kirks DR
Currarino G: premature closure of the

Currarino G See Kirks DR
Currarino G: premature closure of the
frontozygomatic suture: unusual frontoorbital
dysplasia mimicking unilateral coronal
synostosis, (AJNR), 6: 643-1985
Currarino G: unusual bone dysplasia featuring
severe platyspondyly and vertebral "coronal
cleft" in infancy, and changes of metaphyseal
chondrodysplasia in childhood, (Pediatr
Radiol), 16: 433, 1986
Currarino G; Maravilla KR; Salyer KE:
transsphenoidal canal (large craniopharyngeal
canal) and its pathologic implications, (AJNR),
6: 39, 1985

canal) and its pathologic implications, (AJNK), 6: 39, 1985

Currarino G; Williams B: causes of congenital unilateral pulmonary hypoplasia: study of 33 cases, (Radiology), 156: 273, 1985

Currarino G; Williams B; Dana K: kidney length correlated with age: normal values in children, (Radiology), 150: 703, 1984

Currer TH See Peacock WJ

Currey K See Barr MJ;

Currej Lubin JH; Lessell S: chronic isolated abducens paresis from tumors at the base of the brain, (Radiology), 150: 292, 1984

Curry N See Sussman S

Curry NS See Moore I.

Curry NS See Moore I.

Curry NS See Moore I.

Curry NS diagnostic imaging of the lower

Curry NS: diagnostic imaging of the lower genitourinary tract, (Radiology), 158: 366, 1986 Curry NS: genitourinary oncology, (Radiology), 156: 606, 1985

Curry NS: plain film approach to abdominal calcifications, (Radiology), 152: 50, 1984

Curry NS: uroradiology; n52: 39, 1994
Curry NS: uroradiology; an integrated approach,
(Radiology), 151: 392, 1984
Curry NS; Cochran S; Barbaric ZL; Schabel SI;
Pagani JJ; Kangarloo H; Diament M;
Gobien RP; Vujic I: interventional radiologic
procedures in the renal transplant, (Radiology),
152: 647, 1984

152: 647, 1984
Curry NS; Frangos DN; Tague DF: computed tomography of end-stage renal transplant rejection, (CT, 10: 51, 1986
Curry NS; Schabel SI; Betsill WI, Jr: small renal neoplasms: diagnostic imaging, pathologic features, and clinical course, (Radiology), 158:

113, 1986

Curry NS; Schabel SI; Betsill WL Jr: small renal neoplasms: diagnostic imaging, pathologic features, and clinical course: reply, (Radiology), 159: 817, 1986

Curry TS III See Schultz SM

Cuttin HD See Pathic ME

Curtin HD See Rothfus WE Curtin HD: CT of acoustic neuroma and other tumors of the ear, (Radiol Clin North Am), 22: 77, 1984

Curtin HD: radiologic approach to paragangliomas of the temporal bone, (Radiology), 150: 837,

Curtin HD; Williams R: computed tomographic anatomy of the pterygopalatine fossa, (Radiographics), 5: 429, 1985 Curtin HD; Williams R; Johnson J: CT of perineural tumor extension: pterygopalatine fossa, (AJNR), 5: 731, 1984

Curtis DJ; See Downey EF Jr Curtis DJ; See Downey EF Jr Curtis DJ; Benjamin SB; Kerr R; Castell DO: Angelchik anti-reflux device: radiographic appearance of complications, (Radiology), 151:

J.1, 1984

Curtis DJ; Cruess DF: videofluoroscopic identification of two types of swallowing, (Radiology), 152: 305, 1984

Curtis DJ; Cruess DF; Berg T: cricopharyngeal muscle: a videorecording review, (AJR), 142: 497, 1984

Curtis DJ; Downey EF Jr; Brower AC; et al: importance of soft-tissue evaluation in hand and wrist trauma: statistical evaluation, (AJR), 142: 781, 1984

Curtis HW See Hall FM Curtis HW See Hall FM
Cusma JT See Hasegawa BH
Cusmano F; Savazzi GM: cerebral computed
tomography in uremic and hemodialyzed
patients. (JCAT). 10: 567, 1986
Cussen LJ et al See Szymonowicz W
Custer PL; Tenzel RR; Kowalczyk AP:
blepharochalasis syndrome, (Radiology), 158:
572, 1986
Cuthbare GE See McKillon IH

5/2, 1986
Cuthberg GF See McKillop JH
Cutler GB JF See Rieth KG
Cutler NR; Duara R; Creasey H; et al: brain
imaging: aging and dementia, (Radiology), 154:
277, 1985

Cuttat JF See Steinhauslin CA Cuttino J: organ system radiology, (Radiology), 157: 28, 1985

28, 1985
Cuttino JT See Creasy JL
Cuttino JT Jr See Matsumoto AH
Cuttino JT Jr. Sealiff JH: uniform acceptance date
for resident recruitment, (Invest Radiol), 21: 170,
1986

1986
Cyr DR See Goiney RC
Cyr DR See Lenke RR
Cyr DR See Montana MA
Cyr DR See Schoenecker SA
Cyr DR See Weinberger E
Cyr DR; Guntheroth WG; Mack LA; et al:
systematic approach to fetal echocardiography
using real-time / two-dimensional sonography, (J
Ultrasound Med), 5: 343, 1986
Cyr DR; Mack LA; Schoenecker SA; Patten RM;

Ultrasound Med), 5: 343, 1986 Cyr DR; Mack LA; Schoenecker SA; Patten RM; Shepard TH; Shuman WP; Moss AA: bowel migration in the normal fetus: US detection, (Radiology), 161: 119, 1986 Cyrlak D; Pais MJ; chronic recurrent multifocal osteomyelitis, (Skeletal Radiol), 15: 32, 1986

osteomyelitis, (Skeletal Radiol), 15: 32, 1986 Czarnecki DJ: intraperitoneal hemorrhage diagnosed by technetium-99m labeled RBC imaging, (Clin Nucl Med), 11: 617, 1986 Czembirek H See Hajek PC Czembirek H See Salomonowitz E Czembirek H See Tscholakoff D

Czembirek H See Tscholakoff D
Czermak H; Magnet W; Tidstrand J; et al:
sonographic detection of a wooden splinter in
the small intestine wall—a case report,
(Radiology), 155: 284, 1985
Czerniak B; Woyke S; Daniel B; et al: diagnosis of

orbital tumors by aspiration biopsy guided by computerized tomography, (Radiology), **156**: 278, 1985 Czervionke LF See Russell EJ

# D

Dabbagh S; Chesney RW; Langer LO; et al: renal-nonresponsive, bone-responsive pseudohypoparathyroidism. a case with normal vitamin D metabolite levels and clinical features of rickets, (Radiology), 156: 859, 1985 D'Abramo G See Arcovito G

Dach JL See Pelaez JC Dachman AH See Friedman AC Dachman AH See Olmsted WW Dachman AH See Ros PR

Dachman AH See Ros PR
Dachman AH; Lichtenstein JE; Friedman AC:
mucocele of the appendix and pseudomyxoma
peritonei. (A]R), 144: 923, 1985
Dachman AH; Ros PR; Murari PJ; et al: nonparasitic
splenic cysts: report of 52 cases with radiologicpathologic correlation. (A]R), 147: 537, 1986
Daffner RH See Dash N
Daffner RH See Dash N
Daffner RH See Dahas IH
Daffner RH See Sharma P
Daffner RH See Tahas IH

Daffner RH See Tabas JH Daffner RH See Voorhees DR

Daffner RH: anterior tibial striations, (AJR), 143: 651, 1984

Daffner RH: diagnosis and treatment of benign and malignant monostotic tumors of the spine, (Radiology), 157: 624, 1985

Daffner RH; Deeb ZL; Rothfus WE: pseudofractures of the cervical vertebral body, (Skeletal Radiol), 15: 295, 1986

Daffner RH; Dutta TK; Whitman DA: transferring MR images to radiotherapy localization films, (AJR), 145: 186, 1985

Daffner RH; Lupetin AR; Dash N; et al: MRI in the detection of malignant infiltration of bone marrow, (AJR), 146: 353, 1986 Dagher FJ See Kemerer VF Jr

Dagher FJ See Kemerer VF Jr
Dahl EP See Serrano A
Dahl JR See Myers WG
Dahl Or testicular carcinoma: curable malignancy,
(Radiology), 158: 576, 1986
Dahl T See Eyjolfsson O
Dahlback O See Ekholm SE
Dahlin DC See Cark JL
Dahlin DC See Cooper KL
Dahlin DC See Wolfe JT III
Dahlin DC See Wolfe JT III
Dahlin DC; giant cell tumor of bone: highlights of

Dahlin DC See Wolfe JT III
Dahlin DC See Wolfe JT III
Dahlin DC: giant cell tumor of bone: highlights of
407 cases, (AJR), 144: 955, 1985
Dahlin H; Lamon I-L; Landberg T; et al: user
requirements on CT-based computed dose
planning systems in radiation therapy,
(Radiology), 154: 287, 1985
Dahnert WF; Hamper UM; Eggleston JC; Walsh PC;
Sanders RC: prostatic evaluation by transrectal
sonography with histopathologic correlation:
echopenic appearance of early carcinoma,
(Radiology), 158: 97, 1986
Dahnert WF; Hamper UM; Walsh PC; Eggleston JC;
Sanders RC: echogenic focus in prostatic
sonograms, with xeroradiographic and
histopathologic correlation, (Radiology), 159: 95,
1986

Dahniya MH See Peters IB
Dail DH See Kidd R
Dailey E See Hartmann DS
Daintith HAM See Hawkey CJ
Dake MD; Jacobs RP; Margolin FR: computed
tomography of posterior lumbar apophyseal
ring fractures, (JCAT), 9: 730, 1985
Dakini SR See Housholder DF
Dale RG: quality control of linear accelerator
performance using semiconductor probes.

anng tractures, (J.C.A.1), 9:7-30, 1985
Dakhi JS Ree Housholder DF
Dale RG: quality control of linear accelerator
performance using semiconductor probes,
(Radiology), 155: 834, 1985
Dale WJ See Gelfand DW
D'Alessio T; Di Giuliomaria C; Sacco R; et al: on
the use of autoregressive time series in the
modelling of Doppler signals for diagnostic
purposes, (Radiology), 152: 268, 1984
Daley C See Goodman PC
Dalfin FY See Bruneton JN
Dalinka MK See Estein DM
Dalinka MK See Estein DM
Dalinka MK See Estein DM
Dalinka MK See Rao VM
Dalinka MK See Michell DG
Dalinka MK See Wessler HB
Dalinka MK See Steel BD
Dalinka MK See Wasper BA
Dalinka MK See Steel BD
Dalinka MK See Steel BD
Dalinka MK See Steel BD
Dalinka MK See Wasper BA
Dalinka MK; Stewart Y; Bomalaski JS; Halpern M;
Kricun ME; periarticular calcifications in
association with intra-articular corticosteroid
injections, (Radiology), 152: 615, 1984
Dalla-Palma L; Bazzocchi M; Pozzi-Mucelli
RS; et al: ultrasonography in the diagnosis of
hydronephrosis in patients with normal renal
function, (Radiology), 152: 67, 1984
Dalla-Palma L; Stacul F; Pozzi-Mucelli RS; et al:
impact of technology and technique on the
performance of the intravenous D.S. A. of the
carotid arteries, (Eur J Radiol), 6: 73, 1986
Dalley RW; Robertson WD; Lapointe JS; et al:
computed tomography of a cerebellopontine
angle lipoma, (JCAT), 10: 704, 1986
Dalley RW; Robertson WD; Nugent RA; et al:
computed tomography of a cerebellopontine
angle lipoma, (JCAT), 10: 704, 1986
Dalley RW; Robertson WD; Nugent RA; et al:
computed tomography of a cerebellopontine
angle lipoma, (JCAT), 10: 704, 1986
Dalley RW; Robertson WD; Nugent RA; et al:
computed tomography of a cerebellopontine
angle lipoma, (JCAT), 10: 704, 1986

cerebellar artery aneurysm mimicking an acoustic neuroma, (JCAT), 10: 881, 1986

Dal Maso M; Lippi I: adenoid cystic carcinoma of the head and neck: clinical study of 37 cases, (Radiology), 157: 856, 1985

P'Alonzo GE; Bower JS; Dantzker DR: differentiation of patients with primary and thromboembolic pulmonary hypertension, (Radiology), 153: 845, 1984

P'Alonzo WA Jr; Alavi A: detection of deep venous thrombosis by indium-111 leukocyte scintigraphy, (J Nucl Med), 27: 631, 1986

D'Alotto C; Pelz DM; Rankin RN: comparison of angiography, intravenous digital subtraction angiography and duplex ultrasound in the diagnosis of carotid artery atherosclerosis, (Radiology), 159: 574, 1986

Dal Pozzo G; Bozza A; Fargnoli R; et al: CT identification of celiac ganglia, (Radiology), 158: 567, 1986

Dalso W See Wason S

Dalton AJ See Wisniewski KE

Dalton D See Kucich VA

D'Alton JG; Norris JW: carotid Doppler evaluation in carofrowascular diagses (Rastiology), 159: 162-262.

D'Alton JG; Norris JW: carotid Doppler evaluation in cerebrovascular disease, (Radiology), 152:

855 1984

855, 1984
Dalton JW See Spechler SJ
d'Alton M See Jeanty P
D'Altorio RA See Boyadjis TA
Daly BD Jr; Faling J; Pugatch RD; et al: computed tomography: effective technique for mediastinal staging in lung cancer, (Radiology), 156: 281, 1985

1985
Daly BDT See Bankoff MS
Daly CP See Martin JF
Daly D See Reuter KL
Daly JM See Botet JF
Damasio AR See Butler MJ Damasio AR See Graff-Radford NR
Damasio AR, Damasio H: anatomic basis of pure
alexia, (Radiology), 152: 855, 1984
Damasio H See Damasio AR

D'Amato CJ See Bowerman RA
Damber J-E See Tomic R
D'Amico G See Cottone M
Damm M See Turski PA

Dammer W; Currarino G: mesourachus and colon obstruction, (Radiology), 151: 263, 1984 Damsker JI See Markoe AM Damsma H; de Groot JAM; Zonneveld FW; et al: CT of cochlear otosclerosis (otospongiosis), (Radiol Clin North Am), 22: 37, 1984

Damuth HD Jr; Greenbaum El: colonic spasm: a possible mechanism for thumbprinting, (Radiology), 155: 548, 1985

Dan NG: intracranial subdural haematoma after metrizamide myelography, (Radiology), 153: 853, 1984

Dan SJ See Train JS
Dan SJ; Goldstein MS: fallopian tube occlusion with silicone: radiographic appearance, (Radiology), 151: 603, 1984

Dan SJ; Train JS; Mitty HA; et al: angiography in the in situ saphenous vein bypass, (AJR), 147:

Dana K See Currarino G Danchin N See Boulay F

Danchin N; Thisse JY; Neimann JL; et al: Osler-Weber-Rendu disease with multiple intrahepatic arteriovenous fistulas, (Radiology), 150: 867, 1984

150: 867, 1984
Dandona P; Okonolucano F; Clements RV:
osteomalacia presenting as pathological fracture
during pregnancy in Asian women of high
socioeconomic class, (Radiology), 157: 566, 1985
Daneman A See Bachrach LK

Daneman A See Chan HSL Daneman A See Cohen EK Daneman A See Davies CH

Daneman A See Donoghue V Daneman A See Farrelly CA

Daneman A See Israels SJ Daneman A See Pablot SM

Daneman A See Soto G

Daneman A See Stringer DA Daneman D See Bachrach LK Danement A See Heier L Danet B See Simon J

D'Angelo CM See Russell EJ

D'Angelo CM See Russell EJ
Danher J; Eyes BE; Kumar K: oblique rib views after
blunt chest trauma: an unnecessary routine?,
(Radiology), 156: 262, 1985
Daniel B See Czerniak B

Daniel EB See Mittelstaedt CA Daniel F See Wolfe GT

Daniel T See Shih W-J
Daniel T See Shih W-J
Daniel WG; Dohring W; Stender H-S; et al: value
and limitations of computed tomography in
assessing aortocoronary bypass graft patency,
(Radiology), 151: 271, 1984

(Radiology), 151: Z/1, 1705 Daniel WT III See Reinig JW Daniel WW; Barnes GT, Nasca RJ; et al: segmented-C-14 sadiography in scoliosis, (AJR), 144: 325,

Danieley N See Johnson GA Daniels D See Mark L

Daniels DL See Grogan JP Daniels DL See Haughton VM

Daniels DL See Kilgore DP Daniels DL See Koehler PR Daniels DL See Naidich TF

Daniels DL See Pech P Daniels DL See Pojunas KW Daniels DL See Yetkin Z

Daniels DL See Yetkin Z Daniels DL; Grogan JP; Johansen JG; Meyer GA; Williams AL; Haughton VM: cervical radiculopathy: computed tomography and myelography compared, (Radiology), 151: 109, 1984

Daniels DL; Herfkens RJ; Gager WE; Meyer GA; Koehler PR; Williams AL; Haughton VM: magnetic resonance imaging of the optic nerves and chiasm, (Radiology), 152: 79, 1984 Daniels DL; Herfkens RJ; Koehler PR; Millen SJ; Shaffer KA; Williams AL; Haughton VM: magnetic resonance imaging of the internal auditory canal, (Radiology), 151: 105, 1984 Daniels DL; Hyde JS; Kneeland JB; et al: cervical nerves and foramina: local-coil MR imaging, (AJNR), 7: 129, 1986

Daniels DL; Kneeland JB; Shimakawa A; et al: MR imaging of the optic nerve and sheath: correcting the chemical shift misregistration effect, (AJNR), 7: 249, 1986

Daniels DL; Pech P; Kay MC; et al: orbital apex: correlative anatomic and CT study, (AJNR), 6: 705, 1985

Daniels DL; Pech P; Mark L; et al: magnetic

Daniels DL; Pech P; Mark L; et al: magnetic resonance imaging of the cavernous sinus, (AJNR), 6: 187, 1985 Daniels DL; Pech P; Pojunas KW; Kilgore DP; Williams AL; Haughton VM: trigeminal nerve: anatomic correlation with MR imaging, (Radiology), 159: 577, 1986

Daniels DL; Pojunas KW; Kilgore DP; et al: MR of the diaphragma sellae, (AJNR), 7: 765, 1986 Daniels DL; Schenck JF; Foster T; et al: magnetic resonance imaging of the jugular foramen, (AJNR), 6: 699, 1985

Daniels DL; Schenck JF; Foster T; et al: surface-coil magnetic resonance imaging of the internal auditory canal, (AJNR), 6: 487, 1985

Daniels DL; Williams AL; Haughton VM: jugular foramen: anatomic and computed tom study, (AJR), 142: 153, 1984

Danielson K; Chernin MM; Amberg JR; et al: epiploic appendicitis: CT characteristics, (JCAT), 10: 142, 1986

Danielson KS; Hunter TB: barium capsules, (AJR), 144: 414, 1985 Danley D See Goldner F Dann R See Alavi A
Dannals RF See Frost JJ
Dannels W See Braun IF

Dannels W See Pettigrew RI Danoff BF See Solin LJ Danowski TS See Obley DL

Danowski TS See Winzelberg GG Danton RM See Jeans WD Dantzker DR See D'Alonzo GE

Danza FM; Fusco A; Breda M; et al: ductus arteriosus aneurysm in an adult, (AJR), 143: 131, 1984

Danza FM; Fusco A; Falappa P: role of computed tomography in the evaluation of dissecting aortic aneurysms, (Radiology), 152: 288, 1984 Danza FM; Valentini AI; Colosimo C Jr; et al: evolution of a mural thrombus in false aneurysm: CT demonstration, (JCAT), 10: 126,

1986

Danzig L See Cone RO III Danzig L See Deutsch AL Danzig L See Resnik CS Danziger A See Fleckman AM

Danziger A See Zimmerman RD Darcy MD See Smith TP

Darcy MD See Smith 17
Darcy MD; Cardella JF; Hunter DW; Smith TP;
Castaneda-Zuniga WR; Lund G; Amplatz K;
experience with the Amplatz retrievable vena
caval filter: work in progress, (Radiology), 161: 611 1986

Darcy MD: Smith TP: Hunter DW: et al: short-term prophylaxis of pulmonary embolism by using a retrievable vena cava filter, (AJR), 147: 836, 1986

Dardik H; Sussman BC; Kahn M; et al: lysis of arterial clot by intravenous or intra-arterial administration of streptokinase, (Radiology), 153: 272, 1984

Darweesh RMA See Dodds WJ Darwin R See Drayer BP

Darwin R H; Prayer BP; Riederer SJ; Wang HZ; MacFall JR: T2 estimates in healthy and diseased brain tissue: comparison using various MR pulse sequences, (Radiology), 160: 375, 1986

Daryabagi J See Byrd SE Das L See Watts FB Jr Das Gupta TK See Mantravadi RVP Dash N See Daffner RH Dash N See Lupetin AR

Dash N See Sefczek RJ Dash N; Lupetin AR; Daffner RH; et al: magnetic resonance imaging in the diagnosis of breast disease, (AJR), 146: 119, 1986

Dastur KJ; Raji MR; Smith WI Jr: pulmonary metastasis from intraspinal meningioma, (AJNR), 5: 483, 1984

Datz FL See Bedont RA Datz FL See Cook PS Datz FL See Fortner A Datz FL See Milton WJ

Datz FL: cerebral edema following iodine-131 therapy for thyroid carcinoma metastatic to the brain, (J Nucl Med), 27: 637, 1986

Datz FL: radiolabeled leukocytes and platelets, (Invest Radiol), 21: 191, 1986

Datz FL: utility of indium-111-labeled leukocyte imaging in acute acalculous cholecystitis, (AJR), 147: 813, 1986

147: 815, 1986
Datz FL; Luers P; Baker WJ; et al: improved detection of upper abdominal abscesses by combination of \*\*mTc sulfur colloid and \*\*inIn leukocyte scanning, (AJR), 144: 319, 1985
Datz FL; Taylor A Jr. clinical use of radionuclide bone marrow imaging, (Semin Nucl Med), 15: 239, 1985

Datz FL; Thorne DA: effect of chronicity of infection on the sensitivity of the In-111-labeled leukocyte scan, (AJR), 147: 809, 1986

Datz FL; Thorne DA: gastrointestinal tract radionuclide activity on In-111 labeled leukocyte imaging; clinical significance in patients with fever of unknown origin, (Radiology), 160: 635, 1986

Daughtry JD See Bean WJ

Daumas-Duport C; Meder JF; Monsaingeon
V; et al: cerebral gliomas: malignancy, limits,
and spatial configuration, (Radiology), 150: 861,

Daunt N; Jayasinge LSJ: cerebral torulosis: clinical features and correlation with computed tomography, (Radiology), 158: 860, 1986 D'Auria SH See Marx M Daut DP See Abdullah AF

Dauzat M See De Bray J-M

D'Avella D; Russo A; Santoro G; et al: diagnosis of superior sagittal sinus thrombosis by computerized tomography, report of two cases, (Radiology), 157: 571, 1985 Daves ML See Bowles CR

Daves ML: aluminum bone disease in children: radiographic features from diagnosis to resolution, (Radiology), 159: 283, 1986

Daves ML; Pryor RJ; Bowles CR: congenitally corrected transposition in the adult: detection by radionuclide angiocardiography, (Radiology), 160: 854, 1986

Davey P See Duncan W

Davey P; Merrick MV; Duncan W; et al: bladder cancer: value of routine bone scintigraphy, (Radiology), 156: 571, 1985

David GL See Kerlin P

David GS See Halpern SE David IG See Altobelli SA

David PR See Gorcos T

David R See Kumar R
Davidoff AB: Udoff EI: Schonfeld SA: intraaneurysmal embolization of a pulmonary artery aneurysm for control of hemoptysis, (AJR), 142: 1019, 1984

(A)K), 142: 1019, 1984
Davidson HD, Abraham R, Steiner RE: agenesis of the corpus callosum: magnetic resonance imaging, (Radiology), 155: 371, 1985
Davidson HD; Steiner RE: magnetic resonance imaging in infections of the central nervous system, (A)NR), 6: 499, 1985

Davidson HE See Benghiat A

Davidson HE See Benghiat A
Davidson See Johnson RD
Davidson TM See Polansky A
Davies AC; Keightley A; Borthwick-Clarke A; et al:
use of a low-osmolality contrast medium in
hysterosalpingography: comparison with a
conventional contrast medium, (Radiology),
158: 859, 1986

Davies CH; Daneman A; Stringer DA: inspis bile in a neonate with cystic fibrosis, (J Ultrasound Med), 5: 335, 1986

Davies CH; Stringer DA; Whyte H; et al: congenital hepatic fibrosis with saccular dilatation of intrahepatic bile ducts and infantile polycystic kidneys, (Pediatr Radiol), 16: 302, 1986

Davies ER See Abrams ME

Davies ER See Goddard P

Davies GI See Crean PA

Davies GJ See Crean FA
Davies ML; Clack FJ; Harris JK: rectal monitor for use with afterloading intracavitary radioactive implants, (Radiology), 156: 822, 1985

Davies P See Panto PN

Davies P, Panto PN; Buckley J; et al: old and new: study of five contrast media for urography, (Radiology), 158: 859, 1986 Davies PK See Mack LA

Davies RL; Flores NA; Evans KT: development and

Davies R.; riores NA; Evans R.I: development and assessment of an image intensifier for real-time X-ray microscopy, (Br J Radiol), 59: 273, 1986

Davies RP; Kennedy G; Chatterton BE: noncystic appearance of intraperitoneal Echinococcus on ultrasonic examination, (JCU), 14: 55, 1986 Davis B See Fraser RG

Davis B See Gass JDM

Davis CA See Withers HR
Davis CA; Genant HK; Dunham JS: effects of bone
on proton NMR relaxation times of surrounding
liquids, (Invest Radiol), 21: 472, 1986

Davis CH See Thomas DGT Davis CJ Jr See Hartman DS Davis CS III See Loevinger E Davis DO See Kieffer SA Davis DO See Kucharczyk W Davis DO See Pennisi AK

Davis G; Kaplan K; Kwaan HC: pulmonary emboli from a platelet-rich thrombus attached to a pacemaker electrode, (Radiology), 152: 250, 1984

Davis JA; Gosink BB: fluid in the femal pelvis: cyclic patterns, (J Ultrasound Med), 5: 75, 1986 Davis JE See Svigals PJ

Davis JG See Caprihan A Davis JL See Drexler B

Davis JM; Zimmerman RA: injury of the carotid and vertebral arteries, (Radiology), 151: 265, 1984

Davis K See Pretorius DH Davis KR See Aaron JO Davis KR See Bachow TB

Davis KR See Edelman RR

Davis KR See Hayes E Davis KR See Hesselink JR Davis KR See Kistler JP

Davis KR See Kjellberg RN Davis KR See New PFJ

Davis KR See Rosenthal DI Davis KR See Widder DI

Davis KR: embolization of epistaxis and juvenile nasopharyngeal angiofibromas, (AJNR), 7: 953, 1986

Davis LI: pulmonary "mainline" granulomatosis: talcosis secondary to intravenous heroin abuse with characteristic x-ray findings of asbestosis, (Radiology), 151: 817, 1984

Davis LW See Brady LW Davis M See Hayden CK Jr Davis MA See Ryan PJ

Davis MC; Fishman EK; Cameron JL; et al: computed tomography of vaginal cuff cyst: late complication of hysterectomy, (JCAT), 10: 354, 1986

Davis N See Mandell GA Davis PC See Braun IF Davis PC See Witrak BJ

Davis PC; Hoffman JC Jr; Tindall GT; et al: CT-surgical correlation in pituitary adenomas: evaluation in 113 patients, (AJNR), 6: 711, 1985

Davis PC; Hoffman JC Jr; Tindall GT; et al: prolactin-secreting pituitary microadenomas: inaccuracy of high-resolution CT imaging, (AJNR), 5: 721, 1984

Davis PC; Hoffman JC Jr; Weidenheim KM: large hypothalamic and optic chiasm gliomas in infants: difficulties in distinction, (AJNR), 5:

infants: difficulties in 579, 1984 Davis PL See Crooks LE Davis PL See Lanzer P Davis PL See Moss AA Davis PL See Stark DD

Davis PL Hricak H; Bradley WG Jr: magnetic resonance imaging of the adrenal glands, (Radiol Clin North Am), 22: 891, 1984
 Davis PL; Moss AA; Goldberg H]; et al: nuclear magnetic resonance imaging of the liver and pancreas, (Radiographics), 4: 159, 1984
 Davis RB; Schauwecker DS; Siddiqui AR; et al: indeterminate lung imaging; can the number be reduced?, (Clin Nucl Med), 11: 577, 1986
 Davis RI; North RB; Campbell IN; et al: multiple

Davis RJ; North RB; Campbell JN; et al: multiple cerebral hemorrhages following chymopapain chemonucleolysis. case report, (Radiology), 154: 855, 1985

Davis RK See Hardin CW Davis RL See Turowski K Davis S See Balcar I Davis S See Tress BM Davis WA See Oliver TW Jr

Davis WK; McCarthy S; Moss AA; et al: computed tomography of gestational trophoblastic diseas (JCAT), 8: 1136, 1984

Davis WL; Nelson JA; Barry WH: effects of contrast media on cultured myocardial cells, (Invest Radiol), 21: 626, 1986

Davros WJ; Madsen EL; Zagzebski JA: breast mass detection by US: phantom study, (Radiology), 156: 773, 1985

Dawson D See Harrington H

Dawson D See Harrington H
Dawson DJ See Ferguson DJ
Dawson EG; Clader TJ; Bassett LW: comparison of
different methods used to diagnose
pseudarthrosis following posterior spinal fusion
for scoliosis, (Radiology), 159: 574, 1986

Dawson P: contrast agent nephrotoxicity an appraisal, (Radiology), 157: 568, 1985

Dawson P: Becker A; Holton JM: effect of contrast media on the growth of bacteria, (Radiology), 152: 252, 1984

Dawson P; Harrison JJG; Weisblatt E: effect of contrast media on red cell filtrability and morphology, (Radiology), 152: 252, 1984 Dawson P; Heron C; Marshall J: intravenous

urography with low-osmolality contrast agents: theoretical considerations and clinical findings, (Radiology), **154**: 271, 1985

Dawson P; Hewitt P; Mackie IJ; et al: contrast, coagulation, and fibrinolysis, (Invest Radiol), 21: 248, 1986

248, 1986
Dawson P; Turner MW; Bradshaw A; et al: complement activation and generation of C<sub>3a</sub> anaphylatoxin by radiological contrast agents, (Radiology), 151: 261, 1984
Dawson SL See Mueller PR

Dawson SL See Neff CC Dawson SL See Simeone JF

Dawson SL; Mueller PR; Ferrucci JT Jr: mucomyst for abscesses: a clinical comment, (Radiology), 151: 342, 1984

151: 342, 1984 Wson SL; Mueller PR; Ferrucci JT Jr; Richter JM; Schapiro RH; Butch RJ; Simeone JF: severe esophageal strictures: indications for balloon catheter dilatation, (Radiology), 153: 631, 1984

Day DL: aortic arch in neonates with esophageal atresia: preoperative assessment using CT, (Radiology), 155: 99, 1985

Day DL: extravasation of contrast material from unused bladders during voiding vostourethrography, (Radiology), 155: 105, 1985 Day DL; Allan BT: pediatric case of the day, (AJR), 144: 1296, 1985

Day DL; Gedgaudas E: thymus, (Radiol Clin North Am), 22: 519, 1984 Day DL; Sane S; Dehner LP: inflammatory

pseudotumor of the mesentery and small intestine, (Pediatr Radiol), 16: 210, 1986 Day DL; Scheinman JI; Mahan J: radiological aspects of primary hyperoxaluria, (AJR), 146: 395, 1986

Day DL; Warwick WJ: thoracic duct opacification for CT scanning, (AJR), 144: 403, 1985
Day JL See Markoe AM

Day JL See Stanton L Daykin EL; Irwin GAL; Harrison DA: CT demonstration of a traumatic aneurysm pulmonary artery, (JCAT), 10: 323, 1986 D'Cruz CA See Gibson JY

D'Cruz CA See Gibson JY
D'Cruz IA, Stanley A; Vitullo D; et al: noninvasive
diagnosis of right cervical aortic arch,
(Radiology), 151: 274, 1984
Deacon JM; Holliday SB; Ahmed I; et al:
experimental pharmacokinetics of RSU-1069

and its analogues: high tumor/plasma ratios, (Int J Radiat Oncol Biol Phys), 12: 1087, 1986

Dean PB See Axel L
Dean PB See Lipton MJ
Dean RD See Haas JS
Deanfield JE See Sugrue DD
Dearborn DG See Fletcher BD
Dearlove J See Pearl KN
De Armond SJ See Sze G

De Armond SJ See Sze G
Debaene A; Laviellle J; Vion-Dury J; et al:
contribution of MRI to the diagnosis of multiple
sclerosis, (J Neuroradiol), 15: 1, 1986
DeBenedictis TJ See Marman JI.
DeBlois GG; DeMay RM: adrenal myelolipoma
diagnosis by computed-tomography-guided
fine-needle aspiration. a case report,
(Radiology, 136: 56: 90, 1985
De Boeck M See Claes HP
De Bray J-M; Dauzat M; Pouplard F; et al:
combined continuous wave Doppler and
radionuclide delay methods versus angiography
in detection of vertebral basilar arterial
obstruction. (J Ultrasound Med), 4: 55, 1985
Debrun G See Borges LF

Debrun G See Borges LF
Debrun GM See Vinuela FV
de Bruyn R See Malone M
De Campo JF: ultrasound of Wilms' tumor, (Pediatr
Radiol), 16: 21, 1986

Kadiol), 16: 21, 1986
DeCampo JF, Mayne V; Boldt DW; et al:
radiological findings in total aganglionosis coli,
(Radiology), 153: 851, 1984
De Campo JF; Myers D; Klug GL: ultrasound
guided removal of an intracranial bullet: case
report, (Australas Radiol), 30: 6, 1986

report. (Australas Radiol), 30: 6, 1986
de Carvalho A See Jurik AG
de Carvalho A, Illum F; Jorgensen J: calcifications
simulating peroneus longus tendinitis,
(Radiology), 154: 848, 1985
de Carvalho A; Jurik AG; Illum F: case report 335,
(Skeletal Radiol), 15: 52, 1986

(Skeletal Radiol), 15: 52, 1986
de Carvalho A; Moller T; Vestergard-Andersen T;
radiologic aspects of the Caleazzi lesion,
(Radiology), 155: 272, 1985
de Carvalho JLAF See Bar-Maor JA
De-chang M See Ru-bin C
Dechelotte P See Labbe A
deCherney A See Richman TS
Deck MDF See Les BCP
Deck MDF See Les BCP
Deckard MF See Bar-bair ZJ Deckard ME See Barbaric ZL Deckelbaum RJ See Granot E Deconinck F See Hale JD
Decorps M See Le Bas JF
De Coster A See De Vuyst P
DeCrescito V See Cohen WA de Crespigny LC See Butt W De Divitiis E See Constans JP Dedrick CG See Kiwak MG Dedrick CG See Lindfors KK Dedrick CG See Shepard J-AO
Dedrick CG See Shipley RT
Dedrick CG; McLoud TC; Shepard JO; et al:
computed tomography of localized pleural
mesothelioma, (AJR), 144: 275, 1985

Dedrick RL See Doppman JL Dee G See Berdon WE

Dee GJ see Grant DC

Dee GJ; Bello JA; Hilal SK: high field, thin section nuclear magnetic resonance imaging of the cervical spine, (Cardiovasc Intervent Radiol), 8: 283, 1986

Dee P; Granato JE; Gibson RS: CT and ultrasound diagnosis of aortic dissection, (Semin US CT MR), 6: 146, 1985

PM, Suratt PM; Bray ST; et al: mucous plugging simulating pulmonary embolism in patients with quadriplegia, (Radiology), 153: 559, 1984

Deeb ZL See Daffner RH Deeb ZL See Hryshko FG Deeb ZL See Sefczek RJ Deeb ZL See Tabas JH

Leeb ZL See Tabas JH

Deeb ZL; Rothfus WE; Maroon JC: MR imaging of heterotopic gray matter, (JCAT), 9: 1140, 1985

Deeb ZL; Schimel S; Daffner RH; et al: intervertebral disk-space infection after chymopapain injection, (AJNR), 6: 55, 1985

Deeb ZL; Schimel S; Rothfus WE; et al: diagnosis of bilateral intracavernous carotid artery aneurysms by computed tomography, (CT), 10: 121, 1986

de Elejalda MM See Elejalda MM

de Elejalde MM See Elejalde BR Dees SM See Porter WC de Fays F See Trigaux JP de Fays R See Trigaux JP

de Fays R See Trigaux JP
Deffebach RR See Evens RG
De Filipp GF See Johnson MH
Defilippi CD See Miranda M
de Filippi G; Canestri G; Bosio U; et al: thoracic
neuroblastoma: antenatal demonstration in a
case with unusual postnatal radiographic
findings, (Br J Radiol), 59: 704, 1986
DeGaeta L; Levine MS; Guglielmi GE; et al: herpes
esophagitis in an otherwise healthy patient,
(AJR), 144: 1205, 1985

DeGaeta LR See Ryan PJ
De Gaetano AM See Maresca G
Degani H; Horowitz A; Itzchak Y: breast tumors:
evaluation with P-31 MR spectroscopy,
(Radiology), 161: 53, 1986
de Geer G See Dooms GC
de Geer G See McMurdo KK

de Geer G See McMurdo KK
de Geer G See von Schulthess GK
de Geer G See von Schulthess GK
de Geer G See Webb WR
de Geer G; Gamsu G; Cann CE; et al: evaluation of a
chest phantom for CT nodule densitometry,
(AJR), 147: 21, 1986
de Geer G; Webb WR; Gamsu G: normal thymus:
assessment with MR and CT, (Radiology), 158:
213, 1946.

313, 1986

313, 1986
de Geer G; Webb WR; Sollitto R; et al: MR
characteristics of benign lymph node
enlargement in sarcoidosis and Castleman's
disease, (Eur J Radiol), 6: 145, 1986
Degesys GE See Dunnick NR
Degesys GE; Dunnick NR, Silverman PM; et al:
retroperitoneal fibrosis: use of CT in
distinguishing among possible causes, (AJR),
146: 57, 1986
Degesys GE; Miller GA; End MY, Dunant MR;

Degesys GE; Miller GA; Ford KK; Dunnick NR:
Tenckhoff peritoneal dialysis catheters: use of fluoroscopy in management, (Radiology), 154:

fluoroscopy in management, (Radiology), 154:
819, 1985
de Graaf CN; Bakker CJG: simulation procedure to
determine nuclear magnetic resonance imaging
pulse sequence parameters for optimal tissue
contrast, (J Nucl Med), 27: 281, 1986
DeGraff W See Mitchell JB
DeGroot J See Dillon WP
de Groot J AM See Damsma H
DeGroot TR See Hengerer AS
Dehmer GJ See Starling MR
Dehner LP See Day DL
de Hooge P See Derks WHJ
Deimling M See Huk W
Deimling M See Huk W
Deimling M See Mueller E
Deininger HK: Wegener granulomatosis of the
breast, (Radiology), 154: 59, 1985
Deitch JS See Buffo GC
Deitch RL See Mafee MF
Deitz J See Hedlund LW
de Jong AJL See Hopman WPM
de Jong R See Mena I
De Juan EE; Green WR; Iliff NT: allergic periorbital
mucopyocele in children, (Radiology), 151: 547,
1984
deKernion JB See Lindner A

deKernion JB See Lindner A
DeKernion JB, Huang M-Y; Kaufman JJ; et al:
results of treatment of patients with stage D<sub>1</sub>
prostatic carcinoma, (Radiology), 159: 571, 1986

prostatic carcinoma, (Radiology), 159: 571, 198
De Lacey G See Gajjar B
De la Cruz A: polytomographic evaluation of the
clivus and petrous apices: a new view,
(Radiology), 153: 278, 1984
Delagardelle C See Henze E
Deland FH See Goldenberg DM
Deland FH, Goldenberg DM: diagnosis and
treatment of neoplasms with radionuclidelabeled antibodies, (Semin Nucl Med), 15: 2,
1985
Delaney C See Geslien GE

labeled antibodies, (Semin Nucl Med), 15: 2, 1985

DeLaney C See Geslien GE
Delaney MD See Tuazon CU
Delaney P, Neeley S; Schwartz R: fatal CNS
toxoplasmosis in a homosexual man,
(Radiology), 151: 267, 1984

de Lange EE; Keats TE: localized chondrocalcinosis
in traumatized jointis, (Radiology), 159: 573, 1986

de Lange EE; Pope TL Jr; Fechner RE:
dedifferentiated chondrosarcoma: radiographic
features, (Radiology), 161: 489, 1986

deLange EE; Shaffer HA: barium suspension
formulation for use with the bubbly barium
method, (Radiology), 154: 825, 1985

de Lange EE; Slutsky VS; Swanson S; et al:
computed tomography of emphysematous
gastritis, (JCAT), 10: 139, 1986

de Lange EE; Vielvoye GJ; Voormolen JHC: arterial
compression of the fifth cranial nerve causing
trigeminal neuralgia: angiographic findings,
(Radiology), 158: 721, 1986

DeLange HE; Jones B: unnecessary intravenous
urography in young women with recurrent
urinary trat infections, (Radiology), 151: 545,
1984

Delange T See Clavier E

Delangre T See Clavier E
Delano ML See Sands H
Delany DJ See Breatnach ES
Delany DJ See Mandell VS
DeLaPaz R See Enzmann DR
Delayre JL See Narayana PA
DelBalso AM; Bowers JE: aneurysm of intrapetrous
carotid artery: CT and angiographic findings,
(JCAT), 10: 702, 1986
Del Caro SR See de Oliveira A
Delcour C See Van Gansbeke D
Delcour C; Wespes E; Vandenbosch G;
Schulman CC; Struyven J: impotence:
evaluation with cavernosography, (Radiology),
161: 803, 1986

Delebeke D See Jeanty P De Leon MJ See George AE Delevaux JL See Lopez OL Delgado R See Lucaya J Delgoffe C See Picard L

Deliaye M; Engelholm L; Cremer M: pancreas divisum: congenital anatomic variant or anomaly? contribution of endoscopic retrograd dorsal pancreatography, (Radiology), 160: 573,

DeLibero BB; Norder A; Griffiths HJ: international dictionary of medicine and biology. 3 vols., (Radiology), 160: 606, 1986 Delman A See Golimbu C

del Regato JA: breast cancer: postoperative radiation therapy, (Radiology), 157: 267, 1985

del Regato JA: Hermann Heineke, (Int J Radiat Oncol Biol Phys), 12: 997, 1986

Del Rio MJ See Engelstad BL

Del Rio P See Kruger RA

De Luca F; Crescenzi A; Luzzi M; et al: modified
crossed-ellipse rediofrequency coil for MRI,
(Magn Res Med), 3: 491, 1986

Demard F See Bruneton JN

De Maria M; De Simone G; Laconi A; Mercadante G; Pavone P; Rossi P: gold storage in the liver: appearance on CT scans, (Radiology), 159: 355, 1986

DeMarino G: fundamentals of nuclear medicine, (Radiology), 155: 220, 1985

DeMarino G: manyal of ultrasound, (Radiology), 153: 498, 1984 Demas BE See Hoddick WK

Demas BE See Hricak H Demas BE See Shea WJ Jr

Demas BE; Hricak H; Jaffe RB: uterine MR imaging: effects of hormonal stimulation, (Radiology), 159: 123, 1986

159: 123, 1986
Demas BE, Hricak H; Moseley M; Wall SD; Moon K1 Jr; Goldberg HI; Margulis AR: gallbladder bile: experimental study in dogs using MR imaging and proton MR spectroscopy, (Radiology), 157: 453, 1985
Demas BE, McCarthy SM; Moss AA; et al: utility of ceruletide in promoting intestinal opacification for abdominal and pelvic computed tomography, (Gastrointest Radiol), 11: 197, 1986

DeMay RM See DeBlois GG

DeMeester TR See Little AG

Demierre B; Rondot P: dystonia caused by
putamino-capsulo-caudate vascular lesions,
(Radiology), 150: 860, 1984

DeMocker JC: atlas of obstetric and gynecologic ultrasound, (Radiology), 154: 250, 1985 de Moraes CR: calification of the heart: rare manifestation of chronic renal failure, (Pediatr Radiol), 16: 422, 1986

Demos TC See Love L Demos TC See Moncada R Demos TC See Puczynski MS

Demos TC See Silver B

Demos TC See Zvetina IR Demos TC: radiology in emergency medicine, (Radiology), 154: 342, 1985

Demos TC; Bruno E; Armin A; et al: parosteal lipoma with enlarging osteochondroma, (AJR), 143: 365, 1984

143: 365, 1984

Demos TC; Flisak ME: coiled-spring sign of the cecum in acute appendicitis, (AJR), 146: 45, 1986

Demos TC; Okrent DH; Studlo JD; et al: spontaneous esophageal hematoma diagnosed by computed tomography. (JCAT), 10: 133, 1986

Demos TC; Posniak HV; Churchill RJ: detection of the intimal flap of aortic dissection on unenhanced CT images, (AJR), 146: 601, 1986

Demos TC; Studlo JD; Puczynski M: mycoplasma pneumonia: presentation as a mediastinal mass, (AJR), 143: 981, 1984

Demou L See Kalovidouris A Dempsey D See Husted I

Dempster D See Wahner HW de Muelenaere PFRG: superior dislocation of the hip: report of 2 cases, (Radiology), 159: 286, 1986

DeMuth WE Jr See Nicholas GC DeNardo GL See DeNardo SI DeNardo GL See Koizumi K

DeNardo GL See Macey DJ DeNardo SJ See Koizumi K

DeNardo SJ See Macey DJ

DeNardo SJ; See Mačey DJ
DeNardo SJ; Bogren HG; DeNardo GL: detection of thrombophlebitis in the lower extremities: regional comparison of <sup>123</sup>I fibrinogen scintigraphy and contrast venography, (AJR), 145: 1045, 1985

den Boer JA See Ziedses des Plantes BG Jr Deneberg BS See Maurer AH Denef B See Gan Der Hauwaert LG

Denekamp J: vascular endothelium as the vulnerable element in tumours, (Radiology), 156: 287 1985

Denenberg BS See Siegel JA
Denffer Hv; Dressler J; Pabst HW: lacrimal
dacryoscintigraphy, (Semin Nucl Med), 14: 8,
1984

Dengel FH See Paushter DM Denham JS See Ellis JH

Denham JS See Ellis JH

Denham JW; Strickland P; Alderson AM; et al:
interstitial radiation therapeutic techniques at
Mount Vernon Hospital, (Radiology), 150: 870,

1984
Den Hartog Jager FCA See Hoefnagel CA
den Heeten GJ; Thijn CJP; Kamps WA; et al: effect
of chemotherapy on osterosarcoma of the
extremities as apparent from conventional
centgenograms, (Pediatr Radiol), 16: 407, 1986
den Hollander JA See Luyten PR
Denholm TA; Crow HC; Edwards WH; et al:

prenatal sonographic appearance of meconium ileus in twins, (AJR), 143: 371, 1984

Denis P See Ducrotte P

Denison DM See Strickland B
Denman DL: effects of prenatal irradiation with
special emphasis on late effects, (Radiology),
155: 804, 1985

155: 804, 1985
Denneny JC III See Henderson LT
Dennis MA: Appareti K; Manco-Johnson ML; et al:
echocardiographic diagnosis of multiple fetal
cardiac tumors. (J Ultrasound Med), 4: 327, 1985
Dennis MA; Donohue RE: computed tomography of
prostatic abscess, (JCAT), 9: 201, 1985
Dennis MA; Drose JA; Pretorius DH; MancoJohnson ML: normal fetal sacrum simulating
spina bifida: "pseudodysraphism", (Radiology),
155: 751, 1985

Dennis MA; Pretorius DH; Manco-Johnson ML; et al: CT detection of portal venous gas associated with suppurative cholangitis and cholecystitis, (AJR), 145: 1017, 1985

Dennis MF See Watts ME
Dennis MS; Hayes M: urinoma complicating
papillary necrosis in diabetes, (Radiology), 156:
267, 1985

26/, 1985
Dennison BF See Unger JM
Denny DF; Cronan JJ; Dorfman GS; et al:
percutaneous Kimray-Greenfield filter
placement by femoral vein puncture, (AJR), 145:
827, 1985

Denny DF; Perlmutt LM; Bettmann MA: percutaneous recanalization of an occluded renal artery and delayed ethanol ablation of the kidney resulting in control of hypertension, (Radiology), 151: 381, 1984

Denny WA See Wilson WR Dent GA See Woodruff WW Jr Dent RG See Jones DK Dent TL See Amendola MA

Dent TL See Amendola MA
Denton JR See Singson RD
de Oliveira A; Del Caro SR; Lamego CMB; et al:
radiographic plain film and CT findings in
lipoid pneumonia in infants following
aspiration of mineral oil used in the treatment
of partial small bowel obstruction by ascaris
lumbricoides, (Radiology), 156: 566, 1985
Deonna T See Lipp-Zwahlen AE
De Orchis D; Ozonoff MB: infiltrating angiolipoma
with phlebolith formation, (Skeletal Radiol), 15:
464, 1986
DePare N IV Mintz CS: Para L E- 1

DePace NL; Mintz GS; Ren J-F; et al: natural history of the flail mitral leaflet syndrome: a serial 2-dimensional echocardiographic study, (Radiology), 152: 563, 1984

DePace NL; Nestico PF; Morganroth J; et al: dilated cardiomyopathy in the idiopathic hypereosinophilic syndrome, (Radiology), 152: 863, 1984

DePace NL; Ren J-F; Iskandrian AS; et al:

DePace NL; Ren J-F; Iskandrian AS; et al: correlation of echocardiographic wall stress and left ventricular pressure and function in aortic stenosis, (Radiology), 151: 274, 1984

DePace NL; Ren J-F; Kotler MN; et al: two-dimensional echocardiographic determination of right atrial emptying volume: a noninvasive index in quantifying the degree of tricuspid regurgitation, (Radiology), 152: 563, 1984

De Palma L See Pilu G
De Paola E See Cioniu L

De Paola E See Cionini L De Paulis F See Passariello R de Pauw BE See Strijk SP Depauw L See Brion JP

Depeursinge C See Hessler C
Depledge M; Barrett A; Powles RL: lung function after bone marrow grafting, (Radiology), 151: 563, 1984

DePonte KA See Gelfand DW Depped G See Gleicher N De Pra L See Derchi LE De Pra L See Montali G

De Pra L See Solbiati L

De Fra L See Solibiati L
DeFrima SJ; Hardy DC; Brant WE: reversed
intestinal rotation, (Radiology), 157: 603, 1985
Dequeker J See Mbuyi-Muamba JM
DeRaimo AJ; Kane RA; Katz JF; et al: parathyroid cyst: diagnosis by sonography and needle aspiration, (AJR), 142: 1227, 1984

Deramond H; Remond A; Thiebot J; et al: neurologic manifestations revealing pulmon arteriovenous fistulas, (Radiology), 150: 861,

de Ranieri J See Abbatucci JS

ge Kanieri J See Abbatucci JS Derauf BJ See Smith TP Derauf BJ; Frickson DL; Castaneda-Zuniga WR; et al: "washout" technique for brachiocephalic angioplasty, (AJR), 146: 849, 1986

1986
Derbekyan V See Lisbona R
Derchi LE See Musante F
Derchi LE See Parisi L
Derchi LE See Zappasodi F
Derchi LE; Biggi E; Cicio GR; et al: aneurysms of
the splenic artery: noninvasive diagnosis by
pulsed Doppler sonography, (Radiology), 153:
573, 1984

Derchi LE; Ierace T; De Pra L; et al: sonographic appearance of duodenal lesions, (J Ultrasound Med), 5: 269, 1986

Derchi LE; Musante F; Biggi E; et al: sonographic appearance of fecal masses, (J Ultrasound Med), 4: 573, 1985

4: 57.3, 1985

Derchi LE, Rizzatto G; Giuseppetti G; et al: metastatic tumors in the breast: sonographic findings, (J Ultrasound Med), 4: 69, 1985

Derda H See Selim MA

Derda H See Selim MA
DeRemee RA; Rohrback MS: normal serum
angiotensin converting enzyme activity in
patients with newly diagnosed sarcoidosis,
(Radiology), 152: 839, 1984
Derks WH]; de Hooge P; van Linge B;
ultrasonographic detection of the patellar plica
in the knee, (JCU), 14: 355, 1986

Derks FHM See Wenting GJ

Dernevik L; Brolin I; Larsson S; et al: shrinking pleuritis with atelectasis: specificity of abnormalities present at conventional radiography of the lung, (Radiology), 159: 286, 1994

De Roo M See Van de Vyver FL
de Roos A; Hermans j; Op den Orth JO: polypoid
lesions of the sigmoid colon: a comparison of
single-contrast, double-contrast, and biphasic
examination, (Radiology), 151: 597, 1984
de Roos A; Hermans J; Shaw PC; Kroon HM: colon
polyps and carcinomas: prospective comparison
of the single- and double-contrast examination
in the same patients, (Radiology), 154: 11, 1985
de Roos A; van Persijn van Meerten Els L; Bloem
JL; et al: MRI of tuberculous spondyllist, (AJR),
147: 79, 1986

147: 79, 1986
Derrig P, O'Connor L; Brammer HM; et al:
glioblastoma multiforme masquerading as a
more benign process, (AJNR), 7: 166, 1986
Dershaw DD: male mammography, (AJR), 146: 127,

Dershaw DD; Malik S: stationary and moving

mammography grids: comparative radiation dose, (AJR), 147: 491, 1986

Dershaw DD; Masterson ME; Malik S; Cruz NM: mammography using an ultrahigh-strip-density, stationary, focused grid, (Radiology), 156: 541, 1005

Derugin N See McNamara MT Derugin N See Tscholakoff D

de Ruiz M; Potter JL; Stavinoha J; et al: real-time ultrasound diagnosis of cardiac fibroma in a neonate, (J Ultrasound Med), 4: 367, 1985

neonate, (J Ultrasound Med), 4: 367, 1985
Dervan P See O'Brien TM
Dery R See Lewandowski BJ
Dery R; Lewandowski B, Richard L: real-time
sonographic diagnosis of a carcinoma in a renal
cyst, (Radiology), 156: 282, 1985
Dery R; Lipton MJ; Garrett JS; et al: cine-computed
tomography of arrhythmogenic right
ventricular dysplasia, (JCAT), 10: 120, 1986
Desai A; Intenzo C: "tourniquet effect"
(Radiology), 154: 862, 1985
Desai AG See Intenzo CM
Desai AG; Thakur ML: radiopharmaceuticals for
spleen and bone marrow studies, (Semin Nucl
Med), 15: 229, 1985
Desai S Ge Gutierrez OH

Desai S See Gutierrez OH
Desai S See Johnson MA
de Santis M See Crisi G
DeSanto LW See Olsen KD

de Santos LA; Edeiken BS: subtle early osteosarcoma, (Radiology), 157: 566, 1985 Desbleds MT See Musset D

Descalzi M See Cos LR Deschamps JP See Didier D
De Schepper AMAP See Stadnik TW
Deshayes J-L See Fornage BD
Deshmukh SM See Rosen RA Deshon GE Jr See Benson KH de Silva M See Berdon WE

deSilva M See Lam AH DeSimeone D See Gomori JM

DeSimone D See Hackney DB
DeSimone G See De Maria M
Deslauriers R See Butler KW
de Slegte RGM See Treu EBWM

De Smet AA See Jamieson TW De Smet AA See Levine E

De Smet AA: exevine E

De Smet AA: meniscal tears on knee arthrography:
patterns of arthrographic abnormalities,
(Radiology), 159: 572, 1986

De Smet AA; Levine E; Neff JR: tumor involvement
of peripheral joints other than the knee:
arthrographic evaluation, (Radiology), 156: 597,
1985

De Smet AA: Mahmood T: Robinson RG: et al: elevated sacroiliac joint uptake ratios in systemic lupus erythematosus, (AJR), **143**: 351, 1984

De Smet AA; Neff JR: pubic and sacral insufficiency fractures: clinical course and radiologic findings, (AJR), 145: 601, 1985

DeSmet AA, Reckling FW, McNamara GR: radiographic classification of ankle injuries, (Radiology), 150: 856, 1984 Desmet VJ See Marchal GJF

Desnick RI See Hermann G

Desnick RJ See Hermann G
 De Somer Fm; Auman JL; Baert AL; et al: results of intravenous digital subtraction angiography (IVDSA) as a screening method for renovascular hypertension, (Radiology), 155: 548, 1985
 De Spiegeleer B; Slegers G; Vandecasteele C; et al: microscale synthesis of nitrogen-13-labeled cisplatin, (J Nucl Med), 27: 399, 1986

cisplatin, (J Nucl Med), 27: 399, 1986
Desprez-Curely JP See Auclerc M-F
Desroches G; Abrams GW; Gass JDM: reactive lymphoid hyperplasia of the uvea: a case with ultrasonographic and computed tomographic studies, (Radiology), 151: 826, 1984

Destee A See Steinling M de Stefano G See Giorgio A Destouet JM See Chang AC Destouet JM See Conway WF Destouet IM See Gilula LA Destouet JM See Monsees B Destouet JM See Murphy WA Destouet JM See Rockwell WB Destouet JM See Teng MMH Desuzinges C See Espinasse F Deter RL See Hadlock FP

Deter RL See Warda A Deter RL; Harrist RB; Hadlock FP; et al:

Deter RL; Harrist RB; Hadlock FP; et al: longitudinal studies of fetal growth using volume parameters determined with ultrasound, (Radiology), 155: 862, 1985 Deter RL; Warda A; Rossavik IK; et al: fetal thigh circumference: critical evaluation of its relationship to menstrual age, (JCU), 14: 105, 1986

Deterling RA See Farber SP
Dethlefsen LA; Biaglow JE; Peck VM; et al: toxic
effects of extended glutathione depletion by
buthionine sulfoximine on murine mammary
carcinoma cells, (Int J Radiat Oncol Biol Phys),
12: 1157, 1986

Detrano R See Bellamy GR

Detrano R See Bellamy G.K.
Detrano R, MacIntyre WJ; Salcedo EE;
O'Donnell JA; Underwood DA;
Simpfendorfer C; Go RT; Jones H; Butters K;
Leatherman J: videodensitometric ejection
fractions from intravenous digital subtraction
left ventriculograms: correlation with
conventional direct contrast and radionuclide ventriculography, (Radiology), 155: 19, 1985 Detrano R; Moodie DS; Gill CC; et al: intravenous

digital subtraction aortography in the preoperative and postoperative evaluation of Marfan's aortic disease, (Radiology), **158**: 573,

Detrano R; Salcedo EE; Hobbs RE; et al: cardiac cinefluoroscopy as an inexpensive aid in the diagnosis of coronary artery disease, (Radiology), **161**: 860, 1986

Detraux P; Benmussa M; Tristant H; Garel L: breast disease in the male: galactographic evaluation, (Radiology), 154: 605, 1985

Detsky AS See Salit IE Deutsch AL See Kortman KE Deutsch AL See Resnik CS

Deutsch AL See Resnik CS

Deutsch AL; Hyde J; Miller SM; et al: cystic
adventitial degeneration of the popliteal artery:
CT demonstration and directed percutaneous
therapy, (AJR), 145: 117, 1985

Deutsch AL; Resnick D; Mink JH; Berman JL; Cone
RO III; Resnik CS; Danzig L; Guerra J Jr:
computed and conventional arthrotomography
of the glenohumeral join: normal anatomy and
clinical experience, (Radiology), 153: 603, 1984

Deutsch AM See Schatz SL

Deutsch EC; Schild JA: Mafee ME; dysphagia and

Deutsch EC; Schild JA; Mafee MF: dysphagia and Forestier's disease, (Radiology), 159: 574, 1986

Deutsch M See Fisher B Deutsch M See Mittal BB Deutsch M See Slasky BS Devars du Mayne JF See Chagnon JP Devasthali R See Naseem M Devaud MC See Marincek B Deveney C See Gooding GAW Deveney CW See Stark DD

Deveney K See McCarthy SM Devereux DF See Lee VW

Devereux RB; Alonso DR; Lutas EM; et al: echocardiographic assessment of left ventricular hypertrophy: comparison to necropsy findings, (Radiology), 160: 859, 1986

Devi PU See Gupta R

De Villiers PD; Snyman PJNH; Van Rensburg MNJ; et al: iopamidol for myelography—practical implications, (Radiology), 156: 278, 1985

De Villiers SJ See Olivier LR Devineni VR See Glazer HS

de Visser M; Verbeeten B Jr; Lyppens KCH: pseudohypertrophy of the calf following S1 radiculopathy, (Neuroradiol), 28: 279, 1986

DeVita VT; Lippman M; Hubbard SM; et al: effect of combined modality therapy on local control and survival, (Int J Radiat Oncol Biol Phys), 12:

DeVito PD See Hensinger RN
Devitt JE: benign disorders of the breast in older women, (Radiology), 160: 857, 1986
Devkota UP See Kohi YM

Devlin VJ See Powers TA

DeVore GR See Boucher M

DeVore GR: fetal echocardiography—the challer of the 1980s, (Semin US CT MR), 5: 229, 1984

DeVore GR; Platt LD: random measurement of the transverse diameter of the fetal heart: potential source of error, (J Ultrasound Med), 4: 335, 1985

source of error, (J Ultrasound Med), 4: 335, 1985
DeVore GR; Platt LD: ultrasound appearance of
particulate matter in amniotic cavity: vernix or
meconium?, (JCU), 14: 229, 1986
DeVore GR; Sarti DA; Siassi B; et al: prenatal
diagnosis of cardiovascular malformations in
the fetus with situs inversus viscerum during
the second trimester of pregnancy, (JCU), 14;
454 1086

494, 1986

DeVore GR; Siassi B; Platt LD: use of the abdominal circumference as a means of assessing M-mode ventricular dimensions during the second and third trimesters of pregnancy in the normal human fetus, (J Ultrasound Med), 4: 175, 1985

Devos P See Van de Vyver FL DeVries D See Silberstein EB

De Vries L See Levene MI

De Vries L See Levene MI

De Vries L; Levene MI: measurement of renal size in preterm and term infants by real-time ultrasound. (Radiology), 150: 613. 1984

De Vries LS; Regev R; Dubowitz LMS: late onset cystic leucomalacia, (Radiology), 161: 864, 1986

de Vries N; Miller FJ; Wojtowycz MM; Brown PR; Yandow DR; Nelson JA; Kruger RA: tomographic digital subtraction angiography: initial clinical studies using tomosynthesis. work in progress, (Radiology), 157: 239, 1985

De Vuyst P; Vande Weyer R; De Coster A; et al: dental technician's pneumoconiosis: report of two cases, (Radiology), 160: 283, 1986

de Waal BJ See Simonsz HJ

de Waal BJ See Simonsz HJ Dewanjee MK See Jack CR Jr

Dewanjee MK: cardiac and vascular imaging with labeled platelets and leukocytes, (Semin Nucl Med), 14: 154, 1984

Dewbury K See Whorwell PA

Dewbury KC See Guyer PB

Dewbury KC; Smith CL: misdiagnosis of common bile duct stones with ultrasound, (Radiology), 152: 266, 1984

DeWeese R See Maglinte DDT

De-wen G; Mei-lin L; Zhen-qiong G; et al: double-outlet right ventricle. a clinical-roentgenologic-pathologic study of 28 consecutive patients, (Radiology), 153: 845, 1984

DeWet JJ; Smith BJ: role of ultrasound in the management of cervical carcinoma, (Radiology), 152: 267, 1984

Dewey WC See Sapareto SA

Dewit L; van der Schueren E; Ang KK; et al: low grade astrocytoma in children treated by surgery and radiation therapy, (Radiology), 155: 553, 1985

**DeWitt ID See Osborn RE** 

De Witt LD; Buonanno FS; Kistler JP; et al: central pontine myelinolysis: demonstration by nuclear magnetic resonance, (Radiology), 154: 563, 1985

DeWyngaert JK; Siddon RL; Bjarngard BE: scatter dose summation for irregular fields: speed and accuracy study, (Int J Radiat Oncol Biol Phys), 12: 839, 1986

Dev HM; Karimeddini MK; Ciesielski TE; et al: radiogallium hot spleen in Trousseau's syndrome with splenic vein occlusion, (Clin Nucl Med), 11: 640, 1986

Dhekne RD See Barron BJ Dhillon DP See Thompson PJ Dhobb OH See Zakari S Dhurandhar RW See Manga P Diaconis JN See Mirvis SE

Diakoumakis EE See Weinberg B

Diakoumakis EE; Weinberg B; Mollin J: prenatal sonographic diagnosis of suprasellar arachnoid cyst, (J Ultrasound Med), 5: 529, 1986

cyst, (J Ultrasound Med), 5: 529, 1986 Diakoumakis EE; Weinberg B; Seife B; et al: infantile hemangioendothelioma of the liver, (JCU), 14: 137, 1986 Diament M See Curry NS

Diament MJ See Kangarloo H Diament MJ See Stanley P
Diament MJ; Boechat MI; Kangarloo H:
interventional radiology in infants and
children: clinical and technical aspects,
(Radiology), 154: 359, 1985

Diament MJ; Fine RN; Ehrlich R; et al: fetal hydronephrosis: problems in diagnosis and management, (Radiology), 152: 268, 1984

Diament MJ; Stanley P; Kangarloo H; et al: percutaneous aspiration and catheter drainage of abscesses, (Radiology), 160: 575, 1986 Diamond AB See Applbaum YN

Diamond E: manual of diagnostic imaging: clinician's guide to clinical problem solving, (Radiology), 157: 18, 1985 Diamond JN See Zwerling HK

Diamond NG See Sherry CS
Diankov L; Velitschkov L; Petkov D; et al: value of computed tomography for the diagnosis of diabetic osteoarthropathy, (Radiology), 152: 862,

Dias MHM; Lauterbur PC: ferromagnetic particles as contrast agents for magnetic resonance imaging of liver and spleen, (Magn Res Med), 3: 328, 1986

DiBartolomeo JR: petrified auricle: comments on ossification, calcification and exostoses of the external ear, (Radiology), 159: 287, 1986

Dibie C See Mathieu D

Di Candio G; Campatelli A; Mosca F; et al: ultrasound detection of unusual spontaneous portosystemic shunts associated with uncomplicated portal hypertension, (J Ultrasound Med), 4: 297, 1985

Outrasound Meal, 4: 297, 1985

DiCandio G; Mosca F; Campatelli A; et al:
sonographic detection of postsurgical
recurrence of Crohn disease, (AJR), 146: 523,
1986

DiCapo RD See Cloogman HM Di Chiro G See Bairamian D

Di Chiro G See Doppman JL Di Chiro G See Finn EJ Di Chiro G See Ito M

Di Chiro G See Larson SM Di Chiro G See Pastakia B

Di Chiro G; Brooks RA; Girton ME; et al: sequential MR studies of intracerebral hematomas in monkeys, (AJNR), 7: 193, 1986

monkeys, (AJNR), 7: 193, 1986
Di Chiro G; Doppman JL; Dwyer AJ; Patronas NJ;
Knop RH; Bairamian D; Vermess M;
Oldfield EH: tumors and arteriovenous
malformations of the spinal cord: assessment
using MR, (Radiology), 156: 689, 1985
Di Chiro G; Girton ME; Frank JA; Dietz MJ;
Gansow OA; Wright DC; Dwyer AJ:
cerebrospinal fluid rhinorrhea: depiction with
MR cisternography in dogs, (Radiology), 160:
221, 1986
Di Chiro G: Knop RH; Girton ME; Dwyer AJ:

Di Chiro G; Knop RH; Girton ME; Dwyer AJ; Doppman JL; Patronas NJ; Gansow OA; Brechbiel MW; Brooks RA: MR cisternography and myelography with Gd-DTPA in monkeys, (Radiology), 157: 373, 1985 Dickenson T See Dobkin JF

Dicker D See Samuel N Dickerhoff R See Schneider K

Dickhaus AJ See McNeely GF Dickinson RJ See Dunlop PRC

Dickinson RJ; Hall AS; Hind AJ; et al measurement of changes in tissue temperature using MR imaging, (JCAT), 10: 468, 1986 Dickmann E See Uhlenbrock D

Dickson RI; Flores AD: nasopharyngeal carcinoma: evaluation of 134 patients treated between 1971–1980, (Radiology), 158: 861, 1986 Di Comun M See Fabris D

Didier D See von Schulthess GK

Didier D: congenital heart disease: gated MR imaging in 72 patients: reply, (Radiology), 161: 278, 1986

Didier D; Deschamps JP; Rohmer P; et al: evaluation of the pancreatic duct: a reappraisal based on a retrospective correlative study by sonography and pancreatography in 117 norm and pathologic subjects, (Radiology), 152: 266, 1984

Didier D; Higgins CB: estimation of pulmonary vascular resistance by MRI in patients with congenital cardiovascular shunt lesions, (AJR), 146: 919, 1986

Didier D; Higgins CB; Fisher MR; Osaki L; Silverman NH; Cheitlin MD: congenital heart disease: gated MR imaging in 72 patients, (Radiology), 158: 227, 1986

6

Didier D; Weiler S; Rohmer P; Lassegue A; Deschamps JP; Vuitton D; Miguet JP; Weill F: hepatic alveolar echinococcosis correlative US and CT study, (Radiology), 154: 179, 1985

Di Donna A, Rizzatto G: pyocele of the scrotum: sonographic demonstration of fluid-fluid level and a gas-forming component, (J Ultrasound Med.) 5: 99, 1986

Med), 5: 99, 1986

Diebler C; Dulac O: cephaloceles: clinical and neuroradiological appearance. associated cerebral malformations, (Radiology), 151: 825,

1984
Diebler C; Ponset G: hamartomas of the tuber cinereum, (Radiology), 151: 266, 1984
Diebold MD See Amico S
Diedon JD See Wolfe RD
Diehl J See Maravilla KR
Dieppe P See Hamilton-Wood C
Diebler M See Hamilton-Wood C

Dierks PR; Moore PT: scrotal lymphocele: complication of renal transplant surgery, (J Ultrasound Med), 4: 91, 1985

Dieschbourg JJ See Smith C Dietemann JL See Babin E

Dietemann JL: Portha C; Cattin F; et al: CT follow-up of microprolactinomas during bromocriptine-induced pregnancy, (Radiology), 151: 271, 1984

151: 271, 1984
Diethelm E See Soto B
Diethelm E; Soto B; Nath PH; Bargeron LM Jr;
Kirklin JK; Dulmonary vascularity in patients
with pulmonary atresia and ventricular septal
defect, (Radiographics), 5: 243, 1985
Dietrich RB See Kangarloo H
Dietrich RB See Lufkin RB

Dietrich RB; Kangarloo H: kidneys in infants and children: evaluation with MR, (Radiology), 159:

215, 1986 Dietrich RB; Kangarloo H: retroperitoneal mass with intradural extension: value of magnetic resonance imaging in neuroblastoma, (AJR), 146: 251 1084 146: 251 1986

Dietrich RB; Lufkin RB; Kangarloo H; Hanafee WN; Wilson GH: head and neck MR imaging in the pediatric patient, (Radiology), 159: 769, 1986

Dietz FR See El-Khoury GY
Dietz FR See El-Khoury GY
Dietz GW; Wilcox DM; Montgomery JB: Segond
tibial condyle fracture: lateral capsular ligament
avulsion, (Radiology), 159: 467, 1986
Dietz K See Tenner R

Dietz MJ See Di Chiro G Dieumegarde M See Peters TM Diggs J See Winfield AC

Diggs J; Price AC; Burt AM; et al: early changes in experimental hydrocephalus, (Invest Radiol), 21: 118, 1986 Di Giuliomaria C See D'Alessio T

Diksic M See Tyler JL Dileo LA See Borten M Dillehay DL See McVeigh MC Dillehay GL See Spies WG Dilley RS See Bendick PJ Dillman JB See Halpern SE Dillman RO See Hagan PL Dillman RO See Halpern SE Dillon EC See Levine MS Dillon JC See Chazal RA Dillon W See Brant-Zawadzki M Dillon W See Kalovidouris A Dillon WA See Kipper SL Dillon WP See Gooding GAW Dillon WP See Harnsberger HR Dillon WP See Jackler RK Dillon WP See Kelly WM

Dillon WP: applications of magnetic resonance imaging to the head and neck, (Semin US CT MR), 7: 202, 1986

Dillon WP: magnetic resonance imaging of head and neck tumors, (Cardiovasc Intervent Radiol), 8: 275, 1986

Dillon WP; Brant-Zawadzki M; Sherry RG: transient computed tomographic abnormalities after focal seizures, (AJNR), 5: 107, 1984

Dillon WP; Kaseff LG; Knackstedt VE; et al: computed tomography and differential diagnosis of the extruded lumbar disc,

diagnosis of the extruded lumbar disc, (Radiology), 152: 860, 1984 Dillon WP; Mills CM; Kjos BO; DeGroot J; Brant-Zawadzki M: magnetic resonance imaging of the nasopharynx, (Radiology), 152: 731, 1984 Dilworth LR See Buckwalter KA

DiMarco PL; Sheinfeld J; Gutierrez OH; et al: direct fibrinolytic therapy for renal vein thrombosis: radiographic follow-up, (Radiology), 156: 272, Dimery I See Lee Y-Y

Dimitrieva Z See Phillips G Dina TS See Pennisi AK Dinari G See Libson E Dines KA See Brink IA Dinkel E See Dittrich M Dinkel E See Peters H Dinkel E See Roeren T Dinkel E See Wenz W

Dinkel E; Dittrich M; Peters H; et al: real-time ultrasound in Crohn's disease: characteristic features and clinical implications, (Pediatr Radiol), **16**: 8, 1986

Dinkel E; Orth S; Dittrich M; et al: renal sonography in the differentiation of upper from lower urinary tract infection, (AJR), 146: 775,

Dinkel E; Peters H; Dittrich M: sonographic diagnosis of urinary tract obstruction i childhood, (Radiology), 152: 255, 1984 Dinnetz G See Nyman U

Dinsmore RE See Edelman RR

Dinsmore RE See Edelman NR
Dinsmore RE See Miller SW
Dinsmore RE See Stratemeier EJ
Dinsmore RE; Lees RS; vascular calcification in
types II and IV hyperlipoproteinemia:
radiographic appearance and clinical
significance, (AJR), 144: 895, 1985

Dinsmore RE; Liberthson RR; Wismer GL; et al: magnetic resonance imaging of thoracic aorti aneurysms: comparison with other imaging methods, (AJR), 146: 309, 1986

Dinsmore RE; Wedeen VJ; Miller SW; et al: MRI of dissection of the aorta: recognition of the intimal tear and differential flow velocities, (AJR), 146: 1286, 1986

(AJR), 146: 1286, 1986

Dinsmore RE; Wismer GL; Guyer D; et al: magnetic resonance imaging of the interatrial septum and atrial septal defects, (AJR), 145: 697, 1985

Dinsmore RE; Wismer GL; Levine RA; et al: magnetic resonance imaging of the heart: positioning and gradient angle selection for optimal imaging planes, (AJR), 143: 1135, 1984

Dinsmore RE; Wismer GL; Miller SW; et al: magnetic resonance imaging of the heart using

magnetic resonance imaging of the heart using image planes oriented to cardiac axes: experience with 100 cases, (AJR), 145: 1177, 1985

Dion G See Brown BM Dion JE; Fox AJ; Pelz D; et al: CT demonstration of

Dion JE, Fox AJ; Pelz D; et al: CT demonstration of hemiatrophy and falty replacement of the tongue, (Radiology), 157: 858, 1985Dion JE; Rankin RN; Vinuela F; Fox AJ; Wallace AC; Mervart M: dextran microsphere embolization: experimental and clinical experience with radiologic-pathologic correlation. work in progress, (Radiology), 160: 717, 1986. 717, 1986

DiPietro M See Rosenfield NS DiPietro MA See Bland PH DiPietro MA See Blane CE DiPietro MA See Bowerman RA DiPietro MA See Rubin JM DiPietro MA; Brody BA; Kuban K; et al: schizencephaly: rare cerebral malformation demonstrated by sonography, (AJNR), 5: 196,

DiPalma IA See Girard CM

1984 DiPietro MA; Brody BA; Teele RL: calcar avis: demonstration with cranial US, (Radiology), 156: 363, 1985

DiPietro MA; Brody BA; Teele RL: peritrigonal echogenic "blush" on cranial sonography: pathologic correlates, (AJNR), 7: 305, 1986

DiPietro MA; Faix RG; Donn SM: procedural hazards of neonatal ultrasonography, (JCU), 14: 361 1986

DiRaimondo CR See Casey TT Diren HB; Kutluk MT; Karabent A; et al: primary hypertrophic osteoarthropathy, (Pediatr Radiol), 16: 231, 1986

Dirheimer Y; Bensimon C; Christmann D; et al: syndesmo-odontoid joint and calcium pyrophosphate dihydrate deposition disease (CPPD), (Radiology), 152: 260, 1984

Di Ruggiero JM See Dobois JB DiSantis DJ See Weinstein JB Disantis DJ See Zerhouni EA

DiSantis DJ: early American radiology: pioneer years, (AJR), 147: 850, 1986

years, (AJK), 147: 830, 1986
DiSantis DJ; Balfe DM; Hayden RE; Sagel SS;
Sessions D; Lee JKT: neck after total
laryngectomy: CT study, (Radiology), 153: 713,
1984

DiSantis DJ; Balfe DM; Hayden RE; Sessions D; Sagel SS: neck after vertical hemilaryngectomy: computed tomographic study, (Radiology), 151: 683, 1984

Disbro MA See Cook PS

Disbro MA See Cook FS

Disbro MA; Harnsberger HR; Osborn AG: peripheral facial nerve dysfunction: CT evaluation, (Radiology), 155: 659, 1985

Dische S See Saunders MI

Dische 5; Saunders MI; Dunphy EP; et al: concentrations achieved in human tumors after administration of misonidazole, SR-2508 and RO 13-8799, (Int J Radiat Oncol Biol Phys), 12:

Di Segni E; Einzig S; Bass JL; et al: congenital absence of pulmonary valve associated with tetralogy of Fallot: diagnosis by 2-dimensional echocardiography, (Radiology), 151: 557, 1984 DiSessa TG See Engle SJ

DiSessa TG See Hiraishi S Disessa TG See Hiraishi S
Di Sessa TG See Lin AE
Distante A See Picano E
Ditschuneit H See Swobodnik WL
Dittrich M See Dinkel E
Dittrich M See Doehring E
Dittrich M See Peters H
Dittrich M; Dinkel E; Peters H: central nervous

Dittrich M; Dinkel E; Peters H: central nervous system sonography in neonates and infants, (Radiology), 152: 253, 1984

Dittrich M; Doehring E: ultrasonographical aspects of urinary schistosomiasis: assessment of morphological lesions in the upper and lower urinary tract, (Pediatr Radiol), 16: 225, 1986

Divon M See Westgren M

Divon MY; Chamberlain PF; Sipos L; et al: underestimation of fetal weight in premature rupture of membranes, (J Ultrasound Med), 3: 529, 1984

Dixon AK See Robbe IJ

Dixon AK: who has most epidural fat? information from computed tomography, (Br J Radiol), 59: 475, 1986

475, 1986
Dixon GD: accessory muscles of the lower calf,
(Radiology), 152: 539, 1984
Dixon GD; Anderson 5; Crouch TT: renal arterial
rupture secondary to percutaneous transluminal
angioplasty treated without surgical
intervention, (Cardiovasc Intervent Radiol), 9:
83, 1986

Dixon CD; Farthing DG; Longson F: double-coated medical tape modification of finger trap method for anchoring drainage catheters to the skin, (Cardiovasc Intervent Radiol), 9: 113, 1986

Dixon GF; Donnerberg RL; Schonfeld SA; et al: clinical commentary. advances in the diagnosis and treatment of broncholithiasis, (Radiology), 154: 269, 1985

ana treatment of broncholithiasis, (Radiology)
154: 269, 1985
Dixon SM See Martin-Paredero V
Dixon WT See Heiken JP
Dixon WT See Heiken JP
Dixon WT: See Heiken JP
Dixon WT: Simple proton spectroscopic imaging,
(Radiology), 153: 189, 1984
Dixon WT; Du LN; Faul DD; et al: projection
angiograms of blood labeled by adiabatic fast
passage, (Magn Res Med), 3: 454, 1986
Dixon WT; Lee JKT: separate water and fat MR
images: reply, (Radiology), 157: 552, 1985
Dixon-Brown A See Welsh AD
Djalaly A See Kramer PH
Djang WT; Young SW; Castellino RA; et al:

Djang WT See Gamba JL
Djang WT; Young SW; Castellino RA; et al:
computed tomography of the liver: evaluating
focal defects on radionuclide liver-spleen scans
(A]R), 142: 937, 1984
Djurisic Z See Babic UU
Dmuchowski C See Beierwaltes WH
Dmuchowski C See Arnstein NB
Dobalian DM See Ralls PW
Dobben GD See Rothman SLG
Dobben GD See Valvassori GE
Dobben GD: improved reconstructed CT images of

Dobben GD: improved reconstructed CT images of the spine, (Radiology), 150: 866, 1984 Dobbins J See Zeman KK Dobbins JT III See Hasegawa BH

Dobbs HJ; Parker RP: respective roles of the simulator and computed tomography in radiotherapy planning: a review, (Radiology), 156: 288, 1985

Dobkin JF; Healton EB; Dickenson T; et al: nonspecificity of ring enhancement in "medically cured" brain abscess, (Radiology), 153- 276 1984 Dobois JB; Guerrier B; Di Ruggiero JM;

Pourquier H: cancer of the piriform sinus: reatment by radiation therapy alone and with surgery, (Radiology), 166: 831, 1986 Dobranowski J; Somers S; Pirani M: adult polycystic horseshoe kidney, (J Canad Assoc Radiol), 37: 208, 1986 Debrinski W Son Kramer H

Dobrinski W See Kremer H

Dobson PP See Kinsella TJ
Doby T: tribute to Sven-Ivar Seldinger, (AJR), 142: 1,
1984

Dobyns WB; McCluggage CW: computed tomographic appearance of lissencephaly syndromes, (AJNR), 6: 545, 1985 Dociu N See Weber J Docken WP See Hall FM

Docken WP See Hall FM
Doca! T; Ambrose J; O'Laoire S: significance of
contrast enhancement in cranial computerized
tomography after subarachnoid hemorrhage,
(Radiology), 153: 276, 1984
Dodd D See Farman AG

Dodd GD: radiologic features of multiple endocrine neoplasia types IIa and IIb, (Semin Roentgenol), 20: 64, 1985

Dodd GD: radiology and the marketplace, (AJR), 145: 1120, 1985

Dodds WJ See Vazquez JL Dodds WJ; Foley WD; Lawson TL; et al: anatomy and imaging of the lesser peritoneal sac, (AJR), 144: 567, 1985

Dodds WJ; Groh WJ; Darweesh RMA; et al: sonographic measurement of gallbladde volume, (AJR), 145: 1009, 1985

Dodds WJ; Stewart ET; Kishk SM; et al: radiologic amyl nitrite test for distinguishing pseudoachalasia from idiopathic achalasia, (AIR), 146; 21, 1986

Odds WJ; Wilson SD; Thorsen MK; et al: MEN I syndrome and islet cell lesions of the pancreas, (Semin Roentgenol), 20: 17, 1985 Dodo Y See Nishimura K

Lodo 1 See Nishimura K
Doehring E See Dittrich M
Doehring E; Reider F; Dittrich M; et al:
ultrasonographic findings in the livers of
patients with lepromatous leprosy, (JCU), 14:
179, 1986

179, 1986
Doering PR See Jackson VP
Dohan FC Jr See Clark WC
Dohan FC Jr See Hernanz-Schulman M
Doherty MA; Rodger A; Langlands AO: sarcoma of
bone following therapeutic irradiation for
breast carcinoma, (Int J Radiat Oncol Biol Phys),
12: 103, 1986

Doherty P See Raptopoulos V
Dohring W See Daniel WG
Dohring W See Frohlich H
Dohrmann GJ See Rubin JM
Dohrmann GJ See St. Amour TE
Doi K See Chan H-P Doi K See Fujita H Doi K See Ishida M

Doi K See Kodera Y

DOI K 5ee MacMahon H
DOI K; Fujita H; Ohara K; Ono K; Matsui H;
Giger Mt, Chan H-P; digital radiographic
imaging system with multiple-slit scanning xray beam: preliminary report, (Radiology), 161:
513, 1986

Doig CM See Shawis RN Dokiva T See Kondo M Dolan E See Khoury MB

Dolan E See Khoury MB Dolan K; Jacoby C; Smoker W; radiology of facial fractures, (Radiographics), 4: 575, 1984 Dolanc B See Remagen W Dolinskas CA: anomalies of the central nervous system: neuroradiology and neurosurgery, (Radiographics), 5: 327, 1985

Dolinskas CA; Simeone FA: transsphenoidal hypophysectomy: postsurgical CT findings, (AJNR), 6: 45, 1985

(A|NR), 6: 45, 1985

Doliwa R See Kirsch C-M

Dominguez R See Gaisie G

Dominguez R See Heller RM

Dominguez R See Heller RM

Dominguez R; Rivero H; Gaisie G; Talmachoff P;

Amortegui A; Young LW: neonatal herpes
simplex pneumonia: radiographic findings,
(Radiology), 153: 395, 1984

Dominguez R; Young LW; Ledesma-Medina J;

Cienfuegos J; Gartner JC; Bron KM; Starzl TE:
pediatric liver transplantation, part II.

diagnostic imaging in postoperative
management. (Radiology), 157: 339, 1985

Domstad PA See Shih W-J

Don C; Hammond DI: vascular converging points o

Don C; Hammond DI: vascular converging points of the right pulmonary hilus and their diagnostic significance, (Radiology), 155: 295, 1985

Donald PJ See Chole RA
Donald PJ; Chole RA: transcervical transmastoid

approach to lesions of the jugular bulb. (Radiology), 154: 278, 1985 Donald PR; Ball JB; Burger PJ: bacteriologically

confirmed pulmonary tuberculosis in childhood. clinical and radiological features, (Radiology). **157:** 852, 1985

(Radiology). 157: 852, 1985

Donaldson JS See Gilsanz V

Donaldson JS; Gilsanz V: CT findings in rectal cuff abscess following surgery for Hirschsprung disease. (JCAT). 16: 151, 1986

Donaldson JS; Gilsanz V; Gonzalez G; et al: tall vertebra at birth: radiographic finding in flaccid infants, (AJR), 145: 1293, 1985

Donaldson JS; Gilsanz V; Miller JH: CT scanning in patients with opsomyoclonus: importance of nonenhanced scan. (AJR), 146: 781, 1986

Donaldson SS See Faiardo LF

Donaldson SS See Fajardo LF Donati RM See Lin MS Dondi C See Zoli M Done S See Cleveland RH Donegan O See Astor FC Donn SM See Bowerman RA Donn SM See DiPietro MA

Donn SM; Bowerman RA: unilateral germinal matrix hemorrhage in the newborn, (J Ultrasound Med), 4: 251, 1985

Donnal JF See Sussman SK Donner MW: klinische gastroenterologie (clinical gastroenterology). 2d ed. 2 vols., (Radiology), 161: 132, 1986

161: 132, 1986

Donner MW: radiologic evaluation of swallowing, (Radiology), 157: 279, 1985

Donner RM See Soulen RL

Donnerberg RL See Dixon GF

Donofrio NM Jr; Hansen JA; Hirsh JH; et al: investigating the efficacy of current quality assurance performance tests in diagnostic ultrasound, (Radiology), 154: 861, 1985

Donoghue V; Daneman A; Krajbich I; et al: CT appearance of sacroiliac joint trauma in children, (JCAT), 9: 352, 1985

oghue V; Daneman A; Mancer K; et al: CT features of reactive periosititis in the humerus: lesion resembling myositis ossificans, (JCAT), 9:

Donohue RE See Dennis MA Donoso L See Gomez A Donovan DT See Shoss SM

Donovan DT See Shoss SM
Donovan J See Smith SJ
Donovan J See Smith SJ
Donovan PJ See Scatarige JC
Dooley CP; Mello WD; Valenzuela JE: effects of
aspirin and prostaglandin E<sub>2</sub> on interdigestive
motility complex and duodenogastric reflux in
man, (Radiology), 1585: 568, 1986
Dooley MC See Stuckman ML
Dooms GC See Hricak H
Dooms GC See Kucharczyk W
Dooms GC; Fisher MR; Higgins CB; Hricak H;
Goldberg HJ; Margulis AR: MR imaging of the
dilated biliary tract, (Radiology), 158: 337, 1986
Dooms GC; Fisher MR; Hricak H; et al: MR imaging
of intramuscular hemorrhage, (JCAT), 9: 908,
1985
Dooms GC; Fisher MR; Hricak H; Richardson M;

1985
Dooms GC; Fisher MR; Hricak H; Richardson M;
Crooks LE; Genant HK: bone marrow imaging:
magnetic resonance studies related to age and
sex. (Radiology), 155: 429, 1985
Dooms GC; Hecht S; Brant-Zawadzki M;
Berthiaume Y; Norman D; Newton TH: brain
radiation lesions: MR imaging, (Radiology), 158:
149, 1986

Dooms GC; Higgins CB: MR imaging of cardiac thrombi, (JCAT), 10: 415, 1986

Dooms GC; Hricak H; Crooks LE; Higgins CB:

magnetic resonance imaging of the lymph nodes: comparison with CT, (Radiology), 153: 719, 1984

719, 1984
Dooms GC; Hricak H; Margulis AR; de Geer G; MR imaging of fat, (Radiology), 158: 51, 1986
Dooms GC; Hricak H; Moseley ME; Bottles K; Fisher MR; Higgins CB: characterization of lymphadenopathy by magnetic resonance relaxation times: preliminary results, (Radiology), 155: 691, 1985

Dooms GC, Hricak H; Sollitto RA; Higgins CB: lipomatous tumors and tumors with fatty component: MR imaging potential and comparison of MR and CT results, (Radiology), 157: 479, 1985

Dooms GC; Hricak H; Tscholakoff D: adnexal structures: MR imaging, (Radiology), 158: 639,

Dooms GC; Kerlan RK Jr; Hricak H; Wall SD; Margulis AR: cholangiocarcinoma: imagin MR, (Radiology), 159: 89, 1986

Dooms GC; Uske A; Berthiaume Y: MR imaging of extracranial hematomas: comparison with CT, (Eur J Radiol), 6: 30, 1986

oms GC; Uske A; Brant-Zawadzki M; et al: spin-echo MR imaging of intracranial hemorrhage, (Neuroradiol), 28: 132, 1986

ornbos J See Bloem HL Doornbos J See Bloem JL Doornbos J See Castelijns JA Doornbos J See Guit GL

Doornbos J See Guit GL
Doornbos J See Kieft GJ
Doornbos J; Grimbergen HAA; Booijen PE; et al:
application of anatomically shaped surface coils
in MRI at 0.5 T, (Magn Res Med), 3: 270, 1986
Doos WG See Spechler SJ
Doos WG See Spechler SJ
Doopman JL See Di Chiro G
Doppman JL See Di Chiro G
Doppman JL See Fink IJ
Doppman JL See Fink IJ
Doppman JL See Kirdy AG Doppman JL See Fink IJ
Doppman JL See Krudy AG
Doppman JL See Miller DL
Doppman JL See Reinig JW
Doppman JL See Rienmuller R

Doppman JL See Sugarbaker PH
Doppman JL: establishing efficacy through
consensus conferences, (Radiology), 161: 566,

1986

Doppman JL: multiple endocrine syndromes—a nightmare for the endocrinologic radiologist, (Semin Roentgenol), 20:7, 1985

Doppman JL: Dedrick RL; Shook DR; Lutz RJ; Goldstein SR; Blacklock JB; Boretos JW; Paul RH; Austin HA III; Bowman RL; Oldfield EH; glioblastoma: catheter techniques for included depressions of the control of t for isolated chemotherapy perfusion, (Radiology), 159: 477, 1986 Doppman JL; Di Chiro G; Oldfield EH: origin of

Doppman JL; Di Chiro G; Oldfield EH: origin c spinal arteriovenous malformation and nor cord vasculature from a common segmental artery: angiographic and therapeutic considerations, (Radiology), 15± 687, 1985Doppman JL; Girton ME: adrenal ablation by

retrograde venous ethanol injection: an ineffective and dangerous procedure, (Radiology), 150: 667, 1984

Doppman Lt, Girton ME: bile duct scarring following ethanol embolization of the hepatic artery: an experimental study in monkeys, (Radiology), 152: 621, 1984

Doppman JL; Girton ME; Oldfield EH: spinal Wada test, (Radiology), 161: 319, 1986

test, (Radiology), 161: 319, 1986; Oldfield EH:
basilar venous plexus of the posterior fossa:
potential source of error in petrosal sinus
sampling, (Radiology), 155: 375, 1985

Doppman JL; Oldfield EH; Krudy AG;
Chrousos GP; Schulte HM; Schaaf M;
Loriaux DL: petrosal sinus sampling for
Cushing syndrome: anatomical and technical
considerations, (Radiology), 130: 99, 1984

Doppman JL; Shawker TH; Krudy AG; Miller DL;
Marx SJ; Spiegel AM; Norton JA; Brennan MF;
Schaaf M; Aurbach GD: parathymic
parathyroid: CT, US, and angiographic findings,
(Radiology), 157: 419, 1985

Dore R See Cornalba G

Dore R See Vadala G

Dore R See Vadala G Dorfman DD See Berbaum KS Dorfman GS See Cronan JJ Dorfman GS See Denny DF Dorfman GS See Tupper TB Dorfman HD See Scott WW Jr Doria D See Singh M Dorie MJ See Kallman RF Doris PE See Rosner NH

Doris PE See Rosner NH
Dorman GS See Cronan JJ
Dornbluth NC; Potter JL; Shepard MK; et al:
assessment of follicular development by
ultrasonography and total serum estrogen in
human menopausal gonadotropin-stimulated
cycles, (Radiology), 152: 865, 1984
Dorne HL: differentiation of pulmonary
parenchymal consolidation from pleural disease
using the sonographic fluid bronchogram,
(Radiology), 158: 41, 1986
Dorne HL: Hiams B: Cassoff I: ultrasonographically

Dorne HL; Hiams B; Cassoff J: ultrasonographically indeterminate renal parapelvic masses, (Radiology), 155: 851, 1985

Dorne HL; Jequier S: sonography of intestinal lymphangiectasia, (J Ultrasound Med), 5: 13, 1986

Dorne HL; Just N; Lander PH: CT recognition of anomalies of the posterior arch of the atlas vertebra: differentiation from fracture, (AJNR),

Dorne HL; Lander PH: spontaneous stress fractures of the femoral neck, (AJR), 144: 343, 1985 Dorne HL; O'Gorman AM; Melanson D: computed

Dorne HL; U'Gorman AM; Melanson D: computed tomography of intracranial gangliogliomas, (AJNR), 7: 281, 1986 Dorne HL; Satin R: methysergide-induced lower extremity arterial insufficiency, (] Canad Assoc Radiol), 37: 210, 1986

Dornfest DJ See McArdle CB

D'Orsi CJ See Reuter KL Dorst JP See Nussbaum AR Dorst JP See Taylor GA Dorst SK See Taylor GA Dorwart RH See Floyd JL Dorwart RH See Hopper KD Dorwart RH See Reinig JW Dorwart RH See Shacklett DE

Dorwart RH; Genant HK; Johnston WH; et al: pigmented villonodular synovitis of synov joints: clinical, pathologic, and radiologic features, (AJR), 143: 877, 1984

Dorwart RH; Genant HK; Johnston WH; et al: pigmented villonodular synovitis of the shoulder: radiologic-pathologic assessm (AJR), **143**: 886, 1984

Dory MA: arthrographic recognition of the mediopatellar plica of the knee, (Radiology), 150: 608, 1984

Dory MA: arthrography of the ankle joint in chronic instability, (Skeletal Radiol), 15: 291, 1986
Dory MA: CT demonstration of cervical vertebral

erosion by tortuous vertebral artery, (AJNR), 6: 641, 1985

Doscher W See Pillari G Doss LL See Murphy DJ Jr Dos Santos LA See Lewis BS Dotter CT See Boren SR Dotter CT See Hackethorn JC Dotter CT See Keller FS

Dotter CT See Rosch J

Dotter CT See Rosch J

Dotter CT; Rosch J; Erlandson M; Buschman RW;
Ogilvie R: facts about discomfort and pain with
lopamidol peripheral arteriography,
(Radiology), 155: 819, 1985

Doty DB See Stanford W

Doubilet PM See Benson CB

Doubilet PM See Lewis BD

Doubilet PM See Lewis BD

Doubilet PM; Greenes RA: improved prediction of
gestational age from fetal head measurements,
(AJR), 142: 797, 1984

Doubilet PM; Recheil BI: Van Houten FX;
Berenberg A; Ratnofsky S; Greenes RA;
Anderson JW; Mellins HZ; Abrams HL:
excretory urography in current practice:
evidence against overutilization, (Radiology),
154: 607, 1985

Dougherty L See Mezrich RS

Dougherty L See Mezrich RS

6

Douglas BG; Grulkey WR; Chaplin DJ; et al: pions and pig skin: preclinical evaluation of RBE for early and late damage, (Int J Radiat Oncol Biol Phys), 12: 221, 1986

Douglas RHB See Kean DM Doust B See Robinson DE Douterlangue PH See Verbanck II

Douville Y; Arenson JW; Johnston KW; et al: critical evaluation of continuous-wave Dopple

probes for carotid studies, (Radiology), 151: 272,

Dover MR See Gulenchyn KY D'Ovidio NG See Madeddu G

Dowd C See Sartoris DJ Dowd CF; Sartoris DJ; Haghighi P; et al: case report 344, (Skeletal Radiol), 15: 65, 1986

Dowdey JE See Simon TR

Downey DB; Nakielny RA: aphthoid ulcers in colonic tuberculosis, (Radiology), 158: 568, 1986 Downey EF Jr See Curtis DJ

Downey EF Jr; Curtis DJ: patient-induced stress test of the first metacarpophalangeal joint: radiographic assessment of collateral ligament injuries, (Radiology), 158: 679, 1986

Downey EF Jr; Weinstein ZR: unusual case of orbital encephalocele, (AJNR), 5: 199, 1984 Downing D See Lewin JS

Doxey GP See Hardin CW

Doxey GP; Harnsberger HR; Hardin CW; et al: masticator space influence of CT scanning on therapy, (Radiology), 161: 862, 1986 Doyle M See Rzedzian R

Doyle TC; Lawler GA: CT features of rounded atelectasis of the lung, (AJR), 143: 225, 1984 Doyle TCA See Lawler GA

Doyle TCA; Littlejohn G: radiological features of diffuse idiopathic skeletal hyperostosis (D.I.S.H.), (Australas Radiol), 30: 76, 1986

Doyle TCA; Roberts-Thomson IC: radiological features of sclerosing cholangitis, (Radiology), 154: 554, 1985

Drace J See Kwan ESK Drace J See Smathers RL Drach GW See Hillman BJ

Drach GW; Dretler S; Fair W; et al: report of the United States Cooperative Study of extracorporeal shock wave lithotripsy, (Radiology), 161: 859, 1986 Dracup K See Schwaiger M

Drake CG; Friedman AH; Peerless SJ: failed aneurysm surgery. reoperation in 115 cases, (Radiology), 157: 855, 1985 Drake DP See Shaw PJ

Drane WE: differential diagnosis in nuclear medicine, (Radiology), 157: 528, 1985

Drane WE: morbid obesity treated by gastroplasty: radionuclide gastric emptying studies, (Radiology), 159: 816, 1986

Drane WE: myositis ossificans and the three-phase bone scan, (AJR), 142: 179, 1984

Drane WE; Haggar AM; Engel MA: glucagon and gastroesophageal reflux, (AJR), 142: 709. 1984 Drane WE; Karvelis K; Buck JL; et al: "3-D effect" of diffuse skin involvement by mycosis fungoide on gallium imaging, (Clin Nucl Med), 11: 264, 1986

Drane WE: Karvelis K: Johnson DA: Curran II: Silverman ED: progressive systemic sclero radionuclide esophageal scintigraphy and manometry, (Radiology), 160: 73, 1986

Drane WE; Nelp WB; Rudd TG: need for routine delayed radionuclide hepatobiliary imaging in patients with intercurrent disease, (Radiology), 151: 763, 1984

Drapeau G See Bisson G Draper G See Fletcher EWL Draths KG See Adler YT

Dray RJ; Winfield AC; Muhletaler CA; et al: advantages of nonionic contrast agents in adult urography, (Radiology), 155: 851, 1985

Drayer BP See Bird CR Drayer BP See Bottomley PA Drayer BP See Darwin RH Drayer BP See Duchin KL

Drayer BP See Kieffer SA Drayer BP See Roberts L Ir

Drayer BP See Velaj R

Drayer BP See Yeates AE

Drayer BP; Burger P; Darwin R; et al: magnetic
resonance imaging of brain iron, (AJNR), 7: 373,
1986

Drayer BP; Olanow W; Burger P; Johnson GA; Herfkens R; Riederer SJ: Parkinson plus syndrome: diagnosis using high field MR imaging of brain iron, (Radiology), 159: 493, 1986

Drayer BP; Velaj R; Bird R; et al: comparative safety of intracarotid iopamidol, iothalamate meglumine, and diatrizoate meglumine for cerebral angiography. (Radiology), 155: 554,

Dreiling RJ See Gladden JR Dresner SC See Weinstein GS

Dresner SC; Codere F; Brownstein S; et al: lacrimal drainage system inflammatory masses from retained silicone tubing, (Radiology), 156: 861,

Dresner SC; Rothfus WE; Slamovits TL; et al: computed tomography of orbital myositis, (AJNR), 5: 351, 1984

Dressler J See Denffer Hv Dretler S See Drach GW Dretler SP See Pfister RC

Dretler SP; Pfister RC: primary dissolution therapy of struvite calculi, (Radiology), 154: 560, 1985

Dretler SP; Pfister RC; Newhouse JH; et al: percutaneous catheter dissolution of cystine calculi, (Radiology), 153: 272, 1984

Drevvatne T See Oppedal BR
Drevlatne T See Oppedal BR
Drexler B; Davis JL; Schofield G: diaphanography
in the diagnosis of breast cancer, (Radiology),
157: 41, 1985

Dries DJ; Alazraki NP; Lawrence PF; et al: detection of acute synthetic vascular graft infection with <sup>111</sup>In-labeled leukocyte scanning: animal study, (AJR), **145**: 1053, 1985

Driscoll DI See Rios B Driscoil SHM; Gomes AS; Machleder HI: perforation of the superior vena cava: a complication of digital angiography in Ehlers-Danlos syndrome, (AJR), 142: 1021, 1984

Driscoll WG; Nagorsky MJ; Cantrell RW; et al: carcinoma of the pyriform sinus: analysis of 102 cases, (Radiology), 151: 269, 1984

cases, (Radiology), 151: 207, 1703 Dritschilo A; Grant EG; Harter KW; et al: interstitial radiation therapy for hepatic metastases: sonographic guidance for applicator metastases: sonographic guidane placement, (AJR), 147: 275, 1986

Drobnes WE See Mittelstaedt CA Droege RT See Wiener SN

Droege RT; Adamczak SM: boundary artifact in inversion-recovery images, (Magn Res Med), 3: 126, 1986

Droege RT; Ekstrand KE; Coffey CW II: systems components for consideration in purchasing an NMR imager, (Radiographics), 6: 154, 1986 Droege RT; Wiener SN; Rzeszotarski MS: strategy

for magnetic resonance imaging of the head: results of a semi-empirical model. part I, (Radiology), **153**: 419, 1984

Droege RT; Weiner SN; Rzeszudarski MS: strategy for magnetic resonance imaging of the head: results of a semi-empirical model. part II, (Radiology), 153: 425, 1984

Oroller MJ: controversial role of radiation therapy as adjunctive treatment of bladder cancer, (Radiology), 151: 278, 1984

Drolshagen LF See Burks DD Drolshagen LF See Kulkarni MV Drolshagen LF; Reynolds WA; Marcus NW: fibrocartilaginous dysplasia of bone, (Radiology), 156: 32, 1985 Drose JA See Dennis MA

Drose JA See Pretorius DH
Dross PE; Raji MR: CT myelography of calcified
thoracic neurilemoma, (AJNR), 6: 967, 1985
Drost DJ See Lewis CE

Drost DJ See Prato FS Drouillard J See Brendel AJ Drouillard J See Mathieu D Drukier A-K See Reiser M

Drummond D; Guadagni J; Keene JS; et al: interspinous process segmental spinal instrumentation, (Radiology), 156: 276, 1985

Instrumentation, (Radiology), 156: 276, 1985
Drummond-Webb JJ; Freedman A; Schnaid E:
unusual presentation of acute osteomyelitis in
black children, (Radiology), 151: 264, 1984
Drurym J; Whisnant JP; Garraway WM: primary
intracerebral hemorrhage: impact of CT on
incidence, (Radiology), 154: 563, 1985
Druy EM See Shultz S

Druy EM: dilating introducer-sheath for the antegrade insertion of ureteral stents, (AJR), 145: 1274, 1985

Druy EM; Melville GE: obstructed hepatic duct bifurcation: decompression via single percutaneous tract, (AJR), 143: 73, 1984 D'Souza VJ See Glass TA

D'Souza VJ See Velasquez G

D'Souza VJ; Velasquez G; Kahl FR; Hackshaw BT; Amplatz K: spasm of the aortocoronary venous graft, (Radiology), 151: 83, 1984

Du LN See Dixon WT Duara R See Cutler NR

Duara S; Spackman TJ; Boutwell WC; et al: newly recognized profile in neonatal lung disease with maternal diabetes, (AJR), 144: 529, 1985 Dubbins PA See Lewis E

Dubbins PA: renal artery stenosis: duplex Doppler evaluation, (Br J Radiol), 59: 225, 1986 Dubbins PA: ultrasound demonstration of bowel wall thickness in inflammatory bowel disease, (Radiology), **154:** 283, 1985

Dubbins PA; Wells I: renal carcinoma: duplex Doppler evaluation. (Br J Radioi), 59: 231, 1986 Duber C: Storkel S; Wagner P-K; et al: xanthogranulomatous cholecystitis mimicking carcinoma of the gallbladder: CT findings, (JCAT), 8: 1195, 1984

Dublin AB See Osborn RA Dublin AB See Reid MH

Dublin AB See Reid MH
Dublin AB, Baltaxe HA; Cobb CA III: percutaneous
transluminal carotid angioplasty and detachable
balloon embolization in fibromuscular
dysplasia, (AJNR), 5: 646, 1984
Dubos JP; Bouchez MC; Kacet N; et al: spontaneous
rupture of the esophagus in the newborn,
(Pediatr Radiol), 16: 317, 1986
DuBose TJ See Hennigan HW Jr
DuBose TJ; Hill LW; Hennigan HW Jr; et al:
sonography of arcuset uterine blood vessels, (1

sonography of arcuate uterine bl Ultrasound Med), 4: 229, 1985

DuBoulay CE See Holdstock G du Boulay GH See Morton BA du Boulay GH See Thomas DGT

du Boulay CH See 1 nomas DG1
du Boulay CH See Yu YL
DuBovik S See Chong JJG
Dubowitz LMS See De Vries LS
Dubowitz LMS See Pennock JM
Dubowitz LMS, Bydder GM; Mushin J:
developmental sequence of periventricular
leukomalacia: correlation of ultrasound, clinical, and nuclear magnetic resonance functions, (Radiology), 157: 569, 1985 Dubowitz LMS; Pennock JM; Johnson MA; et al:

high-resolution magnetic resonance imaging of the brain in children, (Clin Radiol), 37: 113,

1986
Dubroff JM; Clark MB; Wong CYH; et al: left
ventricular ejection fraction during cardiac
surgery: a two-dimensional echocardiographic
study, (Radiology), 151; 557, 1984
Dubuc G See Bourgouin P

Dubuc G See Dufresne M-P Dubuisson RL See Jones TB

Dubuisson RL See Jones TB
Ducasson D See Brendel AJ
Ducastman BS; McMichan JC; Edwards WD:
catheter-induced lesions of the right side of the
heart: a one-year prospective study of 141
autopsies, (Radiology), 156: 263, 1985
Duchesneau PM See Aguila LA
Duchesneau PM See Modic MT
Duchesneau PM See Modic MT

Duchesneau RH See El Yousef SJ Duchin KL; Drayer BP; Ross M; et al:

pharmacokinetics of iopamidol after intrathecal administration in humans, (AJNR), 7: 895, 1986 Duck FA; Starritt HC: locations of peak pressures and peak intensities in finite amplitude beams from a pulsed focused transducer, (Ultrasound Med Biol), 12: 403, 1986

Duck SC See Wells RG Duck SW See McConnel FMS Duckett JW See Bellinger MF Duckett JW See Rosenberg HK Duckwiler GR See Reicher MA duCret R See Rees CR

duCret RP See Park H-M duCret RP; Jackson VP; Rees C; et al: pancreatic

dutcet RF; Jackson VF; Rees C; et al: pancreatic sonography: enhancement by metoclopramide, (AJR), 146: 341, 1986 Ducroix J-P see Papazian A Ducrotte P; Berland J; Denis P; et al: coronary sinus lactate estimation in esophageal motor anomalies in angina with normal coronary angiograms, (Radiology), 153: 846, 1984 Duda EE See Fujita H

Dudell GG; Gersony WM: patent ductus arteriosus in neonates with severe respiratory disease, (Radiology), 154: 561, 1985

Dudgeon DL See Reeder JD Dudley AH See Brower AC Dudley AW See Aguila LA Dudley F See Kalff V

Dudley F See Kaltt V

Dudley JP; Mancuso AA; Fonkalsrud EW: arytenoid dislocation and computed tomography, (Radiology), 155: 555, 1985

Dudley S See Kulkarni MV

Dueno F See Shiels WE

Duffy SW See Muir BB
Dufresne M-P; Dubuc G; Nicolet V; et al: detection Dufresne M-P; Dubuc G; Nicolet V; et al: detection of an asymptomatic gastroduodenal artery aneurysm by real-time an d pulsed Doppler sonography. ([ Canad Assoc Radiol), 37: 40, 1986 Dugas MC See Schade RR Dugdale L See Jackson B Dugstad G See Amundsen P Duke RA See Salazar JE

Duker Jr. adiographic differential diagnosis of jaw cysts. (Radiology). 156: 268, 1985 Duker JS; Weiss JS; Siber M; et al: occular findings in a new heritable syndrome of brain, eye, and urogenital abnormalities, (Radiology). 157: 284, 1985

Dulac O See Diebler C Dulawa LB See Andros G Dulawa LB See Harris RW Dumas J-M See Raymond J Dumas J-M; Edde DJ: meniscal abnormalities: prospective correlation of double-contrast arthrography and arthroscopy, (Radiology), 160: 453, 1986

Dumich PS; Pearson BW; Weiland LH: suitability of near-total laryngopharyngectomy in piriform carcinoma, (Radiology), 156: 568, 1985 Dumont A See Lafortune M

Dumortier P See Yernault J-C

Dumoulin CL: suppression of water and other noncoupled spins by homonuclear polarization transfer in magnetic resonance imaging, (Magn Res Med), 3: 90, 1986

Res Med), 3: 90, 1986

Dumoulin Ct, Hart HR Jr: magnetic resonance angiography, (Radiology), 161: 717, 1986

Dumoulin Ct, Vatis D: water suppression in 'H magnetic resonance images by the generation of multiple-quantum coherence, (Magn Res Med), 3: 282, 1986

Dumoulin M See Gan Der Hauwaert LG Dunaway CL See Williams JP

Dunbar JS See Oestreich AE Dunbar JS See Rosario-Medina W

Dunbar JS See Strife JL Dunbar JS see strile JL

Dunbar JS: nonpulmonary abnormalities
recognizable in pediatric chest radiographs,
(Radiol Clin North Am), 22: 723, 1984

Dunbar RD: radiologic appearance of compromised thoracic catheters, tubes, and wires, (Radiol Clin North Am), 22: 699, 1984

Duncan AW See Stanley P Duncan CC See Ment LR Duncan CP See Scott I Duncan G See Warda A Duncan JD See Halvorsen RA Duncan RC See Al-Sheikh W Duncan W See Davey P

Duncan W See Quilty PM Duncan W See Taylor RE

Duncan W; Arnott SJ; Jack WJL: Edinburgh experience of treating sarcomas of soft tissues and bone with neutron irradiation, (Clin Radiol), 37: 317, 1986

Duncan W; McLelland J; Davey P; et al: phase I study of mixed (neutron and photon) irradiation using two fractions per day in the treatment of high-grade astrocytomas, (Br J Radiol), 59: 441, 1986

Duncan W; McLelland J; Jack WJL; et al: report of a randomised pilot study of the treatment of patients with supratentorial gliomas using neutron irradiation, (Br J Radiol), 59: 373, 1986

Duncan W; McLelland J; Jack WJL; et al: results of a randomised trial of mixed-schedule (neutron/photon) irradiation in the treatment of supratentorial grade III and grade IV astrocytoma, (Br J Radiol), 59: 379, 1986

Duncan WJ; Ninomiya K; Cook DH; et al: noninvasive diagnosis of neonatal coarctation and associated anomalies using two-dimensional echocardiography, (Radiology), 151: 548, 1984

Duncan-Meyer J See Glazer HS Duncavage JA See Unger JM

Duncavage JA See Unger JM

Duncavage JA; Campbell BH; Hanson GA; et al:
diagnosis of malignant lymphomas of the nasal
cavity, paranasal sinuses and nasopharynx,
(Radiology), 152: 559, 1984

Duncavage JA; Durkin GE; Lehman RH; et al:
dilemmas in the management of chronic nasal
and sinus inflammatory diseases of unknown
etiology, (Radiology), 161: 286, 1986

Dunham JS See Davis CA Dunham L See Levin DC Dunham WK See Rubin E Dunkleman D See Katz AD

Dunkop PRC; Dickinson RJ; Hand JW; et al: early experience with combined interstitial hyperthermia and brachytherapy, (Br J Radiol), 59: 525, 1986

Dunn EK; Macchia RJ; Chauhan PS; et al: scintiscan for acute intrascrotal conditions, (Clin Nucl Med), 11: 381, 1986

Dunn EK; Man AC; Lin K-j; et al: scintigraphic demonstration of tracheo-esophageal fistula, (Radiology), 153: 574, 1984 Dunn F See Borrelli MJ

Dunn F See O'Brien WD Jr

Dunn F: ultrasonic nonlinearity parameter of biological media and its dependence on tissue structure, (Ultrasound Med Biol), 12: 701, 1986

structure, (Ultrasound Med Biol), 12: 701, 198 Dunn GD; Gibson RN: left-sided pancreas, (Radiology), 159: 713, 1986 Dunn HG See Larsen TA Dunn JT See Becker DV Dunn JT; Halls JM; Berne TV: roentgenographic contrast studies in acute small-bowel obstruction, (Radiology), 156: 265, 1985

Dunn V See Biller J Dunn V See Franken EA Jr

Dunn V; Bale JF Jr; Zimmerman RA; et al: MRI in children with postinfectious disseminated encephalomyelitis, (Magn Res Imag), 4: 25, 1986

Dunn V; Glasier CM: ultrasonographic antenatal

Dunn V; Glasier CM: ultrasonographic antenatal demonstration of primary megaureters, (J Ultrasound Med). 4: 101, 1985
Dunn V; Mock T; Bell WE; et al: detection of heterotopic gray matter in children by manetic resonance imaging, (Magn Res Imag). 4: 33, 1986
Dunn VD See Smoker WBK
Dunn WL See Smoker HW

Dunn W. See Wahner HW
Dunne JW: drug smuggling by internal bodily
concealment, (Radiology), 152: 250, 1984
Dunne MG; Goldstein WZ: computed tomographic
and ultrasound appearance of Kim-Ray
Greenfield vena caval filters and potential for
noninvasive localization, (Radiology), 152: 560,
1984

1984

Dunne MG; Weksberg AP: thymic cyst: computed tomography and ultrasound correlation, (Radiology), 152: 560, 1984

Dunnick NR See Adams GW

Dunnick NR See Braun SD

Dunnick NR See Braun SD Dunnick NR See Brown MW Dunnick NR See Degesys GE Dunnick NR See Degesys GE Tunnick NR See Harris CC Dunnick NR See Johnson CD Dunnick NR See Roberts L Jr Dunnick NR See Roberts L Jr

Dunnick NR; Carson CC III; Braun SD; Miller GA; Cohan R; Degesys GE; Illescas FF; Newman GE; Weinerth JL: complications of percutaneous nephrostolithotomy, (Radiology), 157:51, 1985

Dunnick NR; Carson CC III; Moore AV Jr; et al: percutaneous approach to nephrolithiasis, (AJR), 144: 451, 1985

Dunnick NR; Korobkin M: computed tomography of the kidney, (Radiol Clin North Am), 22: 297, 1984

1984
Dunphy EP See Dische S
Dunser E; Umek H: clinical significance of a sonographically established dilated common bile duct, (Radiology), 151: 275, 1984
Dupas B; Barrier J; Barre P: detection of Toxocara by computed tomography, (Br J Radiol), 59: 518, 1986

Dupont E See Illum I Duprat G Jr; Filiatrault D; Michaud J: intrarenal epidermoid cyst, (Pediatr Radiol), 16: 73, 1986 Duranceau AC See Taillefer R Durand RE See Chaplin D

Durand RE See Skarsgard LD Durbin GM See Rushton DI Durckel J; Walter JP: muscular pathology (exluding tumors) on ultrasound, (Radiology), 157: 286,

Dure-Smith P; Tison JB: ilio-femoral segment and inferior vena cava visualization using a non-catheter technique: an adjunct of leg phlebography, (Radiology), 153: 251, 1984 Durez M See Godart G

Durez M See Godart G
Durie PR See Stringer DA
Durizch ML See Harris JH Jr
Durkin GE See Duncavage JA
Durney CH See Hill SC
Durrell CA III; Vincent LM; Mittelstaedt CA:
gallbladder ultrasonography in clinical context,
(Semin US CT MR), 5: 315, 1984
Dussault RG See Bard CC

Dussault RG See Bard CC Duszlak EJ Jr See Costello P Duszlak EJ Jr See Costello P

Dutcher JF: labeled cells in patients with
malignancy. (Semin Nucl Med), 14: 251, 1984

Du Toit DF; Warren B; McCormich M; et al:
Takayasiv disease: report of 3 cases,
(Radiology), 158: 574, 1986

Dutta SK See Petrozza JA

Dutta TK See Daffner RH

Dutton JW See Hodgins GW

Dutton JW Vew Olymay's Gisease: ultrasound and CT

Dutta TK See Daffner ŘH

Dutton JW See Hodgins GW

Dutton RV: Wolman's disease: ultrasound and CT
diagnosis, (Radiology), 156: 274, 1985

Duvall ER, See Vitek JJ

Duvall ER, Gupta KL, Vitek JJ; et al: CT
demonstration of extracranial carotid artery
aneurysms, (ICAT), 10: 404, 1986

Duvall J See Choi KH

Dux AEW; Hall CM; Spitz L: balloon catheter
dilatation of oesophageal strictures in children,
(Radiology), 153: 850, 1984

Duxbury CE See Richardson RI.

Dworkin HJ See Nagle CE

Dwyer AJ See Di Chiro G

Dwyer AJ See Di Chiro G

Dwyer AJ See Reinig JW

Dwyer AJ; Doppman JL: recurrent neuroblastoma:
determining the frequency of follow-up
examinations, (Radiology), 159: 607, 1984

Dwyer AJ; Knop RH; Hoult DI: frequency shift
artifacts in MR imaging, (ICAT), 9: 16, 1985

Dwyer AJ; Reichert CM; Woltering EA; et al:
diffuse pulmonary metastasis in melanoma:
radiographic-pathologic correlation, (AJR), 143:
983, 1984

Dwyer SJ III See Cox GG

Dwyer SJ III See Templeton AW

Dwyer SJ III See Cox GG Dwyer SJ III See Templeton AW Dyer IA See Singer I

**Dver R See Quinn SF** Dyer R; Miller S; Anderson BL; et al: segmental nephrogram, (AJR), 145: 321, 1985

Dyer RB See Choplin RH

Dyer RB; Munitz HA; Bechtold R; Choplin RH:
abnormal nephrogram, (Radiographics), 6: 1039,

1986

Dymond DS See Caplin JL

Dymond DS, Grenier RP; Carpenter J;

Schmidt DH: first-pass radionuclide
angiography via pulmonary arterial catheters. a
critical analysis of background components,
(Radiology), 150: 819, 1984

Dyreborg U See Christensen K

Dyson M: therapeutic applications of ultrasound,
(Clin Diagn Ultrasound), 16: 121, 1985

Dzioba RB See Yang PJ

## E

Earnest F IV See Ormson MJ
Earnest F IV: general case of the day,
(Radiographics), 6: 725, 1986
Earnest F IV: scientific exhibits: the great
communicator, (Radiographics), 6: 319, 1986
Earnest F IV; Forbes GS; Sandok BA; et al:
complications of cerebral angiography:
prospective assessment of risk, (AJR), 142: 247,
1984

1984

Earnest F IV; Houser OW; Forbes GS; et al: accuracy and limitations of intravenous digital subtraction angiography in the evaluation of atherosclerotic cerebrovascular disease: angiographic and surgical correlations, (Radiology), 152: 257, 1984

Earthman Wj; Mazer Mj; Winfield AC: angiomyolipomas in tuberous sclerosis: subselective embolotherapy with alcohol, with long-term follow-up study. (Radiology), 160: 437, 1986

Eary JF; Fisher MC; Cerqueira MD: idiopathic pulmonary fibrosis: another cause of ventilation/perfusion mismatch, (Clin Nucl Med.), 11: 396, 1986

Med), 11: 396, 1986
Easterling MJ See Hudson BV
Easterling MJ See MacLennan KA
Eastman G See Freeman ML
Eastman MR See Richardson ML
Eastridge C See Pinstein ML
Eastwood DW See Haaga JR
East JW Co. Weige LI

Eastwood DW See Haaga JR
Eaton LW See Weiss JL
Eavey RD: inverted papilloma of the nose and
paranasal sinuses in childhood and adolescence,
(Radiology), 157: 857, 1985
Ebara M See Sumida M
Ebara M; Ohto M; Watanabe Y; Kimura K;
Saisho H; Tsuchiya Y; Okuda K; Arimizu N;
Kondo F; Ikehira H; Fukuda N; Tateno Y;
diagnosis of small hepatocellular carcinoma:
correlation of MR imaging and tumor histologic
studies, (Radiology), 159: 371, 1986
Ebbehoj J See Metz P
Eberle F; Pfeisticker D; Rettenmaier G; gallbladder
size in acute viral hepatitis, (Radiology), 154:
568, 1985
Ebers GC; Vinuela FV; Feasby T; et al: multifocal

Ebers GC; Vinuela FV; Feasby T; et al: multifocal CT enhancement in MS, (Radiology), 153: 570,

1984
Ebert EC; Ouyang A; Wright SH; et al: pneumatic dilatation in patients with symptomatic diffuse esophageal spasm and lower esophageal sphincter and dysfunction, (Radiology), 151: 259, 1984

259, 1984

Ebhardt G See Bewermeyer H

Ebina K; Ohkuma H; Iwabuchi T: angiographic study of incidence and morphology of infundibular dilatation of the posterior communicating artery, (Neuroradiol), 28: 23, 1986

1986

Ebner F; Tolly E; Kopp W: sonographic demonstration of lumbar disc herniation, (J Ultrasound Med), 5: 193, 1986

Ebraheim NA See Rubenstein JD

Echizenya K; Satoh M; Nakagawa T; et al: bitemporal compression injury caused by static loading mechanism. report of two cases, (Radiology), 158: 284, 1986

Eckardt VF; Willems D; Kanzler G; et al: eighty months persistence of poorly differentiated early gastric cancer. (Radiology), 156: 562, 1985

Ecker ML See Lotke PA

Feker H, See Symes MO

Ecker ML See Lotke PA
Eckert H See Symes MO
Eckhauser C See Vibhakar SD
Eckhauser F See Strodel WE
Eckhauser FE See Agha FP
Eckhauser FE See Arnstein NB
Eckhauser FE See Williams DM
Eckhout GV See Klingensmith WC III
Eckstein MR, Kelemouridis V; Athanasoulis CA;
Waltman AC; Feldman L; van Breda A; gastric
bleeding: therapy with intraarterial vasopressin
and transcatheter embolization, (Radiology),
152: 643, 1984

Eckstein MR; Waltman AC; Athanasoulis CA: interventional angiography of the renal fossa, (Radiol Clin North Am), 22: 381, 1984

(Radiol Clin North Am), 22: 381, 1984
Edde DJ See Dumas J-M
Eddleston B See Moore CJ
Edeburn GF See Shafer RB
Edeburn GF; Kozlowski JF; Tumeh SS: appearance
of lung scan in venae cavae occlusion, (AJR),
145: 273, 1985

Edeburn GF; Tow DE: SPECT in gallium imaging in a patient with metastatic melanoma, (Clin Nucl Med), 11: 528, 1986

Med), 11: 528, 1986

Edeiken BS See de Santos LA

Edeiken-Monroe B; Wagner LK; Harris JH Jr:
hyperextension dislocation of the cervical spine,
(AJNR), 7: 135, 1986

Edell SL See Warner MA

Edell SL; Wills JS; Garren LR; et al: radiographic
evaluation of the Garren gastric bubble, (AJR),
145: 49, 1985

Edelman RR See Meuli RA Edelman RR See Mueller PR Edelman RR See Simeone JF Edelman RR See Stark DD Edelman RR See White EM

Edelman RR See White EM
Edelman RR; Hahn PF; Buxton R; Wittenberg J;
Ferrucci JT Jr; Saini S; Brady TJ: rapid MR
imaging with suspended respiration: clinical
application in the liver, (Radiology), 161: 125,
1986

1986
Edelman RR; Hann LE; Simon M: chlamydia trachomatis pneumonia in adults: radiograph appearance, (Radiology), 152: 279, 1984
Edelman RR; Johnson K; Buxton R; et al: MR of hemorrhage: new approach, (AJNR), 7: 751, 1992. ographic

1986 Edelman RR; Johnson TS; Jhaveri HS; et al: fatal hemoptysis resulting from erosion of a pulmonary artery in cavitary sarcoidosis, (AJR), 145: 37, 1985

Edelman RR; Kaufman H; Kolodny GM: case report 350, (Skeletal Radiol), 15: 160, 1986

350, (Skeletal Radiol), 15: 160, 1986 Gelman RR, McFarland E, Stark DD; Ferrucci JT Jr; Simeone JF; Wismer G; White EM; Rosen BR; Brady T]: surface coil MR imaging of abdominal viscera. I. theory, technique, and initial results, (Radiology), 157: 425, 1985 Edelman RR; Shoukimas GM; Stark DD; et al:

Edelman RR; Shoukimas Gm; Stark DD; et al: high-resolution surface-coil imaging of lumbar disk disease, (AJR), 144: 1123, 1985 Edelman RR; Stark DD; Saini S; Ferrucci JT Jr; Dinsmore RE; Ladd W; Brady TJ; oblique planes of section in MR imaging, (Radiology), 159: 809, 1986

Edelman RR; Wedeen VJ; Davis KR; Widder D; Hahn PF; Shoukimas GM; Brady TJ: multiphasic MR imaging; new method for direct imaging of pulsatile CSF flow, (Radiology), 161: 779, 1986

Edelstein G See Middleton WD

Edelstein G See Middleton WD
Edelstein G See Schwimmer M
Edelstein G See Teng MMH
Edelstein G; Kyriakos M: focal hematopoietic
hyperplasia of the rib—a form of pseudotumor,
(Radiology), 154: 557, 1985
Edelstein G; Levitt RG; Slaker DP; et al: CT
observation of rib abnormalities: spectrum of
findings, (JCAT), 9: 65, 1985
Edelstein S See Perez CA
Edelstein W See Roberts D
Edelstein W See Bilaniuk LT

Edelstein W See Roberts D
Edelstein WA See Bilaniuk LT
Edelstein WA See Bottomley PA
Edelstein WA See Timmerman RA
Edelstein WA; Bottomley PA: magnetic resonance
without nuclei?, (Radiology), 152: 237, 1984
Edelstein WA; Bottomley PA; Hart HR; et al: signal,
noise, and contrast in nuclear magnetic
resonance (NJMR) imaging, (Radiology), 150:
864 1984

Edelstein WA; Glover GH; Hardy CJ; et al: intrinsic signal-to-noise ratio in NMR imaging, (Magn Res Med), 3: 604, 1986

Kes Med), 3: 604, 1986 Eden AA, Pincus RL; Parisier SC; et al: primary adenomatous neoplasm of the middle ear, (Radiology), 152: 858, 1984 Eden M See Kessler RM Edgerton ER See Tsui BMW Edgington T See Khaw BA

Edgren KI See Leskinen RH

Edgren MR; Solen G; Revesz L: specificity of endogenous glutathione in determining the oxygen enhancement of cellular radiosensitivity, (Int J Radiat Oncol Biol Phys), 12: 1147, 1986

12: 1147, 1986
Edkin R See Vento JA
Edmonds CJ; Smith T: long-term hazards of the treatment of thyroid cancer with radioiodine, (Br J Radiol), 59: 45, 1986
Edmonds EW See Hynes DM
Edmonds PD; Ross P: acoustic emission as a measure of exposure of suspended cells in vitro, (Ultrasound Med Biol), 12: 297, 1986

Edmonds VE See Tator CH Edmonds VE See Tator CH Edmonson GR; Charboneau JW; James EM; Reading CC; Grant CS: parathyroid carcinoma: high-frequency sonographic features, (Radiology), 161: 65, 1986

Edoga JK See Widmann WD Edvardsen P; Halvoorsen TB; Nesse O: lipomembranous osteodysplasia: a case report, (Radiology), 153: 270, 1984 Edwards CC See Gellad FE Edwards CC See Levine AM

Edwards D See Mitchell DM

Edwards DI; Knight RC; Zahoor A: DNA damage induced by reductively activated nitroimidazoles—pH effects, (Int J Radiat Oncol Biol Phys), 12: 1207, 1986

Edwards DK See Kortman KE Edwards DK See Nancarrow PA Edwards DK; Hilton SvW; Merritt TA; Hallman M; Mannino F; Boynton BR: respiratory distress syndrome treated with human surfactant: radiographic findings, (Radiology), 157: 329,

Edwards FM See Hendee WR Edwards FM: dose-response models and methods of risk prediction and causation estimation, (Semin Nucl Med), 16: 118, 1986

Edwards JCW; Huskinsson ES: value of radiography in the management of rheumatoid arthritis, (Radiology), 151: 260, 1984

(Radiology), 151: 260, 1984
Edwards JE See Salomonowitz E
Edwards JH See Alvarez O
Edwards JH See Hyman RA
Edwards JH; Hyman RA; Vacirca SJ; et al: 0.6 T
magnetic resonance imaging of the orbit,
(AJNR), 6: 253, 1985
Edwards KC See Jones MD
Edwards KC See Pais MJ
Edwards KC See Jones MD
Edwards MB See Kucharczyk W
Edwards MG; Pordell GR: ocular toxocariasis
studied by CT scanning, (Radiology), 157: 685,
1985

1985 Edwards MK See Augustyn GT Edwards MK See Becker GJ Edwards MK See Hicks ME Edwards MSB See Berger MS Edwards MSB See Furuya Y Edwards MSB See Powers SK

Edwards M5D See Powers St.

Edwards MT; Smith WL; Hanson J; et al: prenatal sonographic diagnosis of triploidy, (J Ultrasound Med), 5: 279, 1986

Edwards O See Burke DR

Edwards S See Nisbet AP

Edwards WD See Ducatman BS Edwards WH See Denholm TA

Eelkema EA; Stephens DH; Ward EM; et al: CT features of nonfunctioning islet cell carcinom (AJR), 143: 943, 1984

A(R), 143: 943, 1984

Effeney DJ; See Gooding GAW

Effeney DJ; Friedman MB; Gooding GAW:
iilofemoral venous thrombosis: real-time
ultrasound diagnosis, normal criteria, and
clinical application, (Radiology), 150: 787, 1984

Effmann EL See Hedlund LW

Effmann EL See Hedlund LW

Fffmann EL; Merten DF; Kirks DR; Pratt PC;

Spock A: adult respiratory distress syndrome in children, (Radiology), 157: 69, 1985

Effmann EL; Whitman SA; Smith BR: aortic arch development, (Radiographics), 6: 1065, 1986

Efremidis AP See Shpall EJ

Eftekhari F; Shirkhoda A; Cangir A: cavitation of a mediastinal mass following chemotherapy for histiocytosis-X: CT demonstration, (JCAT), 10: 130, 1986 130, 1986

Egan RL; Egan KL: detection of breast carcinoma: comparison of automated water-path whole-breast sonography, mammography, and physical examination, (A]R], 143: 493, 1984
Egan RL; McEweney MB: intramamary lymph nodes, (Radiology), 150: 612, 1984
Egaw T; Kuroda C; Yoshioka H; et al: mesenchymal hamartoma of the liver in infant: its roentgen diagnosis, (Radiology), 152: 554, 1984
Ephert RM Son Miller DP. Egan RL; Egan KL: detection of breast carcinom

Egbert RM See Miller DR Ege GN See Juma N Ege GN See McLean RG Ege GN See Yip TCK Ege GN; Clark RM: internal mammary

Ege GN; Clark RM: internal mammary lymphoscintigraphy in the conservative management of breast carcinoma: update and recommendations for the new TNM staging, (Radiology), 158: 566, 1986
Egelhoff JC, Bisset GS III; Strife JL: multiple enteric duplications in an infant, (Pediatr Radiol), 16: 160, 1986

Eggermont AM; Lameris JS; Jeekel J: ultrasound-Eggermont AM; Lameris JS; Jeekel J: ultrasound-guided percutaneous transhepatic cholecystostomy for acute acalculous cholecystitis, (Radiology), 159: 570, 1986
Eggermont JJ; Schmidt PH: Meniere's disease: long-term follow-up study of hearing loss, (Radiology), 157: 880, 1985
Eggleston DE; Bartold K; Abghari R: recognition of renal osteodystrophy on bone imaging, (Clin Nucl Med), 11: 543, 1986

Eggleston IC See Dahnert WF

Egund N: axial view of the patello-femoral joint: description of a new radiographic method for routine use, (Acta Radiol [Diagn]), 27: 101, 1986 Ehlers KH See Linday LA

Ehlers N: importance of age in management of retinoblastoma of the first eye, (Radiology), 155:

February 1. See Kjos BO
Ehman RL See Kjos BO
Ehman RL See Kjos BO
Ehman RL See More SG
Ehman RL See More SG
Ehman RL See Wesbey GE
Ehman RL: MR imaging with surface coils, (Radiology), 157: 549, 1985
Ehman RL: Berquist TH: magnetic resonance imaging of musculoskeletal trauma, (Radiol Clin North Am), 24: 291, 1986
Ehman RL: Brasch RC; McNamara MT; et al: diradical nitroxyl spin label contrast agents for magnetic resonance imaging: comparison of relaxaton effectiveness, (Invest Radiol), 21: 125, 1986
Ehman RL: Gray JE: Bryant RC: as all the second sec

Ehman RL; Gray JE; Bryant RG; et al: spin-spin relaxation time (T2) dependence in MR saturation- and inversion-recovery images, (AJR), 143: 903, 1984

Ehman RL; Kjos BO; Hricak H; et al: relative intensity of abdominal organs in MR images. (JCAT), 9: 315, 1985

(HCA1), 9: 315, 1985
Ehman RL; McNamara MT; Brasch RC; Felmlee JP;
Gray JE; Higgins CB: influence of physiologic motion on the appearance of tissue in MR, (Radiology), 159: 777, 1986
Ehman RL; McNamara MT; Pallack M; et al:

magnetic resonance imaging with respiratory gating: techniques and advantages, (AJR), 143: 1175, 1984 Ehmke FM See Loughran CF

Ehmke FM See Loughran CF
Ehrenberg M See Blakemore WS
Ehrenkranz RA See Ment LR
Ehrhardt JC See Franken EA Jr
Ehrin E See Farde L
Ehringer H See Marosi L
Ehringer H See Minar E
Ehrlich CP; Goldberg RP: paracardiac pseudotumor:
a kymographic artifact of computed
radiography, (AJR), 142: 919, 1984
Ehrlich J See Guit GL
Ehrlich ME See Lee BCP
Ehrlich M See Kushner DC
Ehrlich M See Diament MI

Ehrlich MG See Kushner DC
Ehrlich R See Diament MJ
Ehyai A; Freemon FR: progressive optic neuropathy
and sensorineural hearing loss due to chronic
glue sniffing, (Radiology), 150: 291, 1984
Eiber AM; Wiener SN: "photopenic" bone lesion
secondary to erector spinae muscle infiltration
by breast carcinoma, (Clin Nucl Med), 11: 194,
1986

Fik-Nes SH See Friksen BC Eilber FR See Giuliano AE Ein SH See Giacomantonio A

Ein SH See Giacomantonio A
Ein SH See Stringer DA; Stephens CA; et al: recurrent
tracheoesophageal fistulas. seventeen-year
review, (Radiology), 150: 859, 1984
Einhorn N See Bjorkholm E
Einhorn N See Lantz B
Einhorn N See Lantz B

Einhorn N See Sjovall K
Einhorn RI; Grace ND; Banks PA; clinical
significance and natural history of the double
pylorus, (Radiology), 153: 560, 1984
Einstein AB Jr See Shipley WU
Einstein DM; Lapin SA; Ralls FW; et al:
insensitivity of sonography in the detection of
choledocholithiasis, (AJR), 142: 725, 1984
Einzig S See Di Segni E
Eisenberg AD; Conturo TE; Mitchell MR; et al:
enhancement of red blood cell proton relaxation
with chromium labeling, (Invest Radiol), 21:
137, 1986 137, 1986

137, 1790 Eisenberg D; Hurwitz L; Yu AC; CT and sonography of multiple bile-duct hamartomas simulating malignant liver disease (case report), (A)R), 147; 279, 1986

Eisenberg D; Kirchner SG; Perrin EC: neonatal skull depression unassociated with birth trauma, (AJR), 143: 1063, 1984 Eisenberg D; Luis-Jorge JC; Himmelfarb EH; et al:

sonographic diagnosis of st (JCU), 14: 213, 1986 Eisenberg H See Zisholtz BM Eisenberg HM See Meyers CA Eisenberg LS See Becker TS

Eisenberg, RA; Bremer AM; Northup HM: intradural herniated cervical disk: case report and review of the literature, (AJNR), 7: 492, 1986 Eisenberg, RA; Vines FS: Taylor SB: bifid origin of the left vertebral artery, (Radiology), 159: 429,

1986

Eisenberg RL See Krebs CA

Eisenberg AL See Humes RA
Eisenhut M; Berberich R; Kimmig B; et al: iodine131-labeled diphosphonates for palliative
treatment of bone metastases: II. preliminary
clinical results with iodine-131 BDP3, (J Nucl
Med), 27: 1255, 1986

Eisenscher A; Jacquemard P; Jouffroy J; et al: abdominal ultrasound in the upright positior using real-time techniques, (Radiology), 150: 297, 1984

Eisenscher A; Schweg-Toffler E; Pelletier G; et al: rhythmic sonographic palpation (echoseismography). a new technique for malignant, benign tumor differentiation by a sonographic approach of tumor elasticity, (Radiology), 150: 867, 1984

(Kadiology), 150: 867, 1984

Eisenscher A; Schweg-Toffer E; Pelletier G; et al:
rhythmic sonographic palpation
(echoseismography) of the breast: a new
technique to differentiate benign and malignant
tumors using ultrasound and tissue elasticity.
(Radiology), 150: 301, 1984

Eisert DR See Kersh CR Eismont FJ See Montalvo BM Eismont FI See Ouencer RM Eisner RL See Hellman RS Eisner RL See Nowak DJ

Eisner RL, Fajman WA, Nowak DJ: distance-weighted backprojection: SPECT reconstruction technique: reply, (Radiology), 161: 852, 1986 Eitzman DV See Chaou W-T

Ek A See Ekelund L

Ekberg O: epiglottic dysfunction during deglutition in patients with dysphagia, (Radiology), 151: 268, 1984

Ekberg O: normal movements of the hyoid bone during swallow, (Invest Radiol), 21: 408, 1986 Ekberg O: Fork F-T; Fritzdorf J: herniography in atypical inguinal hernia, (Radiology), 156: 563, 1985

Ekberg O; Hilderfors H: defective closure of the

Exberg O; Hildertofs H: detective closure of the laryngeal vestibule: frequency of pulmonary complications, (AJR), 145: 1159, 1985
Exberg O; Nilsson PE: herniography: comparison of morbidity and image quality after use of high and low osmolality contrast media, (Invest Radiol), 21: 404, 1986

rkadiol), 21: 404, 1986 Ekberg Q; Nylander G; Fork F-T: defecography, (Radiology), 155: 45, 1985 Eke F; Balfe JW; Hardy BE: three patients with arteritis, (Radiology), 155: 551, 1985 Ekelund L See Alberius P

Ekelund L See Herrlin K Ekelund I. See Ivancev K

Ekelund L; Ek A; Forsberg L; et al: occlusion of renal arterial tumor supply with absolute ethanol. experience with 20 cases, (Radiology), 155: 275, 1985

Ekelund L; Lin G; Jonsson N; et al: partial ablation of the kidney by intraarterial ethanol in domestic swine, (Radiology), 152: 253, 1984

Ekfors T See Soila K Ekholm DE See Listinsky JL

Ekholm S: diagnosis and treatment of pineal region tumors, (Radiology), 161: 600, 1986

Ekholm 5: imaging of infections and inflammations of the central nervous system: computed tomography, ultrasound and nuclear magnetic resonance, (Radiology), 155: 370, 1985

Ekholm S: radiocontrast agents, (Radiology), 158: 516, 1986

Ekholm SE See Holtas S Ekholm SE See Steiner E

Ekholm SE: advanced imaging techniques. volume 2 of modern neuroradiology, (Radiology), 153: 144, 1984

Ekholm SE: contrast media in urography, angiography and computerized tomography, (Radiology), 151: 574, 1984

Ekholm SE; Dahlback O; Tylen U: preoperative treatment of squamous cell carcinoma of the lung with mitomycin-C in the bronchial artery, (Eur J Radiol), 6: 9, 1986 Eklof O See Mortensson W

Eklof O; Mortensson W; Sandstedt B; et al: bone metastases in Wilms' tumor: occurrence and radiological appearance, (Radiology), 153: 568,

Eklof O; Mortensson W; Sandstedt B: suprarenal haematoma versus neuroblastoma complicated by haemorrhage: diagnostic dilemma in the newborn, (Acta Radiol [Diagn]), 27: 3, 1986

Eklof O; Olsson H: variability of urographic findings in posterior urethral valves, (Radiology), **150**: 860, 1984

Eklund G See Wiklund K Ekstrand KE See Droege RT El-Aaser AA See Shafik A Elboim CM See Sussman SK

El-Desouki M; Gilday DL: techniques, diagnostics, and advances in nuclear cardiology, (Radiology), 153: 514, 1984 Eldevik OP See Gronnerod TA

Eldridge MW; Berman W Jr; Greene ER: chronic maternal cigarette smoking and fetal abdominal aortic blood flow in humans, (J Ultrasound Med), 5: 131, 1986

Eldridge MW; Berman W Jr; Greene ER: serial echo-Doppler measurements of human fetal abdominal aortic blood flow, (J Ultrasound Med), 4: 453, 1985

Elejalde BR; de Elejalde MM; Heitman T: visualization of the fetal genitalia by ultrasonography: review of the literature and analysis of its accuracy and ethical implications, (J Ultrasound Med), 4: 633, 1985

Elejalde BR; Mercedes de Elejalde M: ureteral ejaculation of urine visualized by ultrasound, (Radiology), 152: 564, 1984 El Gammal T See Brooks BS El Gammal T See Coker NJ

El Gammal T See Howell CG El Gammal T See Quencer RM El Gammal TAM See Meador K Elias EG See Reed WP Elias SS See Gianopoulos

Elias-Jones AC; Cordner SV: infra-diaphragmatic total anomalous pulmonary venous drainage presenting with rectal bleeding, (Radiology), 151: 822, 1984

Eliopoulos G See Knapp AB Eliot C See Aghiad M Elitsur Y See Meller Y Elkayam U See Gardin JM

Elkayam U See Gardin JM Elkayam U; Kawanishi D; Reid CL; et al: contrast echocardiography to reduce ionizing radiation associated with cardiac catheterization during pregnancy, (Radiology), 151: 558, 1984 El Khishen MA See Henderson JM

El-Khoury GY: clinical radiology of the spine and the spinal cord, (Radiology), 161: 210, 1986

the spinal cord, (Radiology), 161: 210, 1986
El-Khoury GY: emergency orthopaedic radiology,
(Radiology), 157: 102, 1985
El-Khoury GY: knee arthrography: a practical
approach, (Radiology), 153: 610, 1994
El-Khoury GY: Clark CR; Dietz FR; Harre RG;
Tozzi JE; Kathol MH; posterior atlantoccipital
subluxation in Down syndrome, (Radiology),
159: 507, 1986

El-Khoury GY; Foucar E; Blair WF; et al: case report 364, (Skeletal Radiol), 15: 313, 1986 El-Khoury GY; Kathol MH; Chandler JB; Albright JP: shoulder instability: impact of glenohumeral arthrotomography on treatment, (Radiology), 160: 669, 1986

El-Khoury GY; Tossi JE; Clark CR; et al: massive calcium pyrophosphate crystal deposition at the craniovertebral junction, (AJR), 145: 777, 1985

El-Khoury GY; Usta HY; Berger RA: meniscotibial (coronary) ligament tears, (Radiology), 154: 557, 1085

1985 Elkin CM See Frager DH Elkin CM See Leeds NE Elkin M: Adele Swenson, Executive Director, Radiological Society of North America, 1971-1985, (Radiology), 154: 539, 1985 Ell SR See Jolles H

Ell SR; Jolles H; Galvin JR: cine CT demonstration of nonfixed upper airway obstruction, (AJR), 146: 669, 1986

Ella SV Selses WD; et al: cine CT technique for dynamic airway studies, (AJR), 145: 35, 1985 Ellam SV See Nistet AP Eller TW; Pasternak JF: isolated ventricles

following intraventricular hemorrhage, (Radiology), 158: 284, 1986 Ellerbroek C; Smith WL: neonatal small left colon

in an infant with cystic fibrosis, (Pediatr Radiol), **16**: 162, 1986

Ellery El See Miraldi FD.

Ellerstein NS; Norris K]: value of radiologic skeletal survey in assessment of abused children, (Radiology), 157: 282, 1985

Ellery S See Miraldi FD

Elliott AT See Hilditch TE Elliott GR See Sirr SA

Elliott J See Alzate GD Elliott LP See Barth KH

Elliott RI; Wild JH; Snow WT: prolonged delirium after metrizamide myelography, (Radiology), 155: 859, 1985

Ellis BI See Burnstein MI Ellis CN See Pennes DR Ellis DA See Grossman ZD Ellis DA See Kenney PJ

Ellis DA See Lever AML Ellis FH Jr See Heiss FH

Ellis FH Jr. See Heiss FH
Ellis FH Jr. Crozier RE; Watkins E Jr. operation for
esophageal achalasia: results of
esophageal achalasia: results of
esophagomyotomy without an antireflux
operation, (Radiology), 156: 264, 1985
Ellis HH, Bies JR, Kopecky KK, et al: comparison of
NMR and CT imaging in the evaluation of
metastatic retroperitoneal lymphadenopathy
from testicular carcinoma, (Radiology), 155: 283,

Ellis JH See Baker MK Ellis JH See Bies JR

Ellis JH See Buckwalter KA Ellis JH See Cory DA Ellis JH See Hearshen DO Ellis JH See Pennes DR

Ellis JH See Wenker JC

Ellis JH; Denham JS; Bies JR; et al: magnetic resonance imaging of systemic venous anomalies, (Comput Radiol), 10: 15, 1986

Ellis JR Jr See Kessler RM

Ellis JV See Gavant ML Ellis JV See Salazar JE Ellis JV See Winer-Muram H

Ellis JV See Winer-Muram H
Ellis JV; Salazar JE; Gavant ML: pedunculated
hepatic hemangioma: unusual cause for
anteriorly displaced retroperitoneal fat, (J
Ultrasound Med), 4: 623, 1985
Ellis K See Smith R
Ellis PS See Banner MP
Ellis SG See Henschke CI
Ellis WG See McGahan JP
Ellis WG See McGahan JP
Ellis WR See O'Connor HJ
Ellman BAH See Wynne JM
Ellmann A See Van Rensburg LCJ
Ellsworth RM See MacKay CJ
Ellsworth RM See MacKay CJ

Ellsworth RM See MacKay CJ
Ellyson JH See Smith GF
El-Mahdi AM See Schellhammer PF
El-Mahrouky A; Ford KK; Van Moore A Jr: balloon
dilatation of ureteral strictures in dogs,
(Radiology), 153: 565, 1984
Elmale D R See Kizuka H
Elmaleh DR See Miller DD
El-Markabi H See Jalkh AE
El-Merzabani MM See Ghoneim MA
El-Merzabani MM See Shafik A
Elmore MF See Maelinte DDT Elmore MF See Maglinte DDT Elouaer-Blanc L See Mathieu D

Elrad H; Mayden KL; Ahart S; et al: prenatal ultrasound diagnosis of choledochal cyst, (J Ultrasound Med), 4: 553, 1985

Els D See Van Der Merwe PL Elsasser U See Bydder GM Elster AD; Jensen KM: computed tomography of spondylolisthesis: patterns of associated pathology, (JCAT), 9: 867, 1985

pathology. (JCAT), 9: 867, 1985
Elta GH; Sepersky R; Goldberg MJ; et al: increased incidence of hypothyroidism in primary biliary cirrhosis. (Radiology), 152: 550, 1984
El Yousef SJ See Han JS
El Yousef SJ, See Martino CR
El Yousef SJ, Duchesneau RH: magnetic resonance imaging of the human breast: a phase I trial, (Radiol Clin North Am), 22: 859, 1984

(Radiol Clin North Am), 22: 859, 1984
El Yousef SJ; Duchesneau RH; Alfidi RJ: nuclear magnetic resonance imaging of the human breast, (Radiographics), 4: 113, 1984
El Yousef SJ; Duchesneau RH; Alfidi RJ; Haaga JR; Bryan PJ; LiPuma JP: nuclear magnetic resonance imaging of the breast. work in progress, (Radiology), 150: 761, 1984
El Yousef SJ; O'Connell DM; Duchesneau RH; et al: benion and malignant breast disease: magnetic

benign and malignant breast disease: magnetic resonance and radiofrequency pulse sequences, (AJR), 145: 1, 1985

Emami B See Glazer HS Emans JB See Papanicólaou N

Emans Jo See Papanicolaou N
Emerson D See Bundy AL
Emerson RH See Rosenthal DI
Emery RW, Cohn LH; Whittemore AD; et al:
coexistent carotid and coronary artery diseass
surgical management, (Radiology), 151: 818,
1984

1984
Emmens RW See Goske MJ
Emons D See Benz-Bohm G
Emons D See Gilsanz V
Emory TH; Charboneau JW; Randall RV;
Scheithauer BW; Grantham JG: occult testicular interstitial-cell tumor in a patient with gynecomastia: ultrasonic detection, (Radiology),
151: 474, 1984

Enas GG et al See Lipper MH Endo S See Hirashima Y Engber WD See Pilarski RT Engel A See Kleinhaus U

Engel I See Balthazar EJ Engel I Jr. Kuhl DE, Phelps ME; et al: local cerebral metabolism during partial seizures, (Radiology), 150: 291, 1984

Engel MA See Drane WE

Engel MA See Drane WE
Engelholm L See Delhaye M
Engelholm SA See Kjaer M
Engelholm SA See Kjaer M
Engelholm SA See Kjaer M
Engelmann U; Schaub T; Schweden F; et al: digital
subtraction angiography in staging renal cell
carcinoma: comparison with computerized
tomography and histopathology, (Radiology).
15s: 267, 1985
Engelstad B See Goldberg HI
Engelstad B See Revel D
Engelstad B See Revel D
Engelstad B See Hattner RS

Engelstad B See Revel D
Engelstad BL See Hattner RS
Engelstad BL See Wesbey GE
Engelstad BL See Wesbey GE
Engelstad BL, Spitler LE; Del Rio MJ; Ramos EC;
Rosendorf LL; Reinhold CE; Khentigan A;
Huberty JP; Corpuz SW; Lee HM;
Okerlund MD; Hattner RS; Scannon PJ: phase
1 immunolymphoscintigraphy with an In-111labeled antimelanoma monoclonal antibody,
(Radiology), 161: 419, 1986
Engin SI See Rupani HD
England AC III; Shippel AH; Ray MJ: simple view
for demonstration of fractures of the anterior
arch of C1. (AJR), 144: 763, 1985
England HR See Hope-Stone HF

Engle SJ; DiSessa TG; Perloff JK; et al: mitral valve E point to ventricular septal separation in infants and children, (Radiology), 152: 850, 1984 Engler G See Golimbu C

Engler MJ; Herskovic AM; Proimos BS: dosimetry of rotational photon fields with gravity-oriented eye blocks, (Radiology), 154: 288, 1985

Engler R See Slutsky RA
English RE; MacGuire MH; Guyer PB: small bowel

English Re; MacGuife Mri; Guyer PB; small bowel masses due to gallstones: report of two cases, (Clin Radiol), 37: 153, 1986 Englund E See Gyorffy-Wagner Z Englund JA; Lucas RV Jr: cardiac complications in children with systemic lupus erythematosus, (Radiology), 154: 274, 1985

(Radiology), 154: Z/4, 1985
Englund R; Fairgrieve J; Brown PF; et al: correlation of clinical findings, duplex carotid artery scanning and CT scanning of the brain in 54 consecutive patients with bruits over the carotid artery bifurcation, (Radiology), 158: 571, 1986
Engstrom H See Schulz EE

Engstrom P See Gatenby RA
En-Huei W See Zong-Cheng L
Enig B; Winther E; Hessov I: energy and protein
intake and nutritional status in non-surgically
treated patients with small cell anaplastic na of the lung, (Acta Radiol [Oncol]), 25:

Enker WE See Morrow M
Enneking WF See Hudson TM
Enneking WF See Present DA Ennis JT See Lynch D Ennis JT See O'Brien TM

Ennis JT See O'Brien TM

Ennis MG; Kaude JV; Williams JL: sonographic diagnosis of subarachnoid hemorrhage in premature newborn infants: a retrospective study with histopathologic and CT correlation, (J Ultrasound Med). 4: 183, 1985

Ennis MG; Kaude JV; Williams JL: sonographic diagnosis of subarachnoid hemorrhage in premature newborn infants: retrospective study with histopathologic and CT correlation, (Radiology), 157: 569, 1985

Ennis WF See Abrams ME

Ennow K See Stockel M

Ennow K See Stockel M

Enriquez G See Lucaya Ensell GJ See Speller RD Ensminger WD See Gyves JW Ensminger WD See Williams DM Ensminger WD See Ziessman HA

Ensslen R See Lentle BC Enterline DS; Rauch RE; Silverman PM; et al: cy. of the falciform ligament of the liver, (AJR), 142: 327, 1984

Enterline HT See White RM Enthoven C See Verco PW Entman SS See Fleischer AC Enzmann DR See Britt RH Enzmann DR See Brown SB Enzmann DR See Burbank FH Enzmann DR See Kwan ESK Enzmann DR See Lewis BD Enzmann DR See Seidenwurm D Enzmann DR See Wilson DM

Enzmann DR: Britt RR: Obana WG: et al: experimental Staphy (AJNR), 7: 395, 1986

Enzmann DR; Freimarck R: head immobilization for digital subtraction angiography, (Radiology), 151: 801, 1984

(Radiology), 151: 801, 1984 Enzmann DR; Irwin KM; Marshall WH; et al: intraoperative sonography through a Burr hole: guide for brain biopsy, (AJNR), 5: 243, 1984

guide for brain biopsy, (AJNR), 5: 243, 1994 Enzmann DR, Murphy-Trwin K, Silverberg GD; et al: spinal cord tumor imaging with CT and sonography, (AJNR), 6: 95, 1985 Enzmann DR; Rubin JB; DetaPaz R; Wright A: cerebrospinal fluid pulsation: benefits and pitfalls in MR imaging, (Radiology), 161: 773, 1986

Enzmann DR; Wheat R; Marshall WH; Bird R; Murphy-Irwin K; Karbon K; Hanbery J; Silverberg GD; Britt RH; Shuer L: tumors of th central nervous system studied by computed tomography and ultrasound, (Radiology), 154: 393, 1985

Epenetos AA; Carr D; Johnson PM; et al: antibodyguided radiolocalisation of tumours in patients with testicular or ovarian cancer using two radioiodinated monoclonal antibodies to placental alkaline phosphatase, (Br J Radiol), 59: 117, 1986

Epenetos AA; Shepherd J; Britton KE; et al: I-123 radioiodinated antibody imaging of occult ovarian cancer, (Radiology), 156: 571, 1985

Epler GR See McLoud TC Epstein B See Segal I

Epstein BM; Patel V; Omar GM: computed tomography of intra-abdominal abscesses, (Radiology), 153: 279, 1984

Epstein BM; Tanne D: haematoma in the transverse mesocolon secondary to acute pancreatitis, (Radiology), 150: 296, 1984

Epstein DM See Albelda SM

Epstein DM See Aronchick JM

Epstein DM See Coleman BG Epstein DM See Gefter WB Epstein DM See Miller TR Epstein DM See Miller WT

Epstein DM; Dalinka MK; Kaplan FS; et al: observer variation in the detection of osteopenia, (Skeletal Radiol), 15: 347, 1986

Epstein DM; Kressel H; Gefter WB; et al: MR imaging of the mediastinum: a retrospective comparison with computed tomography, (Radiology), 155: 283, 1985

Epstein DM; Miller WT; Bresnitz EA; et al: application of ILO classification to a population without industrial exposure: findings to be differentiated from pneumoconiosis, (AJR), 142:

Epstein DM; Stephenson LW; Gefter WB; van der Voorde F; Aronchick JM; Miller WT: value of CT in the preoperative assessment of lung cancer: survey of thoracic surgeons, (Radiology), 161: 423, 1986

Epstein FJ See Goy AMC Epstein FJ See Raghavendra BN Epstein S See Ragnaventra of Epstein S See Ramanathan K Eraklis A See Kandarpa K Erbel R; Richter HA; Krebs W; et al: right

ventricular volume determination in isolated human hearts, (JCU), 14: 89, 1986

Erdman WA See Noz ME

Erdman WA See Weinreb JC Erdman WA; Weinreb JC; Cohen JM; Buja LM; Chaney C; Peshock RM: venous thrombosis clinical and experimental MR imaging, (Radiology), 161: 233, 1986

Erdoes L See O'Donnell TF Jr Erenberg A See Smith WL

Eresue J See Brendel AJ
Eretto P; Krohel GB; Shihab ZM; et al: optic
neuropathy in Paget's disease, (Radiology), 153:
852, 1984

Ergun D See Balter S Erich DA See Block RW Ericksen EE See Johnson MR Erickson DL See Derauf BJ Erickson JJ See Pickens DR

Erickson JJ See Simmons GH Erickson S See Quinn SF Erickson SJ See Burke JW

Ericson K See Mosskin M Ericson K: size of the internal carotid and middle cerebral arteries in patients with trigeminal neuralgia, (Radiology), **152**: 855, 1984

Erison K; Lilja A; Bergstrom M; et al: positron emission tomography with {[¹¹C]methy¹]-L-methionine, [¹¹\*C]p-g¹ucose, and [§§Ga]EDTA in supratentorial tumors, (JCAT), 9: 683, 1985

Ericsson A See Skog S
Eriksen BC; Eik-Nes SH: prognostic value of

ETISSEN BC; EIK-NeS SH: prognostic value of ultrasound, HCG and progesterone in threatened abortion, (ICU), 14: 3, 1986 Erikson U; See Wegenius G Erikson U; Aberg T; Klingen G: catheter pericardiocentesis in the postoperative period, (Radiology), 150: 857, 1984 Eriteson I; Nordebur T; Cathen K-H, et al.)

Eriksson J; Nordshus T; Carlsen K-H; et al: radiological findings in children with respiratory syncytial virus infection: relationship to clinical and bacteriological findings, (Pediatr Radiol), 16: 120, 1986

Erkinjuntti T See Kovanen J Erlandson M See Dotter CT

Erlandson M See Dotter C.I.
Erlebacher JA; Cahill PT; Pannizzo F; et al: effect of magnetic resonance imaging on DDD pacemakers, (Radiology). 161: 287, 1986
Ermers JWLM See Widjaja PM

Ernst A; Cikes I; Radovanovic N: two-dimensional echocardiographic study of a cardiac hydatid cyst, (Radiology), 152: 863, 1984

Ernstoff JJ; Howard DA; Marshall JB; et al: randomized blinded clinical trial of a rapid colonic lavage solution (golytely) compand with standard preparation for colonoscopy and barium emema, (Radiology), 151: 259, 1984

Erozan YS See Khouri NF

Errington RD; Catterall M: re-irradiation of advanced tumors of the head and neck with fast neutrons, (Int J Radiat Oncol Biol Phys), 12: 191,

Ertel II See Heller RM Ertzner TW, Powers TA: pseudoaneurysm detection with Tc-99m-labeled red blood cells, (Radiology), 154: 507, 1985 Erwin BC See Bernardino ME

Erwin BC See Perkerson RB Jr Erwin BC See Phillips VM

Erwin BC; Brynes RK; Chan WC; et al: percutaneous needle biopsy in the diagnosis and classification of lymphoma, (Radiology), 161: 288, 1986

Erwin BC; Carroll BA; Muller H: sonographic assessment of neonatal renal parameters, (J Ultrasound Med), 4: 217, 1985

Erwin BC; Carroll BA; Sommer FG: renal colic: the role of ultrasound in initial evaluation, (Radiology), 152: 147, 1984 Erwin BC; Carroll BA; Sommer FG: US in the evaluation of acute flank pain, (Radiology), 157: 554, 1985

Ervavec E See Laderoute KR Escudero L See Gordillo I Escudero L See Millan IM Escudero L See Millan JM
Esguerra AC See Aranha GV
Eshghi M See Badlani G
Eshghi M See Schiff RG
Eshima D See Fritzberg AR
Eshima D See Taylor A Jr
Eslinger PJ See Graff-Radford NR
Espersen JO See Peterson OF

Espersen JO See Peterson Or Espinasse P; Desuzinges C; Cercassi JC: measurements of an index of echogenicity o some thyroid disease, (Radiology), 152: 868,

Espinasse P; Desuzinges C; Cercassi JC: simple device for determining an index of echogenicity, (Radiology), 152: 867, 1984 Espinola D See Wong DF

Espinola D See Wong DF Espinola DA See Rupani HD Espinosa GA See Mafee MF Esquerre JP See Simon J Esseltine DW See Azouz EM Esset J; Aronovitz F; Saritch I; et al: detection of

Esser J; Aronovitz F; Saritch I; et al: detection o distant metastases of a phaeochromocytema with <sup>131</sup>I-metaiodobenzylguanidine, a case report, (Radiology), 154: 563, 1985 Esser PD See Nickoloff El. Esser PD See Romney BM

Esser PD: improvements in SPECT technology for cerebral imaging, (Semin Nucl Med), 15: 335,

Esser W See Glaser J Esser w See Glaser)
Esserman L See Martinez LO
Estey E See Zwelling LA
Estorch M See Carrio I
Estrada R See Athey PA
Etchells AH See Hall RC Ethier R See Peters TM Ethier R See Theron J Ethier R See Vanier M
Ethier R See Worthington C
Ethier S See Nicolet V Ettenger N See Zerhouni EA Ettinger B See Reinbold W-D

Ettinger N See Naidich DP Eubanks BA; Cann CE; Brant-Zawadzki M: CT measurement of the diameter of spinal and other bony canals: effects of section angle and thickness, (Radiology), 157: 243, 1985

Eusek IF: Bush WH: Burnett LL: Gibbons RP: in-

Eusek JF, Bush WH; Burnett LL; Gibbons RP: in-bath filming during extracorporeal shock wave lithotripsy, (Radiology), 158: 850, 1986 Evancho AM; Osbakken M; Weidner W: comparison of NMR imaging and aortography for preoperative evaluation of abdominal aortic aneurysm, (Radiology), 156: 862, 1985 Evander A See Nilsson U Evans AE See Renshaw PF Evans CC See Morewood DJW Evans CE: internal carotid artery aneurysm: a singular anomaly, (Radiology), 155: 276, 1985 Evans DD See Clouse ME Evans DD See Baker AR Evans G See Wolinski AP Evans HJ See LeBlanc AD Evans JNG See Smith RJH Evans JPM See Mehta AB Evans KJ See Muller NL

Evans KG See Muller NL Evans KT See Davies RL

Evans RA See Hodson EM Evans RG See Shaw EG

Evans KG See Shaw EG Evans S; Williams F: case report: Erdheim-Chester disease: polyostotic sclerosing histiocytosis, (Clin Radiol), 37: 93, 1986 Evans SM; Labs LM; Yuhas JM: response of human neuroblastoma and melanoma multicellular tumor spheroids (MTS) to single dose irradiation, (Int J Radiat Oncol Biol Phys), 12: 000 1026. 969, 1986

Evans TW; Collins M; Adams JE; et al: pulmonary calcification in a renal transplant recipient, (Radiology), 150: 295, 1984 Evarts CM See Griffiths HJ Evens RG See Wills J

Evens RG See Wills J Evens RG: economic costs of nuclear magnetic resonance imaging, (Radiology), 154: 281, 1985 Evens RG: editorial retrospective, computed tomography, a controversy revisited, (Radiology), 153: 858, 1984

Evens RG: mammographic screening: how to operate successfully at low cost, (Radiology), 161: 850, 1986

101: 830, 1980; oneologic diagnostic radiology: the question of need, (Radiology), 150: 273, 1984 Evens RG: radiologist as an attending physician: routine or special procedure?, (Radiology), 154:

Evens RG: radiology 1984: conflict of high technology and high cost, (Radiology), 157: 569, 1985

Evens RG; Jost RG; Evens RG Jr: economic and utilization analysis of magnetic resonance imaging units in the United States in 1985, (AJR), 145: 393, 1985

Evens RG; Mettler FA Jr: national CT use and radiation exposure: United States 1983, (AJR), 144: 1077, 1985

144: 1077, 1985 Evens RG; Riemenschneider PA; Deffebach RR: supply of radiologists: planning for the future, (Radiology), 151: 253, 1984 Evens RG JF See Evens RG Even-Sapir E See Front D

Evers KA: radiological atlas of gastrointestinal disease, (Radiology), 153; 328, 1984 Evers KA: radiology of the stomach, (Radiology), 151; 34, 1984

151: 34, 1984
Every P See Leehey P
Eviatar A; Jamal H: cholesteatoma induced by
stapedectomy, (Radiology), 151: 269, 1984
Evill CA See Sage MR
Evill CA See Wilcox J
Evill CA; Wilson BC; Benness GT: quantitative
evaluation of biliary x-ray contrast agents in
computed tomography, (Radiology), 154: 567,
1985

1985 Evison G: intermittent hydronephrosis: unique feature of ureteropelvic junction obstruction caused by a crossing renal vessel, (Radiology), 159: 283, 1986

Evrard C See Courtheoux P Ewald FC See Weissman BNW Ewing RH See Brady MB Ewing SL See Grund FM Ewusi-Mensah I See Baldy RE

EWIST-Mensain 1 see Bailty RE
EY EH See Campeau RJ
EY EH; Wall M; Numaguchi Y; et al:
neurosarcoidosis involving optic nerves and
leptomeninges: computed tomography findings,
(CT), 10: 129, 1986

(CT), 10: 129, 1986 Eyal F See Alpan G Eyal F See Maayan C Eyes BE See Danher J

Eyes BE See Danher J
Eyjolfsson O; Nordshus T; Dahl T: sialography and
CT sialography in the diagnosis of parotid
masses, (Radiology), 157: 858, 1985
Eyler WR See Brady LW Jr
Eyler WR See Cruz C
Eyler WR. sannales de radiologie, Vol. 28 (no. 6).
index 1983–1984 of European radiological
journals, (Radiology), 159: 342, 1986
Eyler WR: dictionary & encyclopedia of laboratory
medicine and technology, (Radiology), 154: 78,
1985

Eyler WR: Gray's anatomy of the human body. 30th American ed., (Radiology), 155: 604, 1985
Eyler WR: reprints in the electronic age. (Radiology), 154: 831, 1985
Eyler WR: seventieth scientific assembly and annual meeting, (Radiology), 154: 831, 1985
Eyler WR: sixty-ninth scientific assembly and annual meeting, (Radiology), 150: 603, 1984
Eyre HJ See Samlowski WE
Eyre-Brook IA; Holroyd AM; Johnson AG: single isotope method of post-prandial duodenogastric reflux assessment using <sup>50</sup>Tc<sup>-1</sup> labelled IDA in patients with gallstones, (Radiology), 151: 277, 1984

Fabbrica D See Becciolini A Faber LP See Mathisen DJ Fabian TC See Gavant ML

Fabris D: Trainite G: Di Comun M: et al: scoliosis

Fabris D; Trainite G; Di Comun M; et al: scoliosis due to rib osteoblastoma: report of two cases, (Radiology). 151: 264, 1984

Faerber EN See Swartz JD

Faerber EN See Williams JL

Faerber EN; Griska LAB; Swartz JD; Capitanio MA;

Popky GI: digital subtraction angiography in pediatric cerebrovascular occlusive disease, (Radiology), 152: 391, 1984

Fagan CJ See Bedi DG

Fagan CJ See Winsett MZ

Fagel WJ; Hekster REM; Smith SJ; et al: transient intrasellar collection of air during

intrasellar collection of air during bromocriptine treatment of a prolactinoma, (Neuroradiol), 28: 364, 1986 Fagelman D See Warhit JM

Fagelman D See Warhit JM
Fagelman D; Hertz MA; Ross AS: delayed
development of splenic subcapsular hematoma:
CT evaluation, (JCAT), 9: 815, 1985
Fagert T See Braun SD
Fagniez P-L See Mathieu D
Fahey FH See Ziessman HA
Fahey JT See Markowitz RI
Fahey PJ See Wandke JC
Fahl MH See Saksouk FA
Fahmy A See Wilson DA
Fahrenbach J See Moss GD
Fair W See Drach GW
Fairbanks LA See Ungerleider JT
Fairchild RG See Coderre JA
Fairchild RG: new radiotherapeutic techniques in

Fairchild RG: new radiotherapeutic techniques in nuclear ophthalmology, (Semin Nucl Med), 14: 35, 1984

Fairfax WR See Tocino IM Fairgrieve J See Englund R Faix RG See DiPietro MA

Faix RG See Differto MA
Fajardo LF; Donaldson SS; Kelly NI: von
Willebrand factor levels do not predict or
diagnose radiation pneumonitis, (Int J Radiat
Oncol Biol Phys), 12: 107, 1986

Fajman WA See Berkman WA Fajman WA See Eisner RL Fajman WA See Nowak DJ

Fajman WA: acute right upper quadrant abdominal pain: radionuclide approach, (Radiology), 151: 561, 1984

Fajman WA; Berkman WA; Wheatley JK; McClees EC; Berger HJ; correlation of varicocele scintigraphy with venography, (Radiographics), 4: 465, 1984

(Radiographics), 4: 465, 1984
Fajman WA; Greenwald LV; Staton G; et al:
assessing the activity of sarcoidosis: quantitative
<sup>67</sup>Ga-citrate imaging, (AJR), 142: 683, 1984
Fakhri A; Fishman EK; Jones B; et al: primary
intestinal lymphangiectasia: clinical and CT
findings, (JCAT), 9: 767, 1985
Fakhry J See Gold RP

Fakiny J See Weingarten MJ
Fakiny J; Reiser M; Shapiro LR; et al: increased echogenicity in the lower fetal abdomen: common normal variant in the second trimester, (J Ultrasound Med), 5: 489, 1986

Fakhry J; Schechter A; Tenner MS; et al: cysts of the choroid plexus in neonates: documentation and review of the literature, (J Ultrasound Med), 4: 561, 1985 Falappa P See Danza FM

Falchuk KR See Clouse ME Falgout HJ See Long SI Faling J See Daly BD Jr Falke THM See Blickman JG Falke THM See Bloem HL Falke THM See Bloem JL

Falke THM See Tjon-A-Tham RTO Falke THM See Ziedses des Plantes BG Ir

Falke THM See Ziedses des Plantes BG Jr
Falke THM; te Strake L; Shaff MI; et al: MR
imaging of the adrenals: correlation with
computed tomography, (CAT), 10: 242, 1966
Falke THM; van Seters AP; Schaberg A; et al:
computed tomography in untreated adults with
virilising congenital adrenal cortical
hyperplasia, (Clin Radiol), 37: 155, 1986
Falkoff GE: Taylor KJW; Morse SS: hepatic artery
pseudoaneurysm: diagnosis with real-time and
pulsed Doppler US, (Radiology), 158: 55, 1986
Falla A See Agarwal KC
Fallis RJ; Fisher M: cerebral vasculitis and
hemorrhage associated with

orrhage associated with phenylpropanolamine, (Radiology), **158:** 572, 1986

Failon B; Wendt JC; Hawtrey CE: urological injury and assessment in patients with fractured pelvis, (Radiology), 153: 846, 1984

Fam AG; Rubenstein JD; Cowan DH: POEMS syndrome: study of a patient with proteinuria, microangiopathic glomerulopathy, and renal enlargement, (Radiology), 161: 284, 1986

Famularo M; Vasilomanolakis EC; Schrager B; et al: percutaneous transluminal angioplasty of aortocoronary saphenous vein graft, morphologic observations, (Radiology), 150: 857, 1984

Fan M See Kinney TB

Fan M See Kinney TB Fancher M See Bartold K

Fancher M See Bartold K
Fancher M; Abghari R; Bartold K: initial detection
of lower extremity septic deep venous
thrombophlebitis by indium-111 WPC imaging
in a patient with bacteremia, (Clin Nucl Med),
11: 206, 1986
Fanconi S; Issler C; Giedion A; et al:
SPONASTRIME dysplasia: familial short-limb
dwarfism with saddle nose, spinal alterations
and metaphyseal striation. report of 4 siblings,
(Radiology), 151: 549, 1984
Fanconi S; Kraemer R; Weber J; et al: long-term
sequelae in children surviving adult respiratory
distress syndrome, (Radiology), 156: 858, 1985
Fanders BL See Agha FP
Fang A See Woo JSK

Fanders BL See Agha FP
Fang A See Woo JSK
Fang M See Reinig JW
Fang MA; Reinig JW; Hill SC; et al: Technetium
99m MDP demonstration of heterotopic
ossification in fibrodysplasia ossificans
progressiva, (Clin Nucl Med), 11: 8, 1986
Fankhauser H See Schnyder P
Fankuchen El See Martin EC
Excepter ER See Rumgdals DR

Faragher EB See Ramsdale DR Farber LR See Lacy J Farber LR See Todd MB Farber R See Fischer GG

Farber S Per Describer G.S.
Farber SP, O'Donnell TF; Deterling RA; et al:
clinical implications of acute thrombosis of the
inferior vena cava, (Radiology), 153; 564, 1984
Farde L; Hall H; Ehrin E; et al: quantitative analysis
of D2 dopamine receptor binding in the living
human brain by PET, (Radiology), 159; 822, 1986 Fareed J See Moncada R

Fargnoli R See Dal Pozzo G Farhat NZ See Conners AF Jr Farhat SM See Bucci MN

Farhat SM See Bucci MN
Farhi DC; Mason UG III; Horsburgh CR Jr:
pathologic findings in disseminated
Mycobacterium avuum intracellulare infection:
report of 11 cases, (Radiology), 160: 862, 1986
Fariello G See Preziosi P
Farley T; Conway J; Shulman ST: hematogenous
pelvic osteomyelitis in children. clinical
correlates of newer methods, (Radiology), 158:
575, 1986

575, 1986

5/5, 1986
man AG; Sharma S; George DI; Wilson D;
Dodd D; Figa R; Haskell B: backscattering from
dental restorations and splint materials during
therapeutic radiation, (Radiology), 156: 523,
1985

Farman J See Chao PW

Farman J See Chao PW
Farman J; Tavitian A; Rosenthal LE; et al: focal
esophageal candidiasis in acquired
immunodeficiency syndrome (AIDS),
(Gastrointest Radiol), 11: 213, 1986
Farmer DW See Amparo EG
Farmer DW See Lipton MJ
Farmer DW; Lipton MJ; Webb WR; et al: computed
tomography in congenital heart disease,
(Radiology), 155: 284, 1985
Farmer DW; Moore EH; Amparo EG; et al: calcific
fibrosing mediastinitis: demonstration of
pulmonary vascular obstruction by magnetic
resonance imaging, (AJR), 143: 1189, 1984
Farmlett EJ; Fishman EK; Jones B; et al: torsion of
lipoma of appendix epiploica: CT evaluation,
(JCAT), 9: 366, 1985
Farndon PA; Bianchi A; Waardenburg's syndrome

Farndon PA; Bianchi A: Waardenburg's syndrome associated with total aganglionosis, (Radiology), 152: 849, 1984

Farnum GD See Moreno AJ Farrar FM See Grossman ZD Farrell EE See Birnholz JC

Farrell K See Burton K
Farrelly CA; Daneman A; Chan HSL; et al: occult neuroblastoma presenting with opsomyoclonus: utility of computed tomography, (AJR), 142: 807,

1984

Farrelly CA; Daneman A; Martin DJ; et al: pheochromocytoma in childhood: the important role of computed tomography in tumour localization, (Radiology), 153: 851, 1984

Farrenkopf E: sonography and endoscopy as mutually complementary diagnostic methods, (Radiology), 150: 298, 1984

Farrer PA See Chen NS

Farthing DG See Dixon GD

Farzaneh F See Bohman SA

Fasanelli S; Colajacomo M; Gugliantini P; et al: case of a thoracic vertebral body dislocation without neurological signs in a child with neurofibromatosis, (Pediatr Radiol), 16: 262, 1986

Fass D; Steinfeld A; Brown J; et al: radiotherapeutic prophylaxis of estrogen-induced gynecomastia: study of late sequela, (Int J Radiat Oncol Biol Phys), 12: 407, 1986

Fast A See Nyska M Fasulo CP See Manco LG

Fasuio C.P See Mainco LG Fataar S; Bassiony H; Hamed MS; et al: radiographic spectrum of rectocolonic calcification from schistosomiasis, (A)R), 142: 933, 1984 Fataar S; Bassiony H; Satyanath S; et al: characteristic son 1984

Fataar S; Bassiony H; Satyanath S; et al: CT of hepatic schistosomiasis mansoni, (AJR), 145: 63, 1985

Fataar S; Bassiony H; Satyanath S; et al: CT of schistosomal calcification of the intestine, (AJR), 144: 75, 1985

Fataar S; Cadogan E; Spruyt O: ultrasonography of hepatic venous gas due to diverticulitis, (Br J Radiol), 59: 183, 1986

Fatmi MBE See Spiegel RJ Fatouros PP See Skubic SE

Faul DD See Dixon WT
Faulkner K; Gordon MDH; Miller J: detailed study
of radiation dose and radiographic technique
during chest radiography, (Br ) Radiol), 59: 245,

Faulkner K; Love HG; Sweeney JK; et al: radiation doses and somatic risk to patients during cardiac radiological procedures, (Br J Radiol), 59: 359, 1986

1986
Faure C See Beighton P
Faure C See Schmit P
Faure C See Stokopf CA
Faure F See Padovani J
Favey RD See Kaplan MJ
Favril A See Wilms GE
Fawcett HD See Hayden CK Jr
Fawcett HD See Kumar R
Fawcett HD See Sayle BA
Fawcett HD; Hayden CK; Swischuk LE; et al:
spontaneous extrahepatic biliary duct
perforation in infancy, (J Canad Assoc Radiol),
37: 206, 1986

Fawwaz RA: clinical utility of labeled cells for detection of allograft rejection and myocardial infarction, (Semin Nucl Med), 14: 198, 1984
Fawwaz RA; Oluwole S; Wang TS; Kuromoto N;
Iga C; Hardy MA; Alderson PO: biodistributio of radiolabeled lymphocytes, (Radiology), 155: 483, 1985
Faw H See Marce LC.

Fay JJ See Manco LG
Fayos JV See Ahmad K
Fayos J; Claudon M; Bernard C; et al: value of intravenous arterio-nephro-urotomography in evaluating renal trauma, (Radiology), 152: 551,

Fazl M See Willinsky RA Fazzini E See Balthazar EJ Fazzini E See Kramer EL Fazzini E See Sutker B

Fazzini E See Sutker B
Fearneyhough TC See Hadlock FP
Fearnow EC III; Jaszczak RJ; Harris CC;
Stanfield JA; Coleman RE: esophageal source
measurement of Tc-99m attenuation coefficients
for use in left ventricular volume
determinations, (Radiology), 157: 517, 1985

determinations, (Radiology), 157: 517, 1985
Fearon T; Vuicich JJ; ediatric patient exposures
from CT examinations: GE CT/T 9800 scanner,
(AJR), 144: 805, 1985
Fearon T; Vuicich JJ; Hoe J; et al: comparative
evaluation of rare-earth screen-film systems:
system speed, contrast, sensitometry, RMS
noise, square-wave response function, and
contrast-dose-detail analysis, (Invest Radiol), 21:
654, 1986

Fearon T; Vucich JJ; McSweeney WJ; et al: comparative evaluation of rare earth screen-film systems: free-response operating characteristic analysis and anatomic criteria analysis, (Invest Radiol), 21: 734, 1986 Feasby T See Ebers GC

Feasby T See Ebers GC
Fechner RE See de Lange EE
Fechner RE See de De TL Jr
Fechner RE; Fitz-Hughs GS; Pope TL: extraordinary
growth of giant cell reparative granuloma
during pregnancy, (Radiology), 153: 571, 1984
Feczko PJ See Bernstein MA
Feczko PJ See Keller CE
Feczko PJ See Keller CE
Feczko PJ See Keller CE
Feczko PJ See Monsein LH
Feczko PJ Chinical Pacifogus for medical shudous

Feczko PJ: clinical radiology for medical students, (Radiology), 152: 574, 1984

Feczko PJ; Ackerman LV; Halpert RD; et al: developing an integrated natural language database for gastrointestinal disease, (Radiology), 156: 565, 1985
Feczko PJ; Ackerman LV; Halpert RD; Simms SM:

computer-based gastrointestinal information management system, (Radiology), 152: 297, 1984 Feczko PJ; Barbour J; Halpert RD; Ackerman LV: Crohn disease in the elderly, (Radiology), 157:

303, 1985

Jos. 1985 Feczko PJ; Bernstein MA; Halpert RD; Ackerman LV: small colonic polyps: a reappraisal of their significance, (Radiology), 152: 301, 1984

Feczko PJ; Halpert RD: reassessing the role of radiology in Hemoccult screening, (AJR), 146: 697, 1986

Feczko PJ; Halpert RD; Ackerman LV: gastric polyps: radiological evaluation and clinical significance, (Radiology), 155: 581, 1985

Federle MP See Barakos JA Federle MP See Hashimoto BE Federle MP See Jeffrey RB Jr Federle MP See LaBerge JM Federle MP See McCowin MJ Federle MP See Moon KL Jr Federle MP See Nyberg DA Federle MP See Rhyner P Federle MP See Stark DD Federle MP See Wing VW Federle MP See Wong WS

Federle MP See Wong WS
Federle MP: acute abdomen: computed tomography,
(Radiographics), 5: 307, 1985
Federle MP: CT of upper abdominal trauma, (Semin
Roentgenol), 19: 269, 1984
Federle MP; Burke VD: pancreatitis and its
complications: computed tomography and
sonography, (Semin US CT MR), 5: 414, 1984
Federle MP; Chun G; Jeffrey RB I; et al: computed
tomographic findings in bowel infarction,
(AJR), 142: 91, 1984
Federle MP; Mark AS; Guillaumin ES: CT of
subpulmonic pleural effusions and atelectasis:

subpulmonic pleural effusions and atelectasis: criteria for differentiation from subphrenic fluid, (AJR), **146**: 685, 1986

Federman J See Lew AS Fedio P See Foster NL Fedullo LM See Ramchandani P

Fedullo LM See Ramchandani P
Fedullo LM; Bonakdarpour A; Moyer RA; et al:
giant synovial cysts, (Radiology), 154: 849, 1985
Fedullo PF; See Moser KM;
Fedullo PF; Moser KM; Hartman MT; et al: concise
clinical study. patterns of pulmonary scans in
normal subjects. III. the prevalence of abnormal
scans in nonsmokers 30 to 49 years of age,
(Radiology), 153: 281, 1984

Fedyshin PJ See Halvorsen RA Jr Fedyshin PJ See Rice RP

Fedyshin PJ; Kelvin FM; Rice RP: nonspecificity of barium enema findings in acute appendicitis, (AJR), 143: 99, 1984

Fee H; McGough E: idiopathic multiple systemic aneurysms in a child, (Radiology), 153: 275, 1984

Feeley TW See Halperin BD Fei DY See Shung KK Feibel JH See Tew JM Jr Feig S See Giuliano AE Feig SA See Wang Y

Feig SA: radiation risk from mammography: is it clinically significant?, (AJR), 143: 469, 1984

Feigenbaum H See Petrovic O Feigenbaum LA See Horowitz MI Feigin DS See Friedman PJ

Feigin DS: nocardiosis of the lung: chest radiographic findings in 21 cases, (Radiology), 159: 9, 1986

Feigin DS: talc: understanding its manifestations in the chest, (AJR), 146: 295, 1986 Feigin DS; Padua EM: mediastinal masses: system for diagnosis based on computed tomography, (CT), 10: 11, 1986

Feiglin DH See Modic MT

Feiglin DH: George CR; MacIntyre WJ;
O'Donnell JK; Go RT; Pavlícek W; Meaney TF:
gated cardiac magnetic resonance structural
imaging: optimization by electronic axial
rotation, (Radiology), 154: 129, 1985

Feiglin DHI See Modic MT

Fein AB; Rauch RF II; Bowie JD; et al: value of sonographic screening for gallstones in patients with chest pain and normal coronary arteries, (AJR), 146: 337, 1986

Fein AB; Rauch RF II; Bowie JD; Halvorsen RA Jr; Rosenberg ER: intravenous cholecystokinin octapeptide: its effect on the sonographic appearance of the bile ducts in normal subjects, (Radiology), 153: 499, 1984 Fein G See Brant-Zawadzki M Feinberg DA See Crooks LE

Feinberg DA See Kucharczyk W Feinberg DA See Posin JP

Feinberg DA See Posin JP
Feinberg DA; Crooks LE; Hoenninger JC;
Arakawa M; Watts JC; pulsatile blood velocity
in human arteries displayed by magnetic
resonance imaging, (Radiology), 153: 177, 1984
Feinberg DA; Crooks LE; Hoenninger JC; Watts JC;
Arakawa M; Chang H; Kaufman L: contiguous
thin multisection MR imaging by twodimensional Fourier transform techniques,
(Radiology), 158: 811, 1986
Feinberg DA; Crooks LE; Kaufman L; Brant-

(Kadiology), 198: 811, 1986 Feinberg DA; Crooks LE; Kaufman L; Brant-Zawadzki M; Posin JP; Arakawa M; Watts JC; Hoenninger JC: magnetic resonance imaging performance: comparison of sodium and hydrogen, (Radiology), 156: 133, 1985

Feinberg DA; Hale JD; Watts JC; Kaufman L; Mark A: halving MR imaging time by conjugation: den onstration at 3.5 kG, (Radiology), 161: 527, 1986

(Radiology), 161: 527, 1986
Feinberg DA; Hoenninger JC; Crooks LE;
Kaufman L; Watts JC; Arakawa M: inner
volume MR imaging: technical concepts and
their application, (Radiology), 156: 743, 1985
Feinberg DA; Mills CM; Posin JP; Ortendahl DA;
Hylton NM; Crooks LE; Watts JC; Kaufman L;
Arakawa M; Hoenninger JC; BrantZawadzki M: multiple spin-echo magnetic
resonance imaging, (Radiology), 155: 437, 1985
Feinberg SB See Erick MP.

Feinberg SB See Frick MP

Feinberg SB; Crass JR; Kirkham J: sonography case of the day, (AJR), 144: 1303, 1985

Feiner HD See Hulnick DH Feinstein SB See Keller MW Feinsud M See Front D Feiring AJ See Rees MR

Feital C See Austin RM

Feit A; Reddy CVR; Khan R; et al: changed learning curve for percutaneous transluminal coronary angioplasty. implication for the future treatment of coronary artery disease, (Radiology), 156: 857, 1985

Feivel M See Garniak A Feldberg MAM See Koehler PR Feldberg MAM See Puijlaert CBAJ Feldberg MAM See van Waes PFGM Feldberg MAM; Hendriks MJ; Klinkhamer AC:

massive bilateral non-Hodgkin's lymphomas the adrenals, (Urol Radiol), 8: 85, 1986 Feldberg MAM; van Waes PFGM; Hendriks MJ: direct multiplanar CT findings in cystic teratoma of the ovary, (JCAT), 8: 1131, 1984

Felder RC See Stark DD Feldman BS See Kelsey CA Feldman F See Rosenberg ZS Feldman F See Singson RD

Feldman F See Singson KD Feldman F: radiology of total shoulder prostheses, (Semin Roentgenol), 21: 47, 1986 Feldman L See Eckstein MR Feldman MI See Krithivas G

Feldman N; Makler PT Jr; Alavi A: false-positive indium-111 labeled leukocyte scintigram in a patient with a painful hip prosthesis, (Clin Nucl Med), 11: 38, 1986

Feldman N; Makler PT Jr; Velchik MG: visualization of the uterus on evaluation of transplanted kidneys, (Clin Nucl Med), 11: 62, 1986

Feldman PS See Black WC Feldman PS See Calhoun P Feldman RC See Manger MN Feldman RS See Lichtenfeld PJ Feldman RS See Lichtenteid PJ Feldon SE; Lee CP; Muramatsu SK; et al: quantitative computed tomography of Graves' ophthalmopathy. extraocular muscle and orbital fat in development of optic neuropathy, (Radiology), 157: 859, 1985 Feldman RW; Archie JP Jr. accuracy of ultrasound

arteriography in symptomatic patients with carotid bruits and negative or equivocal noninvasive testing, (Radiol. gy), 154: 857, 1985

Feleppa EJ See King DL Feleppa EJ; Lizzi FL; Coleman DJ; et al: diagnostic spectrum analysis in ophthalmology: physic perspective, (Ultrasound Med Biol), 12: 623, 1986

Felice R; Hutton L; Klein G; cardiac pacemaker leads—a radiographic perspective, (Radiology), 153: 560, 1984 Felix R; Schorner W; Laniado M; Niendorf H-P;

Felix K; Schorner W; Laniado M; Niendorr nr-Claussen C; Fiegler W; Speck U: brain tume MR imaging with gadolinium-DTPA, (Radiology), 156: 681, 1985 Felker R See Scott RI. Fellingham U. See Sommer FG Fellmgham U. See Sommer FG Fellmeth BD; Sandler MP; Thieme GA; et al:

noninvasive evaluation of neonatal aortic thrombosis secondary to umbilical artery catheterization, (AJR), 146: 619, 1986 Fellows KE See Hernanz-Schulman M Fellows KE See Kandarpa K

Fellows KE See Meyerovitz MF Fellows KE See Nancarrow PA Felmlee JP See Ehman RL Felmlee JP See Stears JG Felsenberg D See Hamm B Felson B See Gross BH

Felson B; Schwarz J; Lukin RR; Hawkins HH: idiopathic pulmonary ossification, (Radiolo 153: 303, 1984

Felson D See Singer AM Feltrin G See Miotto D

Feltrin GP: analysis of parenchymal opacification by digital angiography, (Radiology), 157: 849, 1985 Fendel H See Schneider K

Fenech A See Crea F Feneley RCL See Symes MO

Fenichel GM; Webster DL; Wong WKT: intracranial hemorrhage in the term newborn, (Radiology), 152: 848, 1984

Fenster A See Cunningham IA Fenzl G See Heywang SH Ferbert A See Zeumer H Ferens JM See Larson SM

Ferentzi C See Cumming WA
Ferguson BJ See Silverman PM
Ferguson DJ: Sutton HG; Dawson DJ: late effects of
adjuvant radiotherapy for breast cancer,
(Radiology), 156: 287, 1985
Ferguson MK See Little AG
Ferguson MM See Conn IG
Ferguson MM See Conn IG

Ferguson WR See Laird JD Ferin P; Lerner RM: contracted gallbladder: finding in hepatic dysfunction, (Radiology), 154: 769, 1985

Ferlin G; Borsato N; Camerani M; et al: new perspectives in localizing enlarged parathyroids by technetium-thallium subtraction scan, (Radiology), 151: 836, 1984 Fermin DN See Bryant DJ Fernal W See Gilsanz V

Fernal W See Gilsanz V
Fernandes BJ; Amato D; Gol.!finger M: diffuse
lymphomatous polyposis of the gastrointestinal
tract. case report with immunohistochemical
studies, (Radiology), 158: 568, 1986
Fernandez JA; Miles BJ; Buck AS; et al: renal
carbuncle: comparison between surgical open
drainage and closed percutaneous drainage,
(Radiology), 156: 563, 1985
Fernandez S See Zillianti M
Fernandez-Ulloa M See Grossman LW
Fernbach SK See Glass RBJ
Fernbach SK See Raidich TP Fernbach SK See Naidich TP Fernbach SK See Poznanski AK

Fernbach SK See Foznanski AK
Fernbach SK: See Schlesinger AE
Fernbach SK: introduction to radiology in clinical
pediatries, (Radiology), 153: 394, 1984
Fernbach SK; Glass RBJ: uroradiographic
manifestations of Burkit's lymphoma in
children, (Radiology), 161: 576, 1986

Fernbach SK; Lloyd-Still JD: radiographic findings in severe rotavirus-induced colitis, (Radiology), 155: 551, 1985

155: 551, 1985 Fernbach SK; Poznanski AK; Kelikian AS; Tachjdian MO; Marzano MJ: greater trochanteric overgrowth: development and surgical correction. (Radiology), 154: 661, 1985 Fernbach SK; Tucker GF: coin ingestion: unusual appearance of the penny in a child, (Radiology), 158: 512, 1986

Ferrari BT See Bluth EI Ferrari F See Solbiati L

Ferrari LA See Aufrichtig D Ferrazzi E See Nicolini U Perrazzi E Sec Pictolini U; Kustermann A; et al: routine obstetric ultrasound: effectiveness of cross-sectional screening for fetal growth retardation, (JCU), 14: 17, 1986

Ferreira MVC See Minguetti G Ferrentino M See Bolondi L Ferrington C See Notghi A Ferris EJ See Liu G-C

Ferris EJ See Liu G-C Ferris EJ; Holder JC; Lim WN; et al: angiography of pulmonary emboli: digital studies and balloon-occlusion cineangiography, (AJR), 142: 369, 1984 Ferris EJ; Ledor K; ben-Avi DD; Baker ML; Robbins KV; McCowan TC; Sharma B:

Robbins KV; McCowan TC; Sharma B:
percutaneous angioscopy, work in progress,
(Radiology), 157: 319, 1985
Ferrucci JT Jr See Bonnel D
Ferrucci JT Jr See Bonnel D
Ferrucci JT Jr See Butch RJ
Ferrucci JT Jr See Butch RJ
Ferrucci JT Jr See Lelman RR
Ferrucci JT Jr See Lelman RR
Ferrucci JT Jr See Johnson RD
Ferrucci JT Jr See Johnson RD
Ferrucci JT Jr See Loflin TG
Ferrucci JT Jr See Neff CC

Ferrucci JT Jr See Neff CC Ferrucci JT Jr See Papanicolaou N Ferrucci JT Jr See Simeone JF Ferrucci JT Jr See Stark DD Ferrucci JT Jr See vanSonnenberg E

Ferrucci JT Jr See White EM Ferrucci JT Jr See White M Ferszt R See Bradac GB Fertil B See Malaise EP

Festi D See Livraghi T Fetter J; Aram G; Holmes DR Jr; et al: effects of

Fetter J; Aram G; Holmes DR Jr; et al: effects of nuclear magnetic resonance imagers on external and implantable pulse generators, (Radiology). 154: 566, 1985 Fetterman RC See Wackers FJT Fetters DV See Alexieva-Jackson B Feuerstein IM; Harbert JC: hypertrophied thyroid tissue in a thyroglossal duct remnant, (Clin Nucl Med). 11: 135, 1986

Feuerstein IM; Zeman RK; Jaffe MH; et al: perirenal cobwebs: the expanding CT differential diagnosis, (JCAT), 8: 1128, 1984 Feurerman TF; Hieshima GB; Bentson JR; et al:

carotid-cavernous fistula following nasopharyngeal biopsy, (Radiology), 154: 857, 1985

Feurle GE; Weidauer H; Baldauf G; et al: management of esophageal stenosis in recessive dystrophic epidermolysis bullosa, (Radiology), 156: 854, 1985 Fevery J See Marchal GJF

Fewer HD See Yee C Fichte B; Ritzau F; Assmann H: metallic mercury poisoning, a case report, (Radiology), 153; 266, 1984

Fico P See Giorgio A Fiegler W See Felix R
Field DR See Brody AS
Field J See Brooks WM
Field S See Keeling FP Fielding DW See McDowell HP Fielding JA See Carty H Fields WR See Tisnado J Fields WS See Yatsu FM

Fields WS See Yalsu FM Fields WS; Lemak NA; Ben-Menachem Y: thoracic outlet syndrome: review and reference to stroke in a major league pitcher, (AJNR), 7: 73, 1986 Fierer J See Alazraki N Fierro MF See Messmer JM Fierstein J See Pillari G Fiesseing JN See Pernes JM

Fiessinger J-N; Vitoux J-F; Pernes J-M; et al: complications of intraarterial urokinase-lys

complications of intraarterial urokinase-lys-plasminogen infusion therapy in arterial ischemia of lower limbs, (AJR), 146: 157, 1986 Fife D See Rappaport EB Figa R See Farman AG Figley MM: publication in radiology: challenges to tradition, (Radiology), 157: 633, 1985 Fike JR: Cann CF: contrast medium accumulation

Fike JR; Cann CE: contrast medium accumulation and washout in canine brain tumors and irradiated normal brain: a CT study of kinetics, (Radiology), 151: 115, 1984

Fike JR; Cann CE; Norman D; et al: relative uptake of low- and high-osmolality contrast media in CT of brain tumors, (AJNR), 5: 413, 1984

Fike JR; Cann CE; Turowski K; et al: contrast enhancement of brain tumors and irradiated normal brain: comparison of iohexol and iothalamate, (Neuroradiol), 28: 61, 1986

Filderman AE; Shaw C; Matthay RA: lung cancer: part II. staging and therapy, (Invest Radiol), 21: part II. sta 173, 1986

173, 1986 Filderman AE; Shaw C; Matthay RA: lung cancer part I: etiology, pathology, natural history, manifestations, and diagnostic techniques, (Invest Radiol), 21: 80, 1986 Fileni A See Mirk P

Filho DLD See Nyberg DA Filiatrault D See Duprat G Jr Filiatrault D See Grignon A Filiatrault D See Patriquin H

filiatraul D; Perreault G; transient acute tubular disease in a newborn and a young infant: sonographic findings, (J Ultrasound Med), 4: 257, 1985

Filiatrault D; Perreault G; LaBerge JM; et al: CT localization of an ald old boy, (Pediatr Radiol), 16: 85, 1986

Filion R See Grignon A Filion R See Grignon A; Boisvert J: antenatal diagnosis of ipsilateral multicystic kidney in identical twins, (J Ultrasound Med), 4: 211, 1985

Filipchuk NG See Rehr RB Filipczynski L: absorption of longitudinal and shear waves and generation of heat in soft tissues, (Ultrasound Med Biol), 12: 223, 1986

Ciltrasound Med Biol), 12: 2 Fillastre J-P See Bercoff E Filling-Katz M See Hopper KD Filly RA See Abrams SL Filly RA See Amparo EG Filly RA See Callen PW Filly RA See Goldstein RB Filly RA See Gross BH

Filly RA See Hashimoto BE Filly RA See Hoddick WK Filly RA See Hricak H Filly RA See Kleiner B

Filly RA See Kurtz AB Filly RA See Lirette M Filly RA See McCarthy S Filly RA See McCarthy SM

Filly RA See Mahony BS Filly RA See Munyer TP

Filly RA See Nyberg DA Filly RA See Sickles EA Filly RA See Slotnick N Filly RA See Stark DD Filly RA See Weber WN

Filly RA; Chinn DH; Callen PW: alobar holoprosencephaly: ultrasonographic prenatal diagnosis, (Radiology), 151: 455, 1984

diagnosis, (Radiology), 151: 435, 1984
Filly RA; Laing FC; Nyberg DA: abnormal
pregnancy: early diagnosis by US and serum
chorionic gonadotropin levels: reply,
(Radiology), 161: 854, 1986
Filosto L See Pistolesi GF

Filston HC See Kirks DR Finck EJ See Lundell CJ Fine G See Ackerman LV Fine G See Watt AC Fine M See Naheedy MH Fine RN See Diament MJ

Fine RN See Kangarloo H

Finelli L See Giorgio A Finelli PF; Kessimian N; Bernstein PW: cerebral amyloid angiopathy manifesting as recurrent intracerebral hemorrhage, (Radiology), 153: 853,

Finer NN: Robertson CM: Peters KL: et al: factors affecting outcome in hypoxic-ischemic encephalopathy in term infants, (Radiology), 150: 613, 1984

Fink IJ See Miller DL Fink IJ See Pastakia B

Fink IJ; Chinn DH; Callen PW: potential pitfall in the ultrasonographic diagnosis of fetal encephalocele, (Radiology), 151: 834, 1984 Fink IJ; Garra BS; Zabell A; et al: computed

tomography with metrizamide myelography to define the extent of spinal canal block due to tumor, (JCAT), 8: 1072, 1984

Fink IJ; Girton M; Doppman JL: absolute ethanol injection of the adrenal artery: hypertensive reaction, (Radiology), 154: 357, 1985

Fink IJ; Krudy AG; Shawker TH; et al: demonstration of an angiographically hypovascular insulinoma with intraarterial dynamic CT. (AJR), 144: 555, 1985

Fink IJ; Kurtz DW; Cazenave L; et al: malignant thoracopulmonary small-cell ("Askin") tumor, (AJR), 145: 517, 1985

Fink IJ: Lee MA; Gregg RE: radiographic and CT appearance of intraosseous xanthoma mimicking a malignant lesion, (Radiology), 157: 281, 1985

Fink IJ; Pastakia B; Barranger JA: enlarged phalangeal nutrient foramina in Gaucher disease and β-thalassemia major, (AJR), 143: 647,

Fink IJ; Reinig JW; Dwyer AJ; et al: MR imaging of pheochromocytomas, (JCAT), 9: 454, 1985 Fink J See Hill SC

Fink J See Hill SC Fink SM; Lange RC; McCallum RW; effect of metoclopramide on normal and delayed gastric emptying in gastroesophageal reflux patients, (Radiology), 152: 869, 1984 Fink-Bennett D; Carichner S: acute flexion of the

elbow: optimal imaging position for visualization of the capitellum, (Clin Nucl Med), 11: 667, 1986

Fink-Bennett D; Johnson J: stippled ribs: potential pitfall in bone scan interpretation, (J Nucl Med), 27: 216, 1986

Finkelstein J See Bettmann MA
Finkelstein JN See Rubin P
Finkelstein JN See Rubin P
Finkelstein MM; Vingillis JI: radiographic
abnormalities among asbestos-cement workers.
an exposure-response study. (Radiology), 152:
839, 1984

Finkelstein MS; Rosenberg HK; Snyder HM III; et al: ultrasound evaluation of scrotum in pediatrics, (Radiology), 160: 575, 1986 Finkelstein SD See Wall MJ

Finlay DBL See Blanshard KS Finlayson B See Grantham JR Finlayson B See Hunter PT

Finley JP See Belcourt CL
Finn DG; Goepfert H; Batsakis JG: chondrosarcoma
of the head and neck, (Radiology), 157: 572,
1985

Finn EJ; Di Chiro G; Brooks RA; Sato S: ferromagnetic materials in patients: detection before MR imaging, (Radiology), 156: 139, 1985 Finn JC See Kinney TB

Finn IP See Gibson RN Finn JP, Gibson RN: simple, reliable method for fixation of percutaneous drainage catheters, (Radiology), **154**: 547, 1985

Finn JP; Myers MJ; Nair KM; et al: clinical comparison of a new technetium 99m DTPA aerosol delivery system with krypton 81m, (Br J Radiol), 59: 19, 1986

Finn T See Isaacson PG Finney HL See Graves VB

Finnie M; Fullerton GD; Cameron IL: molecular masking and unmasking of the paramagnetic effect of iron on the proton spin-lattice (T<sub>1</sub>) relaxation time in blood and blood clots, (Magn Res Imag), 4: 305, 1986

Fiorentini G See Zappasodi F Firer P See Hertzanu Y Firmin DN See Nayler GL Firnau G See Chirakal R Firooznia H See Golimbu C Firooznia H See Leitman BS Firooznia H See Rafii M

FIFOZOZIA H See KAITI M FIFOZOZIA HJ, Benjamin V; Kricheff II; et al: CT of lumbar spine disk herniation: correlation with surgical findings. (A)NR). 5: 91, 1984 FIFOZOZIA H, Golimbu C; Rafii M; et al: computed tomography of spinal chordomas, (CT), 10: 45, 1986

Firooznia H; Golimbu C; Rafii M; Schwartz MS: oznia H; Golimbu C; Karli M; Schwartz M; rate of spinal trabecular bone loss in normal perimenopausal women: CT measurement, (Radiology), **161**: 735, 1986

Firozznia H; Rafii M; Golimbu C; et al: computed tomography of pressure sores, (Radiology), 152: 561, 1984

Firooznia H; Rafii M; Golimbu C; Schwartz MS; Ort P: trabecular mineral content of the spine in women with hip fracture: CT measurement, (Radiology), 159: 737, 1986

Fischbach W See Becker W Fischer A See Garel L

Fischer E: influence of steroids on the development of soft tissue calcification at th margins of the distal tuberosities (tufts) of the fingers, (Radiology), 156: 564, 1985 Fischer E: phalangeal osseous changes due to

rischer E: phalaingear osseous changes due to tenosynovitis in rheumatoid arthritis, (Radiology), 156: 268, 1985 Fischer E: soft tissue changes of the wrist in rheumatoid arthritis: results of low kV radiography in three views, (Radiology), 159: 822, 1986

Fischer E: subungual calcification in the normal nailbed of the toes, (Radiology), 152: 843, 1984

Fischer E: synovial and enthesitic reactions at the digits and wrist in sympathetic reflex dystrophy, (Radiology), 159: 822, 1986
Fischer EG; Morris JH; Kettyle WM: intrasellar gangliocytoma and syndromes of pituitary hypersecretion, case report, (Radiology), 152: 856, 1984 Fischer GG See Walsh MN

Fischer GG, Anderson DC; Farber R; et al: prediction of carotid disease by ultrasound and digital subtraction angiography, (Radiology), 157: 283, 1985 Fischer HI See Uhlenbrock D

Fischer HW: catalog of intravascular contrast media (Radiology), 159: 561, 1986

Fischer HW: contamination of contrast agents by rubber components of 50-ml disposable syringes: comments, (Radiology), 152: 540, 1984

syringes: comments, (Radiology), 152: 540, 1984
Fischer HW: exposure of the pregnant patient to
diagnostic radiations: guide to medical
management, (Radiology), 160: 414, 1986
Fischer HW: notes on radiological diagnosis, 2d ed.,
(Radiology), 160: 90, 1986
Fischer HW; Katzberg RW; Morris TW; Spataro RF:
systemic response to excretory urography. work
in progress, (Radiology), 151: 31, 1984

in progress, (Kadiology), 151: 31, 1984
Fischer JJ See Peschel RE
Fischer JJ; Rockwell S; Martin DF:
perfluorochemicals and hyperbaric oxygen in
radiation therapy, (Int J Radiat Oncol Biol Phys),
12: 95, 1986
Fischer JR See McNamara TO
Fischer M See Peters PE

Fischer M See Peters PE Fischer ME, Reed TP; Red DE: silicone devices for tubal occlusion: radiographic description and evaluation, (Radiology), 151: 601, 1984 Fischer P; Franken T; Molitor D: new simple procedure for immersion sonography of scrotum in real-time technique, (Radiology), 150-299 1984

Fish VJ See Ray GR

Fish VJ See Ray GR
Fishell E See Boyd NF
Fisher B; Cheung AYC: delayed effect of radiation
therapy with or without chemotherapy on
ovarian function in women with Hodgkin's
disease. (Radiology). 152: 559, 1985
Fisher B; Saffer EA; Deutsch M: influence of
irradiation of a primary tumor on the labeling
index and estrogen receptor index in a distant
tumor focus, (Int J Radiat Oncol Biol Phys), 12:
879, 1986

Fisher DC; Sahn DJ; Friedman MJ; et al: mitral Pisher DC; Sahn DJ; Friedman MJ; et al: mittal valve orifice method for noninvasive two-dimensional echo Doppler determinations of cardiac output, (Radiology), 151: 273, 1984
Fisher DR See Vaughan ATM
Fisher JC See Waqueiro M
Fisher JC See Mealer WR

Fisher JR See Geslien GE Fisher M See Fallis RJ

Fisher M See Faills R)
Fisher MS See Early JF
Fisher MF: 1985 year book of Nuclear Medicine,
(Radiology), 157: 456, 1985
Fisher MF: atlas of normal skeletal scintigraphy,
(Radiology), 161: 190, 1986
Fisher MF: parietie nuclear medicine (Padiology)

Fisher MF: geriatric nuclear medicine, (Radiology), 158: 62, 1986

Fisher MF: nuclear medicine in clinical urology and nephrology, (Radiology), 159: 736, 1986 Fisher MR See Didier D Fisher MR See Dooms GC

Fisher MR See Hricak H Fisher MR See McCarthy S Fisher MR See Mendelson EB

Fisher MR See von Schulthess GK Fisher MR See Wall SD

Fisher MR, Barker B; Amparo EG; Brandt G; Brant-Zawadzki M; Hricak H; Higgins CB: MR imaging using specialized coils, (Radiology), 157: 443, 1985

Fisher MF, Christ ML; Bernstein JR: necrotizing sarcoid-like granulomatosis: radiologic-pathologic correlation, (Radiology), 156: 261, 1985

Fisher MR; Higgins CB: central thrombi in pulmonary arterial hypertension detected by MR imaging, (Radiology), 158: 223, 1986 Fisher MR; Higgins CB; Andereck W: MR imaging of an intrapericardial pheochromocytoma, (JCAT), 9: 1103, 1985

(ICAT), 9: 1103, 1985
 Fisher MR, Hricak H; Crooks LE: urinary bladder MR imaging, part I. normal and benign conditions, (Radiology), 157: 467, 1985
 Fisher MR, Hricak H; Higgins CB: magnetic resonance imaging of developmental venous anomalies, (AIR), 148: 705, 1985
 Fisher MR; Hricak H; Reinhold C; et al: female (AIR), 146, 150, 144.

urethral carcinoma: MRI staging, (AJR), 144: 603, 1985 Fisher MR; Hricak H; Tanagho EA: urinary bladder MR imaging. part II. neoplasm, (Radiology), 157: 471, 1985

Fisher MR; Lipton MJ; Higgins CB: magnetic resonance imaging and computed tomography in congenital heart disease, (Semin Roentgenol),

20: 272, 1985 Fisher MR; Mendelson EB; Mintzer RA: allergic

bronchopulmonary aspergillosis: a pictorial essay. (Radiographics). 4: 445, 1984 Fisher MR, Mendelson EB, Mintzer RA; et al: use of linear tomography to confirm the diagnosis of allergic bronchopulmonary aspergillosis, (Radiology), 157: 278, 1985

Fisher MR; Rogers LF; Hendrix RW; et al: carpometacarpal dislocations, (Radiology), 155: 852, 1985

Fisher MR; von Schulthess GK; Higgins CB: multiphasic cardiac magnetic resonance imaging: normal regional left ventricular wall thickening, (AJR), 145: 27, 1985

Fisher MR; Wall SD; Hricak H; et al: hepatic vascular anatomy on magnetic resonance imaging, (AJR), 144: 739, 1985

imaging, (AJR), 144: 739, 1985
Fisher MS: Adam's lobe, (Radiology), 154: 547, 1985
Fisher MS: ascites: comparison of plain radiographs
with ultrasonograms, (Radiology), 155: 255, 1985
Fisher MS: hyoid bone elevation. sign of tracheal
transection, (Radiology), 158: 564, 1986
Fisher RM; Lipinski JK, Cremin BJ: ultrasonic
assessment of infectious meningitis,
(Radiology), 154: 853, 1985
Fisher S See Brady LW
Fisher SR See Silverman PM
Fishman EK See Chaloupka JC
Fishman EK See Cockey BM
Fishman EK See Cockey BM
Fishman EK See Ockey BM
Fishman EK See Davis MC

Fishman EK See Davis MC Fishman EK See Fakhri A

Fishman EK See Farmlett EJ Fishman EK See Friedman AC

Fishman EK See Gatewood OMB Fishman EK See Goldman SM Fishman EK See Greenstein S Fishman EK See Greyson-Fleg RT

Fishman EK See Jacobs CG

Fishman EK See Jones B Fishman EK See Kuhlman JE Fishman EK See Magid D Fishman EK See Marshall FF Fishman EK See Meziane MA Fishman EK See Owen RS

Fishman EK See Roberts JL Fishman EK See Rostock RA Fishman EK See Scatarige JC Fishman EK See Schwartz AR

Fishman EK See Siegelman SS Fishman EK See Soulen MC Fishman EK See Yang N-C

Fishman EK See Yousem DM Fishman EK See Zerhouni EA Fishman EK; Gayler BW; Magid D; et al: external jugular vein thrombosis: CT demonstration, (JCAT), 9: 580, 1985

Fishman EK; Hartman DS; Goldman SM; et al: CT appearance of Wilms tumor, (Radiology), 151: 555, 1984

555, 1984

Fishman EK; Magid D; Mandelbaum BR; Scott WW
Jr; Weiss P; Hadfield R; Mudge B; Kopits SE;
Brooker AF; Siegelman SS: multiplanar (MPG)
imaging of the hip, (Radiographics), 6: 7, 1986

Fishman EK; Magid D; Robertson DD; Brooker AF;
Weiss P; Siegelman SS: metallic hip implants:
CT with multiplanar reconstruction,
(Radiology), 160: 675, 1986

(Radiology), 100: 6/5, 1986 Fishman EK, Zinreich ES; Jacobs CG; Rostock RA; Siegelman SS: CT of the axilla: normal anatomy and pathology, (Radiographics), 6: 475, 1986 Fishman EK; Zinreich SJ; Kumar AJ; et al: sacral abnormalities in Marfan syndrome, (Radiology), 152: 261, 1984 Fishman JE See Grossman RI

Fishman JE See Joseph PM Fishman M See Boxer RA Fishman M See Rao VM

Fishman MC; Borden S IV; Cooper A: dissection sign of nonreducible ileocolic intussusception, (AJR), 143: 5, 1984

(AJK), 143: 3, 1704 Fishman MC; Pollack HM; Arger PH; et al: radiographic manifestations of spontaneous renal sinus hemorrhage, (AJR), 142: 1161, 1984

Fisk JD See Johnson DM Fitch SJ See Magill HL Fitch SJ See Pugh TF Fitch SJ See Tonkin ILD

Fitch SJ; Gerald B; Magill HL; Tonkin ILD: central nervous system hypoxia in children due to near drowning, (Radiology), 156: 647, 1985 Fitch SJ; Magill HL; Herrod HG; et al:

hyperimmunoglobulinemia E syndrome: pulmonary imaging considerations, (Pediatr Radiol), **16**: 285, 1986

Fitch SJ; Stapleton FB: ultrasonographic features of glomerulocystic disease in infancy: similarity to infantile polycystic kidney disease, (Pediatr Radiol), 16: 400, 1986

Fitch SJ; Tonkin ILD; Tonkin AK: imaging of foregut duplication cysts, (Radiographics), 6:

Fitz CR See Altman N Fitz CR See Kingsley DPE Fitz CR See Pettersson H

Fitz CR: holoprosencephaly and related entities, (Radiology), 151: 821, 1984

Fitz CR; Chung CH; Harwood-Nash DC: computed tomography diagnosis of eye tumors and anomalies in early childhood and infancy, (Radiology), 158: 282, 1986 Fitzgerald E See Clements R

Fitzgerald E See Coblents C
Fitzgerald EF See Thompson GT
Fitzgerald EJ; Toi A: antenatal ultrasound diagnosis
of cystic adenomatoid malformation of the lung,
() Canad Assoc Radiol), 37: 48, 1986

Fitzgerald RH Jr See Merkel KD Fitzgerald TJ See Rich TA
Fitzgerald TJ See Wang A-M

Fitzgerald T); McKenna M; Kase K; et al: effect of x-irradiation dose rate on the clonagenic survival of human and experimental animal hematopoietic tumor cell lines: evidence for heterogeneity, (Int J Radiat Oncol Biol Phys), 12: 69, 1986

59, 1980 Fitz-Hughs GS See Fechner RE Fitzpatrick ML See Goolden AWG Fitzpatrick PJ See Chenery SGA Fitzpatrick PJ. Tepperman BS: carcinoma of the floor of the mouth, (Radiology), 150: 864, 1984 Fitzsimmons JR See Hamlin DJ

Fitzsimmons JR See Laurin S Fitzsimmons IR See Slone RM

Fitzsimmons JR; Googe RE: multisection-multiecho

Fitzsimmons JR; Googe RE: multisection-multiecho MR imaging: effect on image quality, (Radiology), 157: 813, 1985 Fitzsimmons JR; Thomas RG; Mancuso AA: proton imaging with surface coils on a 0.15-T resistive system, (Radiology), 157: 285, 1985 Fitzsimons P See Millward SF

Fitzsimons PJ; Frost RA; Millward SF; et al: prenatal and immediate postnatal

ultrasonographic diagnosis of ureterocele, (J Canad Assoc Radiol), 37: 189, 1986 Fiallbrant B See Selbing A

Flachs K: rontgenologische herzvolumenbestimmung, (Radiology), 150: 6, 1984

Flak B See Burhenne LJW Flak B; Li DKB; Ho BYB; et al: magnetic resonance imaging of aneurysms of the abdominal aorta, (AJR), 144: 991, 1985

Flament-Durant J See Schils J Flanagan JA See Folberg R Flanagan LD See Peter DJ

Flanagan M See Wells IP Flanagan M 3:e Wells IT: Flanagan RJ; Charleson FP; Synnes EI; et al: radiolabeling with organomercury compounds: part 2. high specific activity synthesis of iodine-125 and iodine-131-6-iodocholest-5-en-3β-ol and its tissue distribution in rats, (J Nucl Med), 27: 1165, 1986

1165, 1986
Flanigan DP See Sigel B
Flanigan DP See Wilbur AC
Flanigan RC See Bernardy MO
Flanigan RC; Patterson J; Mendiondo OA; et al:
complications associated with preoperative
radiation therapy and iodine-125 brachytherapy
for localized prostatic carcinoma, (Radiology),
151: 838, 1984

Flannery JT See Conant JK

Flannery JT See Conant JA Flannigan B See Lufkin RB Flannigan BD; Bradley WG Jr; Mazziotta JC; Rauschning W; Bentson JR; Lufkin RB; Hieshima GB: magnetic resonance imaging of the brainstem: normal structure and basic functional anatomy, (Radiology), 154: 375, 1985

Flatau E See Garty I Flatley TJ See Collier BD Flatman WD See Caplin JL Flax S See Taylor KJW Flechner SM See Hezmall HP Flechner SM See Kim EE

Fleckman AM; Schubart UK; Danziger A; et al: empty sella of normal size in Sheehan's syndrome, (Radiology), 151: 824, 1984

Flehinger BJ See Heelan RT Flehinger BJ See Melamed MR

Flehinger BJ; Melamed MR; Zaman MB; et al: early lung cancer detection: results of the initial (prevalence) radiologic and cytologic screening in the memorial Sloan-Kettering study, (Radiology), 155: 848, 1985

Fleischer AC See Boehm FH Fleischer AC See Burks DD Fleischer AC See James AE Ja Fleischer AC See Kaufman Al Fleischer AC See Warner MA

Fleischer AC, Bundy AL, Hutchison AA; et al: sonographic depiction of changes in ventricular size associated with repeated ventricular aspirations, (Radiology), 152: 848, 1984 Fleischer AC; Kalemeris GC; Entman SS:

sonographic depiction of the endometrium during normal cycles, (Ultrasound Med Biol), 12: 271, 1986

Fleischer AC; Kalemeris GC; Machin JE; et al: sonographic depiction of normal and abnormal endometrium with histopathologic correlation, (J Ultrasound Med), 5: 445, 1986

Fleischer AC; Thieme GA; Winfield AC; et al: breast sonotomography and high-frequency, hand-held, real-time sonography: clinical comparison, (J Ultrasound Med), 4: 577, 1985

Fleischman LE See Slovis TL Fleischman LE See Slovis 1L Fleishman AB; Notley HM; Wilkinson JM: cost benefit analysis of radiological protection: a case study of remote after-loading in gynaecological radiotherapy. (Radiology), 153: 862, 1984 Fleming CA See Zimmerman RD Fleming JC; Pysher TJ; Leonard JC: myocardial localization of technetium-99m MDP in an infant. (Clin Nucl Med), 11: 369, 1986 Fleming JS See Hanes TK Fleming LL See Szczukowski M Jr Flemming BK See Campbell DR

riemming BD. See Campbell DK Fletcher BD See Schultz CL Fletcher BD: Dearborn DG; Mulopulos GP: MR imaging in infants with airway obstruction: preliminary observations, (Radiology), 160: 245, 1986

Fletcher BD; Jacobstein MD: MRI of congenital abnormalities of the great arteries, (AJR), 146: 941, 1986

Fletcher BD; Jacobstein MD; Nelson AD; Riemenschneider TA; Alfidi RJ: gated magnetic resonance imaging of congenital cardiac malformations, (Radiology), 150: 137,

1984 Fletcher BD; Kopiwoda SY; Strandjord SE; Nelson AD; Pickering SP: abdominal neuroblastoma: magnetic resonance imaging and tissue characterization, (Radiology), 155: 699, 1985

Fletcher BD; Nelson AD; Scoles PV: osteomyelitis in children: detection by magnetic resonance: reply, (Radiology), 153: 263, 1984 Fletcher BD; Scoles PV; Nelson AD: osteomyelitis

Fletcher BD; Scoles PV; Nelson AD: osteomyelitis in children: detection by magnetic resonance, (Radiology), 150: 57, 1984 Fletcher EWL; Baum JD; Draper G: risk of diagnostic radiation of the newborn, (Br J Radiol), 59: 165, 1986

Fletcher I See Sundaram M Fletcher JW See Lin MS Fletcher ME See Mafee MF Flicker S See Rees MR Flicker S See Steiner RM Flisak ME See Demos TC

Flodmark O See Aitken AGF Floersheim GL; Floersheim P: protection against ionising radiation and synergism with thiols by zinc aspartate, (Br J Radiol), **59:** 597, 1986 **Floersheim P** See **Floersheim GL** 

Floman Y See Gomori JM Floman Y See Nyska M Flores AD See Dickson RI

Flores AD See Dickson KI Flores NA See Davies RL Flournoy JG See Cone RO III Flournoy JG See Potter JL Flournoy JG; Potter JL; Sullivan BM; et al: CT appearance of multifocal hepatic steatosis, appearance of multifocal (JCAT), 8: 1192, 1984 Flower CDR See Phillips MS

Flower MA See Ott RJ

Flower MA See Webb S Flowers JL; Burton GV; Cox EB; et al: use of monoclonal antiestrogen receptor antibody to evaluate estrogen receptor content in fine-needle aspiration breast biopsies, (Radiology), 160: 857, 1986

Floyd JL See Chasen MH Floyd JL See Jackson DE Jr

Floyd JL; Dorwart RH; Nelson MJ; et al: pituitary hyperplasia secondary to thyroid failure: CT appearance, (AJNR), 5: 469, 1984

appearance, (AJNK), 5: 409, 1984
Floyd JL; Jackson DE Jr; Carretta R: appearance of hyperostosis frontalis interna on indium-111 leukocyte scans: potential diagnostic pitfall, (J Nucl Med), 27: 495, 1986

Flyckt L See Bergstrand G Flye MW See Rigsby CM Flye MW See Taylor KJW Flynn MJ See Ackerman LV Flynn MJ See Block RW Flynn MJ See Watt AC Flynn TC See Vincent LM Foale R See Selwyn AP Fobbe F See Hamm B

Fodor J III; Malott JC; Moulton J: carpal tunnel ring artifact, (AJR), 144: 765, 1985

Fogarty TJ See Kinney TB Fogarty TJ See Zimmerman JJ

Fogelfeld L; Rubinstein U; Bar-On J; et al: severe thyrotoxicosis caused by an ectopic intrathoracic goiter, (Clin Nucl Med), 11: 20, 1986

Fogelman I See McKillop JH

Fogelman I See McKillop JH
Fogelman I; McKillop JH; Bessent RG; et al:
successful localization of parathyroid
adenomata by thallium-201 and technetium99m subtraction scintigraphy: description of an
improved technique, (Radiology, 136: 571, 1985
Fogelman I; McKillop JH; Gray HW: "hot patella"
stim: is it of any digital stimificance? consists

sign: is it of any clinical significance? concise communication, (Radiology), 151: 562, 1984 Foggs MB See Schwartz EE

Folberg R; Cleasby G; Flanagan JA; et al: orbital leiomyosarcoma after radiation therapy for bilateral retinoblastoma, (Radiology), 152: 566,

Foley LC See Campbell JB

Foley LC See Strain ID Foley WD See Alpern MB Foley WD See Cates ID

Foley WD See Cramer M Foley WD See Dodds WJ

Foley WD See Dodds WJ Foley WD See Goodman LR Foley WD See Lawson TL Foley WD See Thorsen MK Foley WD; Beres J; Smith DF; et al: IV and intraarterial hybrid digital subtraction angiography: clinical evaluation, (AJR), 147: 613, 1986

Foley WD; McDaniel D; Milde MW; Bell R: digital subtraction angiography of the extremities using table translation, (Radiology), 157: 255,

Foley WD; Milde MW: intra-arterial digital subtraction angiography, (Radiol Clin North Am), 23: 293, 1985

Am), 23: 293, 1985

Foley WD; Smith DF; Milde MW; Lawson TL;
Towne JB; Bandyk DF: intravenous DSA
examination of patients with suspected cerebral
ischemia, (Radiology), 151: 651, 1984

Foley WD; Wilson CR; San Dretto M: effect of
varying high pass filter parameters on the
detectability of isolated pulmonary nodules in
digitized chest images, (Invest Radiol), 21: 305,
1986

Folk ER See Mafee MF Folmer SCCR See Rovekamp MH Fond A See Bret PM Fonda C See Gardeur D Fong KW See Rahmani MR

rong KW See Kanmani MK
Fong KW; Rahmani MR; Rose TH; et al: fetal renal
cystic disease: sonographic-pathologic
correlation, (AJR), 146: 767, 1986
Fong TC; Jones RD; Long M; et al: CT of pituitary
abscess, (AJR), 144: 1141, 1985
Fonkalsrud EW See Dudley JP
Font RI See Hidayar A

Fonkalsrud EW See Dudley JP Font RL See Hidayat AA Font RL; Wheeler TM; Boniuk M: intravascular papillary endothelial hyperplasia of the orbit and ocular adnexa: a report of five cases, (Radiology), 152: 260. 1984
Fontana RS; Sanderson DR; Taylor WF; et al: early lung cancer detection: results of the initial (prevalence) radiologic and cytologic screening in the Mayo Clinic Study, (Radiology), 155: 848, 1985

Foote KD; Vickers DW: congenital pleural effusion in Down's syndrome, (Br J Radiol), 59: 609, 1986 Forbes G See Jack CR Jr Forbes G; Gehring DG; Gorman CA; et al: volume

measurements of normal orbital structures by computed tomographic analysis, (AJNR), 6: 419, 1985 Forbes G; Gorman CA; Brennan MD; et al:

ophthalmopathy of Graves' disease: computerized volume measurements of the orbital fat and muscle, (AJNR), 7: 651, 1986

Forbes GS See Earnest F IV Forbes GS See Olsen KD Forbes PA See Jequier S Force T; Bloomfield P; O'Boyle JE; et al:

quantitative two-dimensional echocardiographic analysis of motion and thickening of the interventricular septum after cardiac surgery, (Radiology), 152: 265, 1984 Ford CN See Rijetz DR Ford CV See Winfield AC

Ford E See Staron RB Ford JJ See Rokey R Ford KK See Braun SD
Ford KK See Degesys GE
Ford KK See El-Mahrouky A
Ford KK See Harris CC

Ford KK See Illescas FF

Ford KK See Miller GA Jr Ford KK: Braun SD; Miller GA Jr; et al: intravenous digital subtraction angiography in the preoperative evaluation of renal masses, (AJR), 145: 323, 1985

145: 323, 1985
Ford KK; Braun SD; Miller GA Jr; et al: temporary nephrostomy catheter for the staged removal of renal stones, (AJR), 144: 143, 1985
Ford KK; Braun SD; Moore AV Jr; et al: percutaneous transluminal angioplasty in diabetic patients: an effective treatment

modality, (Radiology), 155: 852, 1985 Ford MJ; Anderson JR; Gilmour HM; et al: clinical

Ford MJ; Anderson JR; Gilmour F spectrum of "solitary ulcer" of (Radiology), 151: 259, 1984 Ford WB See Sirvella S Fordham EW See Anees A Fordham EW See Salomon CG Foret JD See Weigel JW Fork F-T See Ekberg O Forman A See Piwnica-Worms D

Forman A See Piwnica-Worms D
Forman JD; Wharam MD; Lee Dj; et al: definitive radiotherapy following prostatectomy: results and complications, (Int J Radiat Oncol Biol Phys). 12: 185, 1986
Formanek AG See Glass TA
Formanek AG See Gomes AS
Fornage BD: Achilles tendon: US examination, (Radiology), 159: 759, 1986

Fornage BD: transrectal ultrasound diagnosis of a misplaced Foley catheter, (JCU), 14: 629, 1986 Fornage BD; Deshayes J-L: ultrasound of normal skin, (JCU), 14: 619, 1986

Fornage BD; Deshayes J-L: ultrasound of normal skin, (CUD, 14: 619, 1986

Fornage BD; Nerot C: sonographic diagnosis of rhabdomyolysis, (CUD, 14: 389, 1986

Fornage BD; Rifkin MD: ultrasound examination of the hand, (Radiology), 160: 833, 1986

Fornage BD; Rifkin MD; Touche DH; et al: sonography of the patellar tendon: preliminary observations, (AJR), 143: 179, 1984

Fornage BD; Schernberg FL; sonographic diagnosis of foreign bodies of the distal extremities, (AJR), 147: 567, 1986

Fornage BD; Schernberg FL; Rifkin MD; et al: sonographic diagnosis of glomus tumor of the finger, (I Ultrasound Med), 3: 523, 1984

Fornage BD; Schernberg FL; Rifkin MD: ultrasound of the hand, (Radiology), 153: 785, 1985

Fornage BD; Touche DH; Segal P; et al: ultrasonography in the evaluation of muscular trauma, (Radiology), 153: 280, 1984

Fornasier VL; Paley D: leiomyosarcoma in bone: primary or secondary? a case report and review of the literature, (Radiology), 153: 562, 1984

Forrest HS see Vallance

Forrest JV See Olson LK

Forrest IV See Olson LK Forrest MD See O'Reilly GV Forrest ME See Cho KJ Forrester DM See Radin DR Forsberg L See Akesson A
Forsberg L See Ekelund L
Forsberg L See Kurol M
Forsberg L See Samuelsson L

Forsberg L; Holmin T: pulsed Doppler and B-mode ultrasound features of interposition meso-caval and porta-caval shunts, (Radiology), 152: 864, 1984

1984
Forsythe J See Cubberley DA
Fortgang KC See Radin DR
Fortier KJ; Clarke-Pearson DL; Creasman WT; et al:
fine-needle aspiration in gynecology:
evaluation of extra pelvic lesions in patients
with gynecologic malignancy, (Radiology), 156:
273, 1985

Fortner A; Datz FL; Taylor A Jr; et al: uptake of 
111In-labeled leukocytes by tumor, (AJR), 146: 621,

Fortner A; Taylor A Jr; Alazraki N; et al: advantage of indium-111 leukocytes over ultrasound in imaging an infected renal cyst, (J Nucl Med), 27: 1147, 1986

Fortner G See Schubart P Fossa SD See Lien HH

Fossa SD See Lien HH
 Fossa SD; Abeler V; Marton PF; et al: sarcoid reaction of hilar and paratracheal lymph nodes in patients treated for testicular cancer, (Radiology, 159: 572, 1986
 Fossa SD; Almaas B; Jetne V; et al: paternity after irradiation for testicular cancer, (Acta Radiol [Oncol]), 25: 33, 1986
 Fossel ET; Hoefeler H: observation of intracellular potessium and exiting in the heart by NMP;

potassium and sodium in the heart by NMR: major fraction of potassium is "invisible", (Magn Res Med), 3: 534, 1986

Foster DR See Bly SHP Foster DR See Foster ME Foster DR See Foster ME
Foster MA See MacLennan FM
Foster MA See Runge VM
Foster ME; Foster DR: operative
cholangiography—techniques and
inadequacies, (Radiology), 155: 271, 1985
Foster NL See Grimes AM
Foster NL; Chase TN; Fedio P; et al: Alzheimer's
disease: focal cortical changes shown by
positron emission tomography, (Radiology),
151: 551, 1984
Foster T See Daniels DI.

Foster T See Daniels DL Foster T See Roberts D Foster TH See Bilaniuk LT Foster TH See Katzberg RW Foster TH See Schenck JF

Foster W. Jr See Gibbons RG
Foster W. Jr See Gibbons RG
Foster W. Jr See Halvorsen RA Jr
Foster W. Jr See Rosenberg ER
Foster W. Jr See Thompson WM
Foster W. Jr; Halvorsen RA Jr; Dunnick NR:

clandestine renal cell carcinoma: atypical appearances and presentations, (Radiographics), 5: 175, 1985

Foster WL Jr; Heinsimer JA; Parrish DE: left upper quadrant pain and intermittent bacteremia, (Invest Radiol), 21: 488, 1986

(Invest Natiol), 21: 488, 1986
Foster W. I.; Pratt PC; Roggli VL; Godwin JD;
Halvorsen RA Jr; Putman CE: centrilobular
emphysema: CT-pathologic correlation,
(Radiology), 159: 27, 1986
Foster WL Ir; Roberts L Jr; McLendon RE; et al:
localized peribronchial thickening: CT sign of
occult bronchogenic carcinoma, (AJR), 144: 906,
1985

Fotion N; Conrad CC: authorship and other credits, (Radiology), 152: 272, 1984

Fotter R See Kopp W
Fotter R; Kopp W; Klein E; Hollwarth M; Uray E:
unstable bladder in children: functional
evaluation by modified voiding
cystourethrography, (Radiology), 161: 811, 1986
Foundate See El-Khoury GY

Fougner R See Anda S Foulks GN See Osborne DR Fourcin AJ See Noscoe NJ Fouron J-C See Matina D Fowble B See Solin LJ

Fowler AA; Hamman RF; Good JT; et al: adult respiratory distress syndrome: risk with common predispositions, (Radiology), 150: 611,

1984: Fowler JF: fractionated radiation therapy after Strandqvist, (Radiology), 156: 288, 1985: Fowler JF: potential for increasing the differential response between tumors and normal tissues: can proliferation rate be used?, (Int J Radiat Oncol Biol Phys), 12: 641, 1986

Oncol Biot Phys), 12: 641, 1986
Fowler JF: scientific perspectives on recent progress
in radiation oncology, (Int J Radiat Oncol Biol
Phys), 12: 709, 1986
Fowler JS See Shiue C-Y
Fowlie F; Giacomantonio M; McKenzie E; et al:
antenatal sonographic diagnosis of adrenal
neuroblastoma, (J Canad Assoc Radiol), 37: 50,

Fox AJ See Dion JE Fox AJ See Kan S Fox AJ See Kumar AJ Fox AJ See Omojola MF Fox AJ See Pelz DM

Fox AJ See Pelz DM
Fox AJ See Spiegel SM
Fox AJ See Vezina JL
Fox AJ See Vezina JL
Fox AJ See Vinuela FV
Fox AJ; Segousslavsky J; Carey LS; et al: magnetic
resonance imaging of small medullary
infarctions, (AJNR), 7: 229, 1986
Fox AJ; Girvin JP; Vinuela FV; et al: rolandic
arteriovenous malformations: improvement in
limb function by IBC embolization, (AJNR), 6:
575, 1985
Fox ER: Laufer J: Levine MS: resonne of gastric

575, 1985
Fox ER; Laufer I; Levine MS: response of gastric lymphoma to chemotherapy: radiographic appearance, (AJR), 142: 711, 1984
Fox JL See Al-Mefty O
Fox MS; Wilk PJ; Weissmann HS; et al: acute acalculous cholecystitis, (Radiology), 154: 847,

1985

Fox P See Revel D Fox PT, Ferlmutter JS; Raichle ME: stereotactic method of anatomical localization for positron emission tomography, (JCAT), 9: 141, 1985 Fox RI See Bone RC

Fox S; Baum JK; Klos DS; Tsou CV: breast cancer screening: underuse of mammography, (Radiology), 156: 607, 1985

Foxman S; Cameron JD: clinical implications of bilateral microphthalmos with cyst, (Radiology), 155: 276, 1985

Foy PM See Rifkin MD Fraass BA; Miller RW; Kinsella TJ; et al: intraoperative radiation therapy at the National Cancer Institute: technical innovations and dosimetry, (Radiology), 158: 576, 1986 Frackowiak RS See Bernardi S

Frackowiak RS see Bernard S Frager D See Wolf EL Frager DH; Elkin CM; Kansler F; et al: extraspinal abnormalities identified on lumbar spine CT, (Neuroradiol), 28: 58, 1986

(Neuroradiol), 28: 58, 1986

Frager DH; Frager JD; Brandt LJ; Wolf EL;

Rand LG; Klein RS; Beneventano TC:
gastrointestinal complications of AIDS:
radiologic features. (Radiology), 158: 597, 1986

Frager DH; Frager JD; Wolf EL; et al:
cytomegalovirus colitis in acquired immune
deficiency syndrome: radiologic spectrum,
(Gastrointest Radiol), 11: 241, 1986

Frager J See Wolf EL

Frager J See Wolf EL

Frager JD See Frager DH

Frager JD See Frager DH
Frahm J See Masse A
Frahm J See Matthaei D
Frahm J; Haase A, Hanicke W; Matthaei D;
Bomsdorf H; Helzel T: chemical shift selective
magnetic resonance imaging using a wholebody magnet, (Radiology), 156: 441, 1985
Frahm J; Haase A; Matthaei D: rapid NMR imaging
of dynamic processes using the FLASH
technique, (Magn Res Med), 3: 321, 1986
Frahm J; Haase A; Matthaei D: rapid threedimensional MR imaging using the FLASH
technique, (JCAT), 10: 363, 1986
Fram EK See Vock P
Frame B See Burnstein MI

Frame B See Burnstein MI Franceschini MP See Berridge MS

Franceschini P See Silengo MC Franceschini P; Silengo MC; Bianco R; et al: Coffin-Siris syndrome in two siblings, (Pediatr Radiol), 16: 330, 1986

Franchella A; Riccipetitoni G; Azzolini P; et al: jugular venous ectasia in children, (Radiology), 151: 548, 1984

Francis DA; Sheldon JJ; Soila K; Tobias J: carotid artery and aortic arch imaging with EKG gating in DSA, (Radiology), 155: 827, 1985 Francis I See Space TC Francis IC See Lawless M Francis IR See Gebarski KS

Francis IR See Gebarski KS
Francis IR See Glazer GM
Francis IR; Agha FP; Thompson NW; et al:
fibrolamellar hepatocarcinoma: clinical,
radiologic, and pathologic features,
(Gastrointest Radiol), 11: 67, 1986
Francis IR; Glazer GM; Amendola MA; et al:
hepatic abscesses in the immunocompromi
patient: role of CT in detection, diagnosis,
management, and follow-up, (Gastrointest
Radiol), 11: 257, 1986

Francis IR; Glazer GM; Bookstein FL; et al: thymus: reexamination of age-related changes in size and shape, (AJR), 145: 249, 1985 Francis RA See Markivee CR Francisconi CF See Uflacker R

Francke JP See Claudon M Franco JM See Kreipke DL Franco JM See Kreipke DL
Frangos A See Perrenoud JJ
Frangos DN See Curry NS
Frank JA See Di Chiro G
Frank JL See Keller MS
Frank JL; Poole CA; Rosas G: horseshoe lung:
clinical, pathologic, and radiologic features and
a new plain film finding, (AJR), 146: 217, 1986
Frank LR See Meuli RA
Frank PH See Chan H-P
Frank PH See Charler GW

Frank PH See Kerber GW Frankel A See Marmor A

Frankel A See Marmor A
Frankel CJ See Harrison RB
Frankel LS See Shirkhoda A
Frankel N; Coleman RE; Pryor DB; et al: utilization
of lung scans by clinicians, (J Nucl Med), 27:
366, 1986
Frankel SF See Moe RD
Frankel SF See Moe RD
Frankel SE See Barloon TJ
Franken EA See Barloon TJ

Franken EA See Peterson CM Franken EA See Tarico V

Franken EA See Tarico V
Franken EA Jr See Abu-Yousef MM
Franken EA Jr See Berbaum KS
Franken EA Jr See Berbaum KS
Franken EA Jr See Reinarz S
Franken EA Jr, Berbaum KS; Dunn V; Smith WL;
Franken EA Jr, Berbaum KS; Dunn V; Smith WL;
Ehrhardt JC; Levitz GS; Breckenridge RE:
impact of MR imaging on clinical diagnosis and
management: prospective study, (Radiology),
161: 377, 1986

Franken EA Jr; Smith WL; Cohen MD; et al: hepatic imaging in Stage IV-5 neuroblastoma, (Pediatr Radiol), 16: 107, 1986

Radiol), 16: 107, 1986
Franken PR See Ham HR
Franken T See Fischer P
Franko AJ See Raleigh JA
Franko AJ: misonidazole and other hypoxia
markers: metabolism and applications, (Int J
Radiat Oncol Biol Phys), 12: 1195, 1986
Franko AJ; Garrecht BM: misonidazole retention by
normal tissues: distinction between label on the
ring and side chain, (Int J Radiat Oncol Biol
Phys), 12: 1259, 1986
Franquet T: Lecumberri F: Joly M: case reports:

Franquet T; Lecumberri F; Joly M: case reports: hydatid heart disease, (Radiology), 153: 266, 1984

1984
Fransson A See Pastad J
Fransson SC; Sokjer H; Johansson K-E; et al:
radiologic findings after fundoplication
compared with a pH reflux test and symptoms,
(Acta Radiol [Diagn]), 27: 33, 1986
Frantz EG; Henry GW; Lucas CL; et al:
characteristics of blood flow velocity in the
hypertensive canine pulmonary artery,
(Ultrasound Med Biol), 12: 379, 1986
Frantzides CT; Condon RF: Tsiftis; Dr. et al:

Frantzides CT; Condon RE; Tsiftsis D; et al: radionuclide visualization of acute occlusive and nonocclusive intestinal ischemia,

(Radiology), 160: 856, 1986

Franze I; Goebel N; Stuckmann G: muscle necrosis: computed tomography appearance, (Radiology), 160: 286, 1986

Fraser GM See Gupta SK Fraser GM; Preston PG: small bowel barium follow-through enhanced with an oral effervescent agent, (Radiology), 152: 550, 1984

Fraser RG See Breatnach E Fraser RG See Chakraborty DP Fraser RG See Niklason LT

Fraser RG; Breatnach E; Barnes GT; digital radiography of the chest: clinical experience with a prototype unit, (Radiographics), 5: 415,

Fraser RG; Davis B; Goldberg J; et al: monoclonal gammopathy associated with a chest mass, gammopathy associa (AJR), 142: 913, 1984

(AJR.), 142: 913, 1984
Fraser RG; Hickey NM; Niklason LT; Sabbagh EA;
Luna RF; Alexander CB; Robinson CA;
Katzenstein A-LA; Barnes GT: calcification in
pulmonary nodules: detection with dual-energy
digital radiography, (Radiology), 160: 595, 1986
Frassica FJ; Unni KK; Sim FH: case report 347,
(Skeletal Radiol), 15: 77, 1986

Fratkin LB See Burhenne LJW Fratkin MI See Resnik CS Frazier OH See Reece IJ

Fredenhagen H See Nidecker AC Frederick HM; Bernardino ME; Baron M; et al: Frederick HM; Bernardino ME; Baron M; et al: accuracy of chest computerized tomography in detecting malignant hilar and mediastinal involvement by squamous cell carcinoma of the lung, (Radiology), 156: 280, 1985 Frederick P See Giles DJ

Frederick P See Giles DJ
Frederick PR. See Tocino IM
Frederick PR, Brown TH; Miller MH; Bahr AL;
Taylor KH: light-guidance system to be used for CT-guided biopsy, (Radiology), 154: 535, 1985
Fredfeldt K-E: sound velocity in the middle phalanges of the human hand, (Acta Radiol [Diagn]), 27: 95, 1986
Fredrickson BE See Guyer BH

Freed MM See Aaronson MJ
Freedman A See Drummond-Webb JJ
Freedman M; Alexander MP; Naeser MA: anatomic

basis of transcortical motor asphasia (Radiology), 153: 854, 1984 Freedman RM See Gewolb IH Freedman RS See Jolles CJ Freedom RM See Burrows PE Freedom RM See Moes CAF

Freedom RM; Burrows PE; Moes CAF: "horseshoe' lung: report of five new cases, (AJR), 146: 211, 1986

1986

Freedom RM; Moes CAF: hypoplastic right heart complex, (Semin Roentgenol), 20: 169, 1985

Freeman J: temporal bone fractures and cholesteatoma, (Radiology), 152: 858, 1984

cholesteatoma, (Radiology), 152: 858, 1984
Freeman LM See Keller IA
Freeman LM; Lutzker LG; Weissmann HS: acute
abdomen: radionuclide imaging,
(Radiographics), S: 285, 1985
Freeman M See Rholl KS

Freeman M: See Rn01 RS: Freeman ML; Barnes WE; Eastman G; et al: radionuclide detection of blood-retinal barrier disruption in diabetes mellitus, (Semin Nucl Med), 14: 16, 1984

Freeman MP; Tisnado J; Cho S-R: persistent sciatic artery. report of three cases and literature review, (Br J Radiol), 59: 217, 1986

Freeman MP; Vick CW; Taylor KJW; et al: regenerating nodules in cirrhosis: sonographic appearance with anatomic correlation, (AJR), 146: 533, 1986 Freemon FR See Fhyai A

Freemon FR See Ehyai A
Freeny PC See Cromwell LD
Freeny PC See Marks WM
Freeny PC; Marks WM: hepatic hemangioma:
dynamic bolus CT. (AJR), 147: 711, 1986
Freeny PC; Marks WM: hepatic perfusion
abnormalities during CT angiography: detection
and interpretation. (Radiology), 159: 685, 1986
Freeny PC; Marks WM: patterns of contrast
enhancement of benign and malignant hepatic
neoplasms during bolus dynamic and delayed
CT. (Radiology), 160: 613, 1986
Freeny PC: Marks WM: Ryan IA: Bolen IW:

C1, (Kadiotogy), 160: 613, 1986

Freeny PC; Marks WM; Ryan JA; Bolen JW:
colorectal carcinoma evaluation with CT:
preoperative staging and detection of
postoperative recurrence, (Radiology), 158: 347,
1986

1:200 Freiberger R: thoughts on the diagnosis of bone tumors, (Radiology), 150: 276, 1984 Freiberger RH: evaluation of hip prostheses by imaging methods, (Semin Roentgenol), 21: 20, 1986

Freidberg SR See Jones HR Jr Freiha F See Ray GR

Freiman DG: pathology of sarcoidosis, (Semin Roentgenol), 20: 327, 1985

Freimarck R See Enzmann DR

Freitag G; Freitag J; Koch RD; et al: percutaneous angioplasty of carotid artery stenoses, (Neuroradiol), 28: 126, 1986

Freitag J See Freitag G Freitas J See Nagle CE Freitas JE See Porter WC Freitas JE See Samuels BI

Freitas JE; Coleman RE; Nagle CE; et al: influence of scan and pathologic criteria on the specificity of cholescintigraphy: concise communication, (Radiology), 152: 870, 1984

(Radiology), 152:870, 1980; et al: radionuclide diagnosis and therapy of thyroid cancer: current status report, (Semin Nucl Med), 15: 106, 1985

Freling NJM; Schuur KH; Haagsma EB; et al: ultrasound as first imaging modality in superior mesenteric and portal vein thrombosis, (JCU), 14: 554, 1986

14: 534, 1986
Fremion AS; Garg BP; Kalsbeck J: apnea as the sole manifestation of cord compression in achondroplasia, (Radiology), 153: 849, 1984
French G See Lewandowski BJ
Frenchman SM See Colice GL

Frencke JM See Halpern SE Frentz G See Lang EK

Frentzel-Beyme B See Pochhammer K-F Freson M, Kottler RE; Wright JP: Crohn's disease of the oesophagus, (Radiology), 155: 849, 1985 Freund H-J See Hennerici M

Freundlich R See Cholankeril JV Frey D See Reinig JW Frey GD See Stanley JH Freyer I See Sutherland R

Freyschmidt J; Osterlag H; Lang W; case report 365, (Skeletal Radiol), 15: 316, 1986 Frias J See Gupta SM Friberg O; Koivisto E; Wegelius C: radiographic

method for measurement of leg length inequality, (Radiology), 157: 851, 1985 Friberg TR, Grove AS Jr: choroidal folds and refractive errors associated with orbital tumors, (Radiology), 150: 863, 1984 Frick M See Goldberg ME

Frick MP See Crass JR Frick MP See Maile CW

Frick MP See Salomonowitz E Frick MP; Maile CW; Crass JR; et al: computed omography of neutropenic colitis, (AJR), 143: 63, 1984

toningraphy or neuropenic coints, (A)R, 143: 763, 1984

Frick MP; O'Leary JF; Salomonowitz E; Stoltenberg P; Hutton S; Gedgaudas E: pancreas imaging by computed tomography after endoscopic retrograde pancreatography, (Radiology), 150: 191, 1984

Frick MP; Salomonowitz E; Feinberg SB: sonography of abdominal posttransplant lymphoma. (Radiology), 155: 862, 1985
Frick MP; Salomonowitz E; Hanto DW; et al: CT of abdominal lymphoma after renal transplantation, (AJR), 142: 97, 1984

Friday RO; Schwartz DB; Tuffii GA: spontaneous intrauterine resolution of intraventricular cystic masses, (J Ultrasound Med), 4: 385, 1985

Fridrich R See Nidecker AC

Fried AM See Khan O

Fried AM See Woodring JH

Fried AM; See Woodring JH Fried AM; Cloutier M; Woodring JH; et al: sonography of the transverse fetal lie, (AJR), 142: 421, 1984

142: 421, 1984

Fried AM; Coughlin K; Griffen WO: sonographic fat/muscle ratio, (Invest Radiol), 21: 71, 1986

Fried AM; Kreel L; Cosgrove DO: hepatic interlobar fissure: combined in vitro and in vivo study, (AJR), 143: 561, 1984

Fried AM; Loh FK; Umer MA; et al: echogenicity of fetal lung: relation to fetal age and maturity, (AJR), 145: 591, 1985

Fried AM; Woodring JH; Thompson DJ: hydronephrosis of pregnancy: a prospective sequential study of the course of dilatation, (Radiology), 151: 835, 1984

Fried LP; Moore RD; Pearson TA: long-term effects of cigarette smoking and moderate alcohol consumption on coronary artery diameter: mechanisms of coronary artery disease independent of atherosclerosis or thrombosis?, (Radiology), 160: 286, 1986

Fried MP; Relly JH; Strome M: pseudomonas rhinosinusitis, (Radiology), 153: 277, 1984

Fried R; Boxt LM; Miller RH III; et al: nuclear magnetic resonance spectroscopy of rat ventricles following supravalvar aortic banding: model of left ventricular hypertrophy, (Invest Radiol), 21: 622, 1986

Friedburg H See Hennig J Friedenberg RM See Aufrichtig D

Friedenberg RM See Lightfoote JB Friedenberg RM: assessment of impotence with cavernosography, (Radiology), 161: 842, 1986 Friedenberg RM; Lightfoote JB; Wang SP; et al:

digital tomography: description and preliminary clinical experience, (AJR), **144:** 639, 1985 Friedlaender GE See Gould R

Friedland GW See Perkash I Friedland GW See Rifkin MD Friedman AC See Ball DS Friedman AC See Bova JG Friedman AC See Dachman AH

Friedland GW See Cho C

Friedman AC See Herman SD Friedman AC See Hilpert PL

Friedman AC See Hipert PL Friedman AC See Levy DW Friedman AC See Quinn MJ Friedman AC See Shultz S Friedman AC; Lichtenstein JE; Fishman EK; Oertel JE; Dachman AH; Siegelman SS; solid and papillary epithelial neoplasm of the pancreas, (Radiology), 154: 333, 1985

Friedman AC; Lichtenstein JE; Goodman Z; Fishman EK; Siegelman SS; Dachman AH: fibrolamellar hepatocellular carcinoma, (Radiology), 157: 583, 1985 Friedman AH See Drake CG

Friedman AL: Wilms' tumor detection in patients with sporadic aniridia: successful use of ultrasound, (Radiology), 161: 863, 1986

Friedman AP See Bass IS Friedman AP See Grandone CH

Friedman AP See Schaffer RM Friedman AP; Haller JO; Schulze G; et al: sonography of vesical and perivesical abnormalities in children, (Radiology), 152: 852,

Friedman BI: quality assurance and nuclear medicine: challenge of change, (J Nucl Med), 27: 1366, 1986 Friedman EA See Borten M

Friedman EA See Borten M Friedman EL See Stomper PC Friedman H See Mendelson EB Friedman H; Vogelzang RL; Mendelson EB; Neiman HL; Cohen M: endometriosis detection

Friedman H; Vogelzang RL; Mendelson EB;
Neiman HL; Cohen M: endometriosis detection
by US with laparoscopic correlation,
(Radiology), 157: 217. 1985
Friedman HZ; Buda AJ: biventricular thrombus
formation in association with acute myocardial
infarction: diagnosis by two-dimensional
echocardiography, (ICU), 14: 315, 1986
Friedman J; Zeit RM; Cope C; et al: optimal use of
tolazoline in arteriography, (AJR), 142: 817, 1984
Friedman M See Hamlin JA
Friedman M; Shelton VK; Mafee MF; et al:
metastatic neck disease. evaluation by computed
tomography, (Radiology), 155: 555, 1985
Friedman MA; Resser KJ; Marcus F5; et al: how
accurate are computed tomographic scans in
assessment of changes in tumor size?,
(Radiology), 151: 555, 1984
Friedman MB See Effeney DJ
Friedman M See Effeney DJ
Friedman M See Effeney DJ
Friedman M See Carmichael J
Friedman M See Carmichael J
Friedman P See Levin DC
Friedman P See Olson LK

Friedman PJ See Olson LK Friedman PJ See vanSonnenberg E

rriedman PJ See vanSonnenberg E Friedman PJ: adult pulmonary ligament pneumatocele: loculated pneumothorax, (Radiology), 155: 575, 1985 Friedman PJ: CT demonstration of tethering of the lung by the pulmonary ligament, (JCAT), 9: 947, 1985

Friedman PJ; Feigin DS; Liston SE; et al: sensitivity of chest radiography, computed tomography, and gallium scanning to metastasis of lung carcinoma, (Radiology), 155: 847, 1985 Friedman PL See Boxt LM

Friedman RJ; Micheli LJ: acquired spondylolisthesis following scoliosis surgery, a case report, (Radiology), 156: 859, 1985 Friedmann G See Heindel W

Friedrich ERF See Schwimmer M Friefeld GD See Adcock KA Fries A See Gunther RW Fries JW: night radiology. (AJR), 145: 1091, 1985 Frigoletto FD Jr See Benacerraf BR Frija G See Musset D Frijlink WB See Vellenga CJLR Frischbier H-J See Ulmer HU Frischer Z See Goodman K Fritschy P See Robotti GC

Fritschy P; Robotti G; Schneekloth G; et al: measurement of liver volume by ultrasound and computed tomography, (Radiology), 151: 832,

Fritz KJ See Blakemore WS

Fritz St; Chang CHJ; Gupta NK; et al: digital radiographic imaging system for mammography, (Invest Radiol), 21: 581, 1986 Fritz VU; Maloon A; Tuch P: neck manipulation causing stroke: case reports, (Radiology), 156: 567, 1985 Fritzberg AR See Kuni CC

Fritzberg AR See Taylor A Jr
Fritzberg AR See Taylor A Jr
Fritzberg AR; Kasina S; Eshima D; et al: synthesis and biological evaluation of technetium-99m MAG<sub>3</sub> as a hippuran replacement, (J Nucl Med), 27: 111, 1986

27: 111, 1986
Fritzdorf J See Ekberg O
Fritzsch T See Miszalok V
Fritzsche PJ; Axford PD; Ching VC; et al:
correlation of transrectal sonographic findings
in patients with suspected and unsuspected
prostatic disease, (Radiology), 151: 559, 1984 Frizzell LA See Borrelli MJ

Frizzell LA See Borrelli M)
Frizzell LA: dosage specifications for ultrasound
equipment, (Ultrasound Med Biol), 12: 707, 1986
Frizzell LA; Miller DL; Nyborg WL: ultrasonically
induced intravascular streaming and thrombus
formation adjacent to a micropipette,
(Ultrasound Med Biol), 12: 217, 1986

Froelich JW See Krasicky GA
Froelich JW: tour through the FDA, NCDRH, IDE,
PMA, and IRB NMR maze, (Radiology), 152: 102, Froelich JW; Juni J: glucagon in the scintigraphic diagnosis of small-bowel hemorrhage by Tc-99m-labeled red blood cells, (Radiology), 151: 239, 1984

Froelich JW; Swanson D: imaging of inflammatory processes with labeled cells, (Semin Nucl Med), 14: 128, 1984

Frohlich H: transaxillary abdominal angiography: use of the sidewinder-pigtail catheter, (Radiology), 150: 265, 1984

Frohlich H; Dohring W: simple device for breath-level monitoring during CT, (Radiology), 156: 235, 1985

Froment JC; Belkaid D; Abda F; et al: hydatid disease of the bone, radiologic features from a review of 30 cases, contribution of echotomography in 3 cases, (Radiology), 155: 548, 1985

548, 1985
Fromkes JJ See Chang VH
Fromowitz FB See Quinn MJ
Froncisz W See Grist TM
Froncisz W See Jesmanowicz A
Froncisz W See Kneeland JB
Froncisz W See Kneeland JB

Froncisz W Jesmanowicz A; Kneeland JB; et al: counter rotating current local coils for high-resolution magnetic resonance imaging, (Magn Res Med), 3: 590, 1986

Res Med), 3: 590, 1986
Front D See Marmor A
Front D; Groshar D; Israel O; et al: hemangioma of
the tongue demonstrating a perfusion blood
pool mismatch, (Clin Nucl Med), 11: 113, 1986
Front D; Israel O; Even-Sapir E; Feinsud M:
superior sagital sinus thrombosis: assessment
with Tc-99m labeled red blood cells,
(Radiology), 158: 453, 1986
Front D; Israel O; Groshar D; et al: technetium99m-labeled red blood cell imaging, (Semin
Nucl Med), 14: 226, 1984
Frost II See Bice AN

Nucl Med), 14: 226, 1984
Frost JJ See Bice AN
Frost JJ; Wagner HN Jr; Dannals RF; et al: imaging
opiate receptors in the human brain by positron
tomography, (ICAT), 9: 231, 1985
Frost JK; Ball WC Jr; Levin ML; et al: early lung
cancer detection: results of the initial
(prevalence) radiologic and cytologic screening
in The Johns Hopkins Study, (Radiology), 155:
847, 1985

847, 1985
Frost RA See Coblentz CL
Frost RA See Fitzsimons PJ
Fruhling J See Bourgeois P
Fruhwald F See Neuhold A
Fruhwald F; Neuhold A; Seidl G; et al: sonography
of the tongue and floor of mouth. part II:
neoplasms of the tongue, (Eur J Radiol), 6: 108,
1986

Fry IK: who needs high technology? presidential address, 1983, (Radiology), 155: 863, 1985

Fry RD See Hoffman MJ Fry TL See Postma D Fryback DG See Thornbu Frye EB See Rucker L Fu Y-S See Gordon PS Fuchigami T See Iida M Fuchs C See Wexler S Fuchs H See Heinz ER Fuchs J See Heinz ER Fuchs S See Grisoli F Fuchs WA See Terrier F Fuen LG See Charnsangavej C Fujii T See Todani T Fujimaki E See Hiraizumi Y Fujimi K See Kudo M

Fujimura N See Korogi Y
Fujimo A: Scardino PT: transrectal ultrasonography

Fujino A; Scardino P1: transrectal utrasonograph for prostatic cancer: its value in staging and monitoring the response to radiotherapy and chemotherapy, (Radiology), 157: 286, 1985 Fujioka M See Kohda E Fujisawa I See Nakano Y Fujisawa I See Togashi K Fujisawa I See Togashi K Fujishima M See Iida M Fujishima M See Matsui T Fujita A See Shimizu K

Fujita A See Doi K
Fujita H See Doi K
Fujita H; Doi K; Chan H-P; Giger ML; Duda EE:
dynamic and static phantoms for evaluation of
digital subtraction angiography systems,
(Radiology), 155: 799, 1985
Fujita K See Inoue Y
Fujita S See Wakabayashi T

Fujitani K. See Inoue Y. Fujitani T. Takahashi T; Asai T: optic nerve disturbance caused by frontal and fronto-ethmoidal mucopyocele, (Radiology), 153: 852, 1984

1984 Fujiwara Y See Nakashima Y Fukasawa H See Takahashi S Fuks JZ See Whitley NO Fukuda N See Ebara M Fukuda T See Inoue Y

Fukuda T See Inoue Y
Fukui K; Sadamoto K; Yamamoto Y; et al: fast
overlapping scans in cerebral computed
angiotomography, (JCAT), 9: 839, 1985
Fukui M See Carlos R
Fukunaga M See Otsuka N
Fukushima T See Hayashi K
Fuld IL See Hutchins WW
Fuld IL; Matalon TA; Vogelzang RL; et al: dynamic
CT in the evaluation of physiologic status of
renal transplants, (AJR), 142: 1157, 1984
Fulford GE See Crossan JF
Fulkerson WJ; McLendon RE; Prosnitz LR: adult
respiratory distress syndrome after limited

respiratory distress syndrome after limited thoracic radiotherapy, (Radiology), 161: 573,

Fulkerson WJ; Newman JH: endogenous Cushing's

Fulkerson WJ; Newman JH: endogenous Cushing's syndrome complicated by pneumocystis carinii pneumonia. (Radiology), 152: 249, 1984. Fuller C; Leonard JC: extraosseous localization of technetium-99m MDP in benign cystic teratoma. (Clin Nucl Med), 11: 574, 1986. Fuller DG See Hutton WI. Fuller J See Verta MJ Fullet DG CD See Cameron II.

Fuller J See Verta MJ
Fullerton GD See Cameron IL
Fullerton GD See Finnie M
Fullerton GD; Cameron II, Hunter K; Fullerton HJ;
proton magnetic resonance relaxation behavior
of whole muscle with fatty inclusions,
(Radiology), 155: 727, 1985
Fullerton GD; Cameron IL; Ord VA: frequency

dependence of magnetic resonance spin-lattice relaxation of protons in biological materials, (Radiology), 151: 135, 1984 Fullerton GD; Cameron IL; Ord VA: orientation of tendons in the magnetic field and its effect on T2 relaxation times, (Radiology), 155: 433, 1985

12 relaxation times, (kadiol Fullerton HJ See Fullerton GD Fulling KH See Garcia DM Fulling KH See Naidich TP Fulling KH See Siegel MJ Fulton RR See Singer I Funabashi T See Maeda T

Funada H; Misawa T; Nakao S; et al: air crescent sign of invasive pulmonary mucormycosis in acute leukemia, (Radiology), 154: 269, 1985

acute leukemia, (Radiology), 154: 269, 1985 Funaki H See Suzuki M Furmanski P See Braunschweiger PG Furo I; Bobest M; Pocsik I; et al: in vitro ¹H NMR "mapping" of human intervertebral discs, (Magn Res Med), 3: 146, 1986 Furui S See Ital Y Furui S See Ohtomo K

Furui S See Ohtomo K
Furui S; Otomo K; Itai Y; Iio M: hepatocellular
carcinoma treated by transcatheter arterial
embolization: progress evaluated by computed
tomography, (Radiology), 150: 773, 1984
Furuta M See Auki J
Furuta M See Murata K
Furuya H See Tomoda H

Furuya Y See Miyasaka Y Furuya Y See Nitatori T

Furuya Y See Nitatori T
Furuya Y; Edwards MSB; Alpers CE; et al:
computerized tomography of cranial sutures.
part 1: comparison of suture anatomy in
children and adults, (Radiology), 154: 854, 1985
Furuya Y; Edwards MSB; Alpers CE; et al:
computerized tomography of cranial sutures.
part 2: abnormalities of sutures and skull
deformity in craniosynostosis, (Radiology), 154:
851, 1985

Fusco A See Danza FM Fushiki M See Nishimura Y Futatsuya R See Seto H

## G

Gabbe SG See Arger PH Gabbe SV See Grumbach K Gabert HA See Miller JM Jr Gabriel HJ: perforated gallbladder in sonography, (Radiology), 154: 569, 1985 Gabriele OF See Tehranzadeh J Gabriele OF See Willard DA Gabrielsen TO See Aisen AM Gabrielsen TO See Gebarski SS Gabrielsen TO See Kieffer SA Gabrielsen TO See Knake JE Gabrielsen TO See Latack JT Gabrielsen TO See Williams DM Gabrielsen TO See Yang PJ Gabrielsen TO; Gebarski SS; Knake JE; et al: iohexol versus metrizamide for lumbar myelography: double-blind trial, (AJNR), 5: 181,

1984
Gacek RR See Som PM
Gacek RR. pathology of jugular foramen
neurofibroma, (Radiology), 150: 294, 1984
Gacetta DJ; Cohen MJ; Crummy AB; et al:
ultrasonic lithotripsy of gallstones after
cholecystostomy, (AJR), 143: 1088, 1984
Gacetta DJ; Yandow DR: computed tomography of
spontaneous osteoporotic sacral fractures,
(JCAT), 8: 1190, 1984
Gadebar CC, Hielm Hungar M; Spoared H, et al;

Gadeberg CC, Hjelm-Hansen M; Sogaard H; et al: malignant tumours of the paranasal sinuses and nasal cavity, (Radiology), 155: 559, 1985 Gadian DG See Bydder GM

Gadian DG; Payne JA; Bryant DJ; et al: gadolinium-DTPA as a contrast agent in MR imaging—theoretical projections and practical observations, (JCAT), 9: 242, 1985

Gadian DG; Proctor E; Williams SR; et al: neurometabolic effects of an inborn error of amino acid metabolism demonstrated *in vivo* by <sup>1</sup>H NMR, (Magn Res Med), 3: 150, 1986

Gado M See Murphy WA Gado M See Vannier MW Gado MH See Karnaze MG Gadoth N See Hadar H

Gadzijev E; Repse S; Kovic M: haematoma of the rectus sheath, (Radiology), 154: 283, 1985
Gaensler EA See McLoud TC

Gaeta M See Pandolfo I Gaffney FA; Lin J-C; Peshock RM; et al: hydrogen peroxide contrast echocardiography, (Radiology), 152: 563, 1984

Gager WE See Daniels DL Gagnadoux MF See Garel L Gagne G See McAfee JG

Gagnon RF; Horosko F; Herba MJ: local infusion of low-dose streptokinase for renal artery thromboembolism, (Radiology), 156: 271, 1985

thromboembolism, (Radiology), 156: 271, 1985
Gahbauer RA: spezielle strahlentherapie maligner tumoren (radiation therapy of malignant tumours), pt. 6 of vol. 19 of handbuch der medizinischen radiologie (encyclopedia of medical radiology), (Radiology), 161: 302, 1986

Gaiani S See Bolondi L Gailadi N See Garty I Gaillard D See Bret PM Gaillard D See Gomes H Gaillard JLI See Tibboel D Gaines VD See Ramchandani P Gainey MA: nuclear imaging in pediatrics, (Radiology), 161: 468, 1986

Gaisie G See Dominguez R
Gaisie G; Curnes JT; Scatliff JH; et al: neonatal
intestinal obstruction from omphalomesenteric
duct remnants, (AJR), 144: 109, 1985

Gaisie G; Dominguez R; Young LW: comparison of AP supine vs PA upright methods of chest roentgenography in infants and young children, (Radiology), 153: 568, 1984 Gaisie G; Mandell J; Scatliff JH: congenital stenosis of the male urethra, (AJR), 142: 1269, 1984

Gaisie G; Young LW; Oh KS: late-onset Bochdalek's

hernia with obstruction: radiographic spectrum of presentation, (Radiology), 150: 289, 1984 Gajjar B; Towney B; De Lacey G: fatty meal and acalculous gallbladder disease, (Radiology), 156: 266, 1985

Gal R; Grenier RP; Carpenter J; et al: high count rate first-pass radionuclide angiography using a digital gamma camera, (J Nucl Med), 27: 198,

Gal R; Grenier RP; Schmidt DH; et al: background correction in first-pass radionuclide angiography: comparison of several approaches, (J Nucl Med), 27: 1480, 1986

Gal R; Port SC: arm vein uptake of thallium-201 during exercise: incidence and clinical significance, (J Nucl Med), 27: 1353, 1986

Galanski M See Wernecke K Galasko CSB See Tankel JW Galbraith A See Novelli VM

Galbraith D See Martell E
Galbraith DM; Rawlinson JA: partial bolussing to
improve the depth doses in the surface region
low energy electron beams, (Radiology), 154:
288, 1985

Gale JT; Mendelson DS; Cohen BA; et al: benign mixed tumor of salivary gland origin presenting as a mediastinal mass, (CT), 10: 23, 1986

Gale ME See Johnson WC

Gale ME: anterior diaphragm: variations in the CT appearance, (Radiology), 161: 635, 1986
Gale ME: Bochdalek hernia: prevalence and CT characteristics, (Radiology), 156: 449, 1985
Gale ME; Birnbaum S; Gerzof SG; et al: CT

appearance of appendicitis and its local complications, (JCAT), 9: 34, 1985 Gale ME; Greif WL: intrafissural fat: CT correlation

with chest radiography, (Radiology), 160: 333, 1986

Gale ME; Johnson WC; Gerzof SG; et al: problems in CT diagnosis of ruptured abdominal aortic aneurysms, (JCAT), 10: 637, 1986 Gale ME; Karlinsky JB; Robins AG: bronchopulmonary lavage in pulmonary alveolar proteinosis: chest radiograph observations, (AJR), 146: 981, 1986

Gale ME; Robbins AH: computed tomography of the gallbladder: unusual diseases, (JCAT), 9: 439, 1985

Gale ME; Robbins AH; Hamburger RJ; et al: renal toxicity of contrast agents: iopamidol, iothalamate, and diatrizoate, (AJR), 142: 333,

Gale ME; Vincent ME; Sutula FC: orbital implants and prostheses: postoperative computed tomographic appearance, (AJNR), 6: 403, 1985 Galeano N See Pelletier VA

Galetta S See Grossman RI Galicich JH See Tomita T

Galifer RB; Margueritte G; Gubler JP; et al: pulmonary blastoma in children. two cases, (Radiology), 151: 548, 1984

Gall DG See Scott RB Gall DG See Scott RB
Gallacher D See Kinnison ML
Gallacher DJ; Kadir S; Kaufman SL; Mitchell SE;
Kinnison ML; Chang R; Adams P; White RI Jr;
Cameron JL: nonoperative management of
benign postoperative bilary strictures,
(Radiology), 156: 625, 1985
Gallagher BM See Sands H

Gallagher FI See Baker SR Gallant TE See Clark RA Gallego FG See Oliver J

Gallerstein PE; Berger M; Rubenstein S; et al: systolic anterior motion of the mitral valve and outflow obstruction after mitral valve reconstruction, (Radiology), 151: 272, 1984

Gallery CA See Brown BG Gallicchio R See Bertagnoi L

Gallimore GW Jr; Harms SE: knee injuries: high-resolution MR imaging, (Radiology), 160: 457, 1986

Gallis HA See Halvorsen RA Gallo LN See Smith R Galloway DC See Barnes PD Galloway GJ See Bore PJ Galloway GJ See Oberhaensli RD Galloway S See Morse SS Galloway SJ See Shapiro R Galvin EG See Utz JA Galvin HB See Sickles EA

Galvin JM: calculation and prescription of dose for total body irradiation, (Radiology), 153: 863,

Galvin JR See Ell SR Galvis AG See Bar-Joseph G

Gamba JL; Martinez S; Apple JS; et al: computed tomography of axial skeletal osteoid osteomas, (AJR), 142: 769, 1984

Gamba JL; Woodruff WW; Djang WT; Yeates AE: craniofacial mucormycosis: assessment with CT, (Radiology), 160: 207, 1986 Gambescia RA See Haskin PH

Gambescia RA See Teplick SK Gambini C See Ruelle A

Gambini C See Ruelle A
Gamble JG: hip disease in Hutchinson-Gilford
progeria syndrome, (Radiology), 155: 552, 1985
Gamble P; Colapinto RF; Stronell RD; Colman IC;
Blendis L: transigualar liver biopsy: review of
461 biopsies, (Radiology), 157: 589, 1985
Gamble WH; Shaver JA; Alvares RF, et al: critical
appraisal of diastolic time intervals as a measure
of relaxation in left ventricular hypertrophy,
(Radiology), 151: 558, 1984
Gambrell RD Jr: menopause, (Invest Radiol), 21:
369, 1986

Gamel JW See Markoe AM Gamelli RL See Harper PC Gammelgaard J See Brun B Gammon K See Shinnar S Gammon RS See Reisz GR Gamsu G See de Geer G Gamsu G See Hirji M Gamsu G See McMurdo KK

Gamsu G See Milligan SA Gamsu G See Moore EH

Gamsu G See Muller NL Gamsu G See Stark DD Gamsu G See Stein MG

Gamsu G See Stern RG Gamsu G See von Schulthess GK Gamsu G See Webb WR

Gamsu G. Hirji M; Moore EH; Webb WR; Brito AC: experimental pulmonary emboli detected using magnetic resonance, (Radiology), 153: 467, 1984 Gamsu G; Stark DD; Webb WR; Moore EH;

Sheldon PE: magnetic resonance imaging of benign mediastinal masses, (Radiology), 151: 709, 1984

709, 1984
Gamsu HR See Hart SM
Gan R See Robson N
Ganapathy K; Govindan R: cerebellepontine
pneumocephalus acting as a space occupying
lesion: CT demonstration, (Radiology), 9: 407,

Gan Der Hauwaert LG; Denef B; Dumoulin M: long-term echocardiographic assessm dilated cardiomyopathy in children, (Radiology), 152: 850, 1984 Gandsman EJ See McCullough RW

Ganel A See Salai M Ganer A See Salai M Ganepola GAP See Yiengpruksawan A Gangarosa RE See Sherman JL Gannan RM See Marks WM Gannan RM See Velasco N Gansow OA See Di Chiro G Gansow OA See Di Chiro G Ganti SR See Mawad ME Ganti SR See Moore T Ganti SR See Silver AJ

Ganti SR; Hilal SK; Stein BM; et al: CT of pineal region tumors, (AJNR), 7: 97, 1986 Ganz P See Boxt LM

Ganz P See Levin DC Ganz WI See Totty WG

Gapp G See Lee JKT Garay SM See Leitman BS Garbagna P See Vadala G Garbutt P See Nicholas D

Garcia CA; Weisberg LA; McGarry PA; et al: spontaneous hemorrhage in previously ischemic (pale) cerebral infarcts, (Comput Radiol), 10: 55, 1986

Garcia DM; Fulling KH; juvenile pilocytic astrocytoma of the cerebrum in adults: distinctive neoplasm with favorable prognosis, (Radiology), 160: 573, 1986 Garcia EV See Van Train KF

Garcia F See Palmaz JC Garcia F See Sibbitt RR Garcia JF See Kelsey CA

Garcia JF: arthrographic visualization of rotator cuff tears: optimal application of stress to the shoulder, (Radiology), 150: 595, 1984

Garcia IH See Kline LB Garcia L See Tobias JA Garcia R See Weinreb JC Garcia-Conesa A See Lucava l Garcia-Tsao G See Taylor KJW Garcia-Vazquez F See Barbera J Gardeur D; Seurot M; Fonda C; et al: digital intravenous subtraction angiography of intracranial arteriovenous malformations, (Radiology), **152**: 257, 1984

Gardin JM; Isezi LT; Elkayam U; et al: evaluation of dilated cardiomyopathy by pulsed Doppler echocardiography, (Radiology), 152: 265, 1984

Gardiner GA Jr; Koltun W; Kandarpa K; et al: thrombolysis of occluded femoropopliteal grafts, (AJR), 147: 621, 1986

Gardiner GA Jr; Meyerovitz MF; Boxt LM; et al: selective coronary angiography using a power injector, (AJR), 146: 831, 1986 Gardiner GA Jr; Meyerovitz MF; Harrington

DP; et al: dissection complicating angioplasty, (AJR), 145: 627, 1985

Gardiner GA Jr; Meyerovitz MF; Stokes KR; Clouse ME; Harrington DP; Bettmann MA: complications of transluminal angioplasty, (Radiology), 159: 201, 1986

Gardiner HF See Tate CF III Gardiner LJ See Pillsbury HC Gardiner R See Smith C Gardner JE See Janaki LM

Gardner TW; Zaparackas ZG; Naidich TP: congenital optic nerve colobomas: CT demonstration, (Radiology), 153: 273, 1984

Garel L See Detraux P

Garel L See Detraux P
Garel L Seo Sebag A
Garel L; Bonnard V; Barral V; et al: transplanted
kidney in children: comparative value of
various echographic signs of acute rejection,
(Radiology), 158: 283, 1986
Garel L; Brunelle F; Fischer A; et al: bile duct
dilatation and immunodeficiency in children.
report of four cases, (Radiology), 158: 283, 1986
Garel L; Mareschal JL; Gagnadoux MF; et al: fatal
outcome after ethanol renal ablation in child
with end-stage kidneys, (A]R), 146: 593, 1986
Garel LA; Habib R; Pariente DM; Broyer M;
Sauvegrain JH: juvenile nephronophthisis:
sonographic appearance in children with severe
uremia. (Radiology), 151: 93, 1984
Garel LA; Musset D; Habib R; et al: interest of

Garel LA; Musset D; Habib R; et al: interest of ultrasound in Drash syndrome. report of three cases, (Radiology), 153: 567, 1984

cases, (natiology), 153: 567, 1984
Garel LA; Pariente DM; Gubler MC; Broyer M;
Sauvegrain JH: dotted corticomedullary
junction: a sonographic indicator of small-vessel
disease in hypertensive children, (Radiology),
152: 419, 1984

152: 419, 1984
Garel LA; Pariente DM; Nezelof C; Barral VJ;
Aboulker C; Sauvegrain JH: liver involveme in chronic granulomatous disease: the role of ultrasound in diagnosis and treatment, (Radiology), 153: 117, 1984
Garfias D See Widmann WD

Garfin SR See Guerra J Jr

Garfin SR; Rothman RH: case report 346, (Skeletal Radiol), 15: 72, 1986

Garg A See Gupta SM Garg BP See Fremion AS

Gariepy G See Lafortune M Garn SM; Lavelle M; Smith BH: quantification of dysmorphogenesis: pattern variability index,  $\sigma_z$  (AJR), 144: 365, 1985

Garn SM; Smith BH; LaVelle M: applications of pattern profile analysis to malformations of the head and face, (Radiology), 150: 683, 1984 Garnett ES See Chirakal R

Garnett ES: atlas of positron emission tomography of the brain, (Radiology), 159: 598, 1986
Garnett ES: metabolism of the human brain studied

Garnett Es: metabolism of the human train studied with positron emission tomography, (Radiology), 157: 788, 1985
Garnett Es; Nahmias C; Kenyon DB; et al: positron emission tomograph to study brain metabolism in man, (Radiology), 150: 872, 1984

Garniak A; Feivel M; Hertz M; et al: skull x-rays in head trauma: are they still necessary? a review of 1000 cases, (Eur J Radiol), 6: 89, 1986

Garnic ID See Levin DC Garnick MB See Jochelson MS Garnick MB See Richie JP

Garnick MB See Stomper PC Garra BS See Fink IJ

Garra BS See Shawker TH

Garra BS; Kurtz D; Shawker TH; et al: teaching file program for use in an ultrasound departme Ultrasound Med), 5: 313, 1986

Garraway WM See Drurym I Garrecht BM See Franko AI

Garren LR See Edell SL Garrett IS See Derv R

Garrett JS; Schiller NB; Botvinick EH; et al: cine-computed tomography of Ebstein anomaly, (JCAT), 10: 664, 1986

Garrett KC See Hunninghake GW

Garrett MK: combined lung and bone disorder, (Semin Roentgenol), 20: 323, 1985

Garrett P; McWade M; O'Callaghan J: radiological assessment of aluminium-related bone disease, (Clin Radiol), 37: 63, 1986

Garrett PG; Herman JG; Rawlings GA; et al: radical external beam radiation therapy for prostate carcinoma, (Radiology), 155: 287, 1985

Garrett PG; Simpson WJK: ependymomas: results of radiation treatment, (Radiology), 154: 572, 1985 Garrett PR; Meshkov SL; Perlmutter GS: oral contrast agents in CT of the abdomen, (Radiology), 153: 545, 1984

Garrett WJ: policy statement of the Australian Society for Ultrasound in Medicine, (Ultrasound Med Biol), 12: 714, 1986

Garrick E See Reinig JW Garrison LP Jr See Wills J Garrison RJ See Savage DD Gartman S See Poznanski AK

Gartner JC See Dominguez R Gartner JC See Zajko AB

Garty I; Barzilay J; Bloch L; et al: diagnosis and early complications of right ventricular infarction, (Radiology), 155: 557, 1985

Garty I; Gailadi N; Flatau E: bone scintigraphy in two siblings with pulmonary alveolar microlithiasis, (Radiology), 158: 570, 1986

Garty I; Risescu J; Rosen G: demonstration of simultaneous thyroid and parathyroid adenomata, situated in the same anatomic level, (Clin Nucl Med), 11: 430, 1986

Garvey CJ; Wilkins RA; Lewis JD: peripheral vascular disease: prospective study of intraarterial digital subtraction angiography using a 9-inch intensifier, (Radiology), 159: 423, 1986

Garvey J See Khan A Garwood M See Bogusky RT

Garza-Mercado R: diastematomyelia and intramedullary epidermoid spinal cord tumor combined with extradural teratoma in an adult, (Radiology), 152: 259, 1984 Gash AK See Siegel JA

Gaskell SA See Barton SP Gaskill HV III See Levine BA Gaskill MF: local complications of total hip replacements, (Semin Roentgenol), 21: 3, 1986

Gasparovic C See Matwiyoff NA

Gasparaitis AE See Levine MS

Gass JDM See Desroches G Gass JDM; Jallow S; Davis B: adult vitelliform macular detachment occurring in patients with basal laminar drusen, (Radiology), 158: 572, 1986

Gass MA; Gould HR; Roggensack GF; et al: lymphatic changes in retroperitoneal lipomatosis, (Radiology), **150**: 296, 1984 Gaston A; Combes C; Razavi F; et al: bilateral post-

traumatic carotid-cavernous fistula: anatomico-radiological correlations in a case treated by detachable balloon, (J Neuroradiol), 15: 55, 1986 Gastorf RI See Kirby TH

Gately JF; Thomas EJ: acute cholecystitis occurring as a complication of other diseases, (Radiology), 152: 266, 1984

152: 266, 1989
Gatenby RA; Coia LR; Richter MP; Katz H;
Moldofsky PJ; Engstrom P; Brown DQ;
Brookland R; Broder GJ: oxygen tensing criguided probes, (Radiology), 156: 211, 1985

Gatenby RA, Mulhern CB Jr, Broder GJ; Moldofsky PJ; computed-tomographic-guided biopsy of small apical and peripheral upper-lobe lung masses, (Radiology), 150: 591, 1984

Gatenby RA; Mulhern CB Jr; Moldofsky PJ: computed tomography guided thin needle biopsy of small lytic bone lesions, (Radiology), 154: 567, 1985

Gatenby RA; Mulhern CB Jr; Richter MP; et al: CT-guided biopsy for the detection and staging of tumors of the head and neck, (AJNR), 5: 287,

Gatenby RA; Mulhern CB Jr; Strawitz J; et al: comparison of clinical and computed tomographic staging of head and neck tumors, (AJNR), 6: 399, 1985

(A)NR), 6: 399, 1985
Gatenby RA; Rosenblum JS; Leonard CM;
Moldofsky PJ; Broder GJ: esophageal speech:
double-contrast evaluation of the pharyngoesophageal segment, (Radiology), 157: 127, 1985
Gates AH See Carstensen EL

Gates AH See Carstensen EL

Gates GF: computation of glomerular filtration rate
with Tc-99m DPTA: an in-house computer
program, (Radiology), 154: 571, 1985

Gates GF; Green GS: transient reduction in renal
function following arteriography: a
radionuclide study, (Radiology), 150: 870, 1984

Gates GF; Noall DL: bone marrow island vs focal
infection: indium-111 leukocyte imaging
dilemma, (Clin Nucl Med), 11: 287, 1986

Gates JR See Janaki LM

dilemma, (Clin Nucl Med), 11: 287, 1986
Gates JR See Janaki LM
Gatewood OMB See Goldman SM
Gatewood OMB see Goldman SM
Gatewood OMB: atlas d'hysterosalpingographie
(atlas of hysterosalpingography). 2d ed.,
(Radiology), 155: 598, 1985
Gatewood OMB; Fishman EK; Burrow CR;
Walker WG; Goldman SM; Siegelman SS: renal
vein thrombosis in patients with nephrotic
syndrome: CT diagnosis, (Radiology), 159: 117,
1986
Gathiram V See Simies AC

1986
Gathiram V See Simjee AC
Gatley SJ; Wess MM; Govoni PL; et al:
deuterioglucose: alteration of biodistribution by
an isotope effect, (J Nucl Med), 27: 388, 1986
Gaucher A; Pere P; Bannwarth B: insufficiency
fractures of the pelvis, (Clin Nucl Med), 11: 518,
1986
Gaudage ANN Common

Gauderer MWL See Pardes JG Gaudert L See Lewellyn G
Gaudet L See Llewellyn G
Gaunt JI See Young AE
Gauthier F See Brun P
Gaux JC See Pernes JM
Gavant ML See Ellis JV
Gavant ML See Langston JW
Gavant ML; Gold RE; Fabian TC; Tonkin ILD:

vascular trauma to the extremities and lower neck: initial assessment with intravenous digital subtraction angiography, (Radiology), 158: 755,

Gavant ML; Salazar JE; Ellis JV: intrarenal rupture of the abdominal aorta: CT features, (JCAT), 10: 516, 1986

Gavant ML; Winer-Muram HT: traumatic pulmonary artery pseudoaneurysm, (J Canad Assoc Radiol), 37: 108, 1986

Assoc Radiol), 37: 108, 1986
Gavilan C See Gavilan J;
Gavilan J; Trujillo M; Gavilan C: spontaneous
enchephalocele of the middle ear, (Radiology),
133: 857, 1984
Gavin PM; Matalon TAS; Petasnick JP;

Roseman DL: congenital hepatic artery aneurysm simulating pancreatic carcinoma, (Radiology), 152: 607, 1984 Gawehn J See Schroth G

Gawehn J; Schroth G; Thron A: value of paraxial slices in MR-imaging of spinal cord disease, (Neuroradiol), 28: 347, 1986

(Neuroradiol), 28: 347, 1986
Gay B B Jr See Atkinson GO Jr
Gay F See Maillet PJ
Gay JA See Gottdiener JS
Gayler BW See Fishman EK
Gaylord GM See Baker SR
Gaynon MW; Boldrey EE: retinal neovascularization
and ocular toxoplasmosis, (Radiology), 156: 861,
1985
Card CR U. Comment MA Albitathions levels and

and ocular toxoplasmosis, (Radiology), 156: 861, 1985

Geard CR; Georgsson MA: glutathione levels and cytotoxicity of a thiol activated alkylating agent in human and mouse cells, (Int J Radiat Oncol Biol Phys), 12: 1179, 1986

Geard CR; Osmak RS; Hall EJ; Simon HE;

Maudsley AA; Hilal SK: magnetic resonance and ionizing radiation: a comparative evaluation in vitro of oncogenic and genotoxic potential, (Radiology), 152: 199, 1984

Gearhart JP See Nussbaum AR

Gebarski KS; Gebarski SS; Glazer GM; Samuels BI; Francis IR: lumbosacral plexus: anatomicradiologic-pathologic correlation using CT, (Radiographics), 6: 401, 1986

Gebarski SS See Gebarski KS

Gebarski SS See Knake JE

Gebarski SS See Correl Gebarski SS See Littrup PJ

Gebarski SS See Roher M

Gebarski SS; Gabrielsen TO; Knake JE; et al: cerebral CT findings in methylmalonic and propionic acidemias, (Radiology), 152: 553, 1984

Gebarski SS; Gabrielsen TO; Knake JE; et al: iohexol versus metrizamide for cervical myelography: double-blind trial, (AJNR), 6: 923, 1985

Gebarski SS; Gebarski KS; Bowerman RA; Silver TM: agenesis of the corpus callosum: sonographic features, (Radiology), 151: 443, 1984

Gebarski SS; Greenberg HS; Gabrielsen TO; et al:
orbital angiographic changes after intracarotid
BCNU chemotherapy. (AJNR), 5: 55, 1984
Gebarski SS; Maynard FW; Gabrielsen TO;
Knake JE; Latack JT; Hoff JT: posttraumatic
progressive myelopathy. clinical and radiologic
correlation employing MR imaging, delayed CT
metrizamide myelography, and intraoperative
sonography. (Radiology), 157: 379, 1985
Gebhardt MC; See Stafford SA
Gebhardt MC; Campbell CI; Schiller AL; et al:

Gebhardt MC; Campbell CJ; Schiller AL; et al: desmoplastic fibroma of bone, (Radiology), 157: 566, 1985

Gebg. 1985
Gebgaudas E See Day DL
Gedgaudas E See Frick MP
Gedgaudas-McClees K See Torres WE
Gedgaudas-McClees RK See Bernardino ME
Gedgaudas-McClees RK See McClees EC
Gedgaudas-McClees RK See Perkerson RB Jr

Gedgaudas-McClees RK; Torres WE; Colvin RS; et al: thoracic findings in gastrointestinal pathology, (Radiol Clin North Am), 22: 563, 1984 Gedroyc WMW; Reidy JF: early chest radiographic

changes of pneumocystis pneumonia, (Radiology), 157: 563, 1985 Geenen JE See Venu RP Gefter WB See Albelda SM Gefter WB See Aronchick JM Gefter WB See Coscina WI Gefter WB See Epstein DM Gefter WB See Herman GT

Gefter WB See Mitchell DG
Gefter WB See Mitchell DG
Gefter WB See Rato VM
Gefter WB; Albelda SM; Talbot GH; Gerson SL;
Cassileth PA; Miller WT: invasive pulmonary
aspergillosis and acute leukemia, (Radiology),
137: 603, 1985

Gefter WB; Pietra GG; Epstein DM; Miller WT: speculation on the mechanism for amioda

speculation on the mechanism for amiodarone induced pneumonitis: reply, (Radiology), 150: 280, 1984 Gehring DG See Forbes G Geiger AH See Smith JC Geisinger KR See Weidner N Geisinger M See Go RT Geisinger MA See Graor RA Geisinger MA See Masaryk TJ Geisinger MA See Risius B

Geisinger MA See Zelch MG Geisinger MA; Risius B; Jordan ML; et al: magnetic resonance imaging of renal transplants, (AJR), 143: 1229, 1984

143: 1229, 1984

Geisinger MA; Risius B; O'Donnell JA; Zelch MG;
Moodie DS; Graor RA; George CR: thoracic
aortic dissections: magnetic resonance imaging,
(Radiology, 155: 407, 1985

Gelberman RH See Guerra J Jr
Gelbert F; Bergvall U; Salamon G; et al: CT
identification of cortical speech areas in the
human brain, (JCAT), 10: 39, 1986

Gelch MM See Pueschel SM
Gelfand DW See Choplin RH
Gelfand DW See Choplin RH
Gelfand DW See Obpetch WF Ir

Gelfand DW See Obrecht WF Jr Gelfand DW See Ott DJ

Gelfand DW See Zagoria RJ Gelfand DW; Dale WJ; Ott DJ: location and size of gastric ulcers: radiologic and endoscopic evaluation, (AJR), 143: 755, 1984

evaluation, (AJR), 143: 755, 1984
Gelfand DW; Dale WJ; Ott DJ; et al: radiologic
detection of duodenal ulcers: effects of examiner
variability, ulcer size and location, and
technique, (AJR), 145: 551, 1985
Gelfand DW; Dale WJ; Ott DJ; Wu WC; Kerr RM;
Munitz HA; Chen YM: duodenitis: endoscopicradiologic correlation in 272 patients,
(Radiology), 157: 577, 1985

Gelfand DW; Ott DJ: methodologic considerations in comparing imaging methods, (AJR), 144: 1117, 1985

1117, 1985

Gelfand DW; Ott DJ; Munitz HA; Chen YM: candida esophagitis: accuracy of radiographic diagnosis, (Radiology), 156: 844, 1985.

Gelfand DW; Sowers JC; DePonte KA; et al: anaphylactic and allergic reactions during double-contrast studies: is glucagon or barium suspension the allergen?, (AJR), 144: 405, 1985.

Gelfand MJ See Brott TG.

Gelfand MJ: scintigraphy in upper abdominal trauma, (Semin Roentgenol), 19: 296, 1984
Gelfand MJ; Thomas SR; Kereiakes JG: absorbed

radiation dose from routine imaging of the skeleton in children, (Radiology), 151: 823, 1984

Gelin J See Marchal G Gellad F See Arora S Gellad F See Haney P Gellad F See Hamey F Gellad FE See Templeton PA Gellad FE; Hafiz MA; Blanchard CL: osteoblastoma of the temporal bone: CT findings, (JCAT), 9: 577, 1985 Gellad FE; Levine AM; Joslyn JN; Edwards CC; Bosse M: pure thoracolumbar facet dislocatio clinical features and CT appearance, (Radiology, 161: 505, 1986 Geller M See Tash RR Geller S See Marx M Geller SA See Yeh H-C

Geller S See Marx M
Geller SC See Shelh-C
Geller SC See Balcar I
Geller SC See Meuis RA
Geller SC See Meuis RA
Geller SC See Meuis RA
Geller SC See Moore EH
Gelman R See Harris J
Gelpke GJ See van Dongen KJ
Geltman EM See Rholl KS
Gemmell HG See Sharp PF
Genant HK See Cann CE
Genant HK See Cann CE
Genant HK See Dorwart RH
Genant HK See Dorwart RH
Genant HK See Gillespy T III
Genant HK See Hellmann DB
Genant HK See Hellmann DB
Genant HK See Reinbold W-D
Genant HK See Sim RE
Genant HK See Kogler JB III
Genereus CP: CT of acute and chronic distal air
space (alveolar) disease, (Semin Roentgenol), 19:
211, 1984
Genereus GP; Howie JL: normal mediastinal lymph

erreux GP; Howie JL: normal mediastinal lymph node size and number: CT and anatomic study, (AJR), 142: 1095, 1984

(A)R), 142: 1095, 1984
Geneston J-L See Capron J-P
Genieser NB See Ambrosino MM
Genieser NB See Hulnick DH
Gens DR See Mirvis SE
Gentes CI See George AE
Gentili P, Trasimeni A; Gioriandino C; fetal

Gentili P; Trasimeni A; Gioriandino C: fetal ossification centers as predictors of gestational age in normal and abnormal pregnancies, (Radiology), 154: 569, 1985
Genton N See Ginalski J-M
Gentry LR See Biller J
Gentry LR See Smoker WRK

Gentry LR See Smoker WRK
Gentry LR, Menezes AH; Turski PA; et al:
suprasellar arachnoid cysts: 2 evaluation of CSF
dynamics, (AJNR), 7: 87, 1986
Gentry LR; Smoker WRK: computed tomography of
facial trauma, (Semin US CT MR), 6: 129, 1985
Gentry LR; Smoker WRK; Turski PA; et al:
suprasellar arachnoid cysts: 1. CT recognition,
(AJNR), 7: 79, 1986

Gentry LR; Strother CM; Turski PA; et al:

chymopapain chemonucleolysis: correlation of diagnostic radiographic factors and clinical outcome, (A)NR), 6: 311, 1985 Gentry LR; Turski PA; Strother CM; et al:

chymopapain chemonucleolysis: CT changes after treatment, (AJNR), 6: 321, 1985 Gentz CF See Josefsson PO Geoffray A; Lee Y-Y; Jing B-S; et al: extracranial meningiomas of the head and neck, (AJNR), 5: 599, 1984

599, 1984
George AE See Braun IF
George AE; De Leon MJ; Gentes CI; et al:
leukoencephalopathy in normal and pathologic
imaging: 1. CT of brain lucencies, (AJNR), 7:
561, 1986

George AE; de Leon MJ; Kalnin A; et al: leukoencephalopathy in normal and pathologic aging; 2. MRI of brain lucencies, (AJNR), 7: 567, 1986

aging: 2. MRI of brain lucencies, (AJNR), 7: 567, 1986

George B; Reizine D; Laurian C; et al: tinnitus of venous origin, (Radiology), 150: 861, 1984

George C See Go RT
George CR See Berkowski GP
George CR See Feiglin DH
George CR, Jacobs C; MacIntyre WJ; Lorig RJ;
Go RT; Nose Y; Meaney TF: magnetic resonance signal intensity patterns obtained from continuous and pulsatile flow models, (Radiology), 151: 421, 1984

George DJ See Klara PM
George ED See Cellerier P
Georgi MS See Ham HR
Georget AM See Cellerier P
Georgi MS See Prager P
Georgi P; Kaps HP; Sinn HJ: leukocyte scanning of inflammatory processes in the spinal column, (Radiology), 158: 569, 1986

Georgiev M See Luby BJ
Georgiou E; Alevizaki CC; Proukakis C: preoperative scintigraphic evaluation of the liver and biliary tract in Caroli's disease,

Georgiou E; Alevizaki CC; Proukakis C: preoperative scintigraphic evaluation of the liver and biliary tract in Caroli's disease, (Radiology), 150: 870, 1984 Georgsson MA See Geard CR Gerald B See Benator RM Gerald B See

Geraldes CFGC; Sherry AD; Brown RD III; et al: magnetic field dependence of solvent proton relaxation rates induced by Gd<sup>3+</sup> and Mn<sup>2+</sup> complexes of various polyaza macrocyclic ligands: implications for NMR imaging, (Magn Res Med), 3: 242, 1986 Gerard PS; Lefkovitz Z: optical push device: aid to the angiographer, (Cardiovasc Intervent Radiol), 9: 111, 1986

the angiographer, (Cardiovasc Intervent
Radiol), 9: 111, 1986
Gerard PS; Lefkovitz Z; Golbey SH; et al: transient
thoracic venous collaterals: incidental CT
finding, (JCAT), 10: 75, 1986
Gerber KH See Brown JJ
Gerber KH, Heggins CB: quantitation of size of
myocardial infarctions by computerized
tranmission tomography: comparison with hotspot and cold-spot radionuclide scans,
(Radiology), 150: 866, 1984
Gerbi BJ See Potish RA
Gerein V See Waag KL
Geremia GK See Levine RS
Gericke C See Beighton P
Gerke KF; Gebarski SS; Chandler WF; et al: external
carotid-vertebral artery anastomosis for

carotid-vertebral artery anastomosis for vertebrobasilar insufficiency, (AJNR), 6: 33, 1985

Gerlis L See Behnam R

Gerlock AJ: emergency patient. 2d ed. exercises in diagnostics radiology, vol. 7, (Radiographics), 4: 1013, 1984

diagnostics radiology, vol. 7, (Radiographics), 4: 1013, 1984

Gerlock AJ Jr See Giyanani VI.

Gerlock AJ Jr. See Giyanani VI.

Gerlock AJ Jr. See Mirfakhraee M

Gerlock AJ Jr. digital subtraction angiography:
practical aspects, (Radiology), 161: 544, 1986

Gerlock AJ Jr. imaging and hypertension. saunders monographs in clinical radiology series, vol. 22, (Radiology), 154: 500, 1986

Gerlock AJ Jr. interventional real-time ultrasound, (Radiology), 159: 500, 1986

Gerlock AJ Jr. interventional ultrasound, (Radiology), 159: 500, 1986

Gerlock AJ Jr. pediatric cardiac imaging, (Radiology), 155: 98; 1985

Gerlock AJ Jr. transluminal angioplasty technique: early and late results, (Radiology), 151: 348, 1984

Gerlock AJ Jr. transluminal angioplasty, (Radiology), 151: 348, 1984

German PA See Videll JS

Germard W See MacIachlan AK

Gersell DJ See Meet Nicotop 18

Germon PA See Videll JS
Gerrard JW See Maclachlan AK
Gersell DJ See Lee JKT
Gersell DJ See Worthington JL
Gershaler R See Hynes DM
Gershel JC, Goldman HS: Stein REK; et al:
usefulness of chest radiographs in first asthma
attacks, (Radiology), 151: 547, 1984
Gershon CR See Rosenthal D
Gershon SL See Gefter WB
Gersonde K See Staemmler M
Gersonde W See Dudell GG
Gersten K; Pillari G; Greenspan B; et al: crossed-leg
technique for digital subtraction angiography,
(AJR), 146: 843, 1986
Gersten KC See Khan A
Gerster J-C; Jaeger P; Gobelet C; et al: adult
sporadic hypophosphatemic osteomalacia
presenting as regional migratory osteoporosis,
(Radiology), 161: 860, 1986
Gertzbein S See Rubenstein JD
Gerundini P; Savi A; Gilardi MC; et al: evaluation
in dogs and humans of three potential
technetium-99m myocardial perfusion agents, (J
Nucl Med), 27: 409, 1986 Nucl Med), 27: 409, 1986

Gerver PS See vanSonnenberg E Gerweck L See Okunieff PG

Gerweck I. See Okuniett PG
Gerza C See Potter JI.
Gerzof SG See Gale ME
Gerzof SG See Johnson WC
Gerzof SG; Johnson WC; Robbins AH; et al:
expanded criteria for percutaneous abscess
drainage, (Radiology), 156: 270, 1985
Gerzof SG; Johnson WC; Robbins AH; et al:

percutaneous drainage of infected pancreatic pseudocysts, (Radiology), 155: 275, 1985 Geslien GE; Fisher JR; DeLaney C: transillumination in breast cancer detection: screening failures and potential, (AJR), 144: 619,

Getrajdman GI; O'Toole K; Laffey KJ; et al: cystic

duct occlusion and transcatheter sclerosis of gallbladder in the rabbit, (Invest Radiol), 21: 400, 1986

gallbladder in the rabbit, (Invest Radiol), 21:
400, 1986
Gett M See Howman-Giles R
Geurkink RE See Vyborny CJ
Geurts JM See Claes HP
Gewolb IH; Freedman RM; Kleinman CS; et al:
prenatal diagnosis of a human pseudoacardiac
anomaly, (Radiology), 150: 868, 1984
Geyer CA See Aboulezz AO
Ghaed N See Blue PW
Ghaed N See Blue PW
Ghaed N See Jackson JH
Ghahremani GG See Cornwell J
Ghahremani GG See Karoll MP
Ghahremani GG See Karoll MP
Ghahremani GG See Rarn CS
Ghahremani GG See Rarn CS
Ghelman B See Steinbach LS
Ghelman B Kee Steinbac

Gherini SG; Brackmann DE; Lo WWM; et al: cholesterol granuloma of the petrous apex, (Radiology), 159: 574, 1986 Gherlinzoni F See Picci P Gherlinzoni F See Springfield DS Ghishan FK; Greene HL; Avant GR; et al: chronic relapsing pancreatitis in childhood, (Radiology), 150: 290, 1984 Ghobrial MW See McVeigh MC Cholky A. See Gillegrigh.

Ghobrial MW See McVeigh MC
Gholkar A See Gillespie JE
Ghoneim MA; Shaaban AA; El-Merzabani MM:
intravesical administration of misonidazole in
bladder carcinoma. (Radiology), 152: 271, 1984
Giacomantonio A; Ein SH; Mancer K; et al: thirty
years of experience with pediatric primary
malignant liver tumors, (Radiology), 155: 855,
1085

Giacomantonio M See Fowlie F
Giangrande A See Solbiati L
Gianola FJ See Miller DL
Gianopoulos J; Elias SS; Simpson JL; et al:
ultrasonic assessment of fetal response to
second-trimester amniocentesis, (Radiology),
140, 57, 1986

second-trimester amniocentesis, (Radiology),
160: 575, 1986
Gianturco C See Charnsangavej C
Gianturco C See Roehm JOF Jr
Gianturco C See Wilght KC
Gibors C See Wright KC
Gibb SP See Styles RA
Gibbons J See Senitzer D
Gibbons RG; Halvorsen RA; Foster WL Jr; et al:
esophageal lesions after total laryngectomy,
(AJR), 144: 1197, 1985
Gibbons RF See Ruch WH

Gibbons RP See Bush WH Gibbons RP See Eusek IF

Gibbons RP; See Eusek JF Gibbons RP; Cole BS; Richardson RG; et al: adjuvant radiotherapy following radical prostatectomy: results and complications, (Radiology), 159: 821, 1986 Gibbs FA Jr See Leavitt DD

Gibbs RA Jr See Leavitt DD
Gibbs SJ See Runge VM
Gibney RG See MacErlean DP
Gibod LB, Katz M; Cochand B; et al: lymphography
and percutaneous fine needle node aspiration
biopsy in the staging of bladder carcinoma,
(Radiology), 158: 272, 1985
Gibson Jy; D'Cruz CA; Patel RB; et al: acardiac
anomaly: review of the subject with case report
and emphasis on practical sonography, (JCU),
14: 541, 1986
Gibson RN See Adam A
Gibson RN See Finn JP
Gibson RN See Finn JP
Gibson RN: biliary endoprosthesis blockage:
clearance using a 22-gauge needle (technical
note), (AJR), 147: 404, 1986
Gibson RN; Allison DJ; Finn JP: drainage catheter

Gibson RN; Allison DJ; Finn JP: drainage catheter displacement: reply. (Radiology), 157: 835, 1985

displacement: reply. (Radiology), 157: 835, 1985

Gibson RN; Halliday A; Keshavarzian A; et al: <sup>111</sup>In leukocyte scanning as a guide to abdominal abscess drainage, (AJR), 145: 1071, 1985

Gibson RN; Morgan SH; Krausz T; et al: pulmonary artery aneurysms in Behcet's disease, (Radiology), 157: 279, 1985

Gibson RN; Yeung E; Thompson IN; Carr DH; Hemingway AP; Bradpiece HA; Benjamin IS; Blumgart H; Allison DJ; bile duct obstruction: radiologic evaluation of level, cause, and tumor resectability, (Radiology), 160: 43, 1986

Gibson RS See Dee P

Gibson TC See Gillam LD

Gibson W; rs sphenoid sinus revisited, (Radiology), 153: 278, 1984

Giedion A See Fanconi S

Gielow P See Creutzig H

Gledion A See Fancon S Glelow P See Creutzig H Giese K See Newiger H Giger ML See Doi K Giger ML See Fujita H Giglia RV See Gleicher N Gil MP See Bonilla-Musoles F Gilanti BB See Anderson SW

Gilardi MC See Gerundini P Gilbert A See Stoskopf CA Gilbert BR; Cerqueira MD; Vea HW; Nelp WB: indium-111 labeled leukocyte uptake; false-positive results in noninfected

pseudoaneurysms, (Radiology), 158: 761, 1986

Gilbert J See Onik G Gilbert LA; Park YS; Ally KM: partial biliary obstruction due to ad oma of the terminal common bile duct, (Clin Nucl Med), 11: 216, 1986

Gilbert MS See Hermann G Gilbert MS See Hermann G
Gilbertson V See Worthen NJ
Gilboa N; Largent JA; Urizar RE: primary oxalosis
presenting as anuric renal failure in infancy:
diagnosis by x-ray diffraction of kidney tissue,
(Radiology), 151: 823, 1984
Gilday DL See El-Desouki M
Gilday DL See Eschaub T
Gilderdale DJ See Bailes DR
Giles DJ; Thomas RJ; Osborn AG; Clayton PD;
Miller M; Bahr L; Frederick P; O'Connor G;
Ostler D: lumbar spine: pretest predictability of
CT findings, (Radiology), 150: 719, 1984

Giles DS See Yetkin Z Gill CC See Detrano R Gill FM See Poncz M

Gill FM See Poncz M
Gill JB; Miller DD; Boucher CA; et al: clinical decision making: dipyridamole thallium imaging, (J Nucl Med), 27: 132, 1986
Gill K; Buckholz RW: role of computerized tomographic scanning in the evaluation of major pelvic fractures, (Radiology), 152: 861, 1004.

Gill PS See Burkes RL Gill RW See Robinson DE

Gill RW See Robinson DE
Gillam LD; Guyer DE; Gilson TC; et al:
hydrodynamic compression of the right atrium:
a new echocardiographic sign of cardiac
tamponade, (Radiology), 151: 831, 1984
Gillenwater JY See Tegtmeyer CJ
Gilles C; Brucher JM; Khoubesserian P; et al:
cerebral amyloid angiopathy as a cause of
multiple intracerebral he.aorrhages,
(Radiology), 154: 564, 1985
Gillespie JE; Gholkar A; Gupta S; gallbladder
visualization following pediatric
cardioangiography with Hexabrix, (Radiology),
158: 575, 1986
Gillespie JE: Isherwood I: three-dimensional

Gillespie JE; Isherwood I: three-dimensional

satisspie Jr; Isnerwood I: three-dimensional anatomical images from computed tomographic scans, (Br J Radiol), 59: 289, 1986
Gillespy T III See Helms CA
Gillespy T III; See Richardson ML
Gillespy T III; Genant HK; Helms CA: magnetic resonance imaging of osteonecrosis, (Radiol Clin North Am), 24: 193, 1986

Clin North Am), 24: 193, 1986
Gillespy T III; Helms CA: oblique head position in temporomandibular joint arthrography.
(Radiology), 158: 541, 1986
Gillieson MS See Winer-Muram HT
Gilliinad JD See Chasen MH
Gilliin MT, Kline RW; Wilson JF; et al: single and double plane implants: a comparison of the Manchester System with the Paris System,
(Radiology), 155: 288, 1985
Gillis AE See McNeil BJ
Gillis DA See Belcourt CL

Gillis AE See McNeil BJ
Gillis DA See Belcourt CL
Gillon G See Hadar H
Gilman CJ See Zink SR
Gilmor R See Azzarelli R
Gilmor RL See Augustyn GT
Gilmor RL See Kopecky KK
Gilmor RL See Copecky KK
Gilmor RL See Colson E
Gilmor RL See Soth Gilmor RL See Olson E
Gilmor RL See Olson E
Gilmor RL See Scott JA
Gilmour HM See Ford MJ
Gilsanz V See Boechat MI
Gilsanz V See Boechat MI
Gilsanz V See Senac MO Jr
Gilsanz V See Senac MO Jr
Gilsanz V See Vachon L
Gilsanz V; displacement of the appendix in
intussusception, (AIR), 142: 407, 1984
Gilsanz V; Bernstein BH; joint calcification
following intraarticular corticosteroid therapy,
(Radiology), 151: 647, 1984
Gilsanz V; Emons D; Hansmann M; Meradji M;
Donaldson JS; Omenaca F; Quero J; Tucker BL:
hydrothorax, ascites, and right diaphragmatic
hernia, (Radiology), 158: 243, 1986
Gilsanz V; Fernal W; Reid BS; Stanley P; Ramos A:
nephrolithiasis in premature infants,

Gilsanz V; Fernal W; Reid B5; Stanley P; nephrolithiasis in premature infants, (Radiology), 154: 107, 1985 Gilula LA See Amato M Gilula LA See Conway WF Gilula LA See Cunningham DA Gilula LA See Murphy WA Gilula LA See Reinus WR Gilula LA See Rockwell WB Gilula LA See Schwimmer M Gilula LA See Shirley SK

Gilula LA See Solimon MA
Gilula LA See Solomon MA
Gilula LA See Teng MMH
Gilula LA; Oloff L; Caputi R; Destouet JM;
Jacobs A; Solomon MA: ankle tenography: a
key to unexplained symptomatology. part II:
diagnosis of chronic tendon disabilities,

diagnosis of chronic tendon disabilities, (Radiology), 151: 581, 1984
Gil-Vernet JM; Culla A: intraoperative 3-dimensional radiography of the kidney: modified technique, (Radiology), 156: 267, 1985
Gimlette TMD; Brownless SM; Taylor WH; et al: limits to parathyroid imaging with thallium-201 confirmed by tissue uptake and phantom studies, (J Nucl Med), 27: 1262, 1986
Ginai AZ; ten Kate FJW; ten Berg RGM; et al: experimental evaluation of various available contrast agents for use in the upper gastrointestinal tract in cases of suspected leakage, effects on lungs, (Radiology), 155: 849, 1985

1985
Ginaldi S; Long WD: concurrent dissection and intracaval rupture of an abdominal aortic aneurysm: CT findings, (ICAT), 9: 369, 1985
Ginalski J-M; Michaud A; Genton N: renal growth retardation in children: sign suggestive of vesicoureteral reflux?, (AJR), 145: 617, 1985
Ginjaume M; Casey M; Barker F; et al: comparison between four simple methods for measuring glomerular filtration rate using technetium-99m DTPA, (Clin Nucl Med), 11: 647, 1986

Ginman C See Pahlman L
Ginsberg F See Peyster RG
Ginsberg NA See Cadkin AV
Ginsburg L See Onik G
Ginsburg R; Wexler L; Mitchell RS; Profitt D:
percutaneous transluminal laser angioplasty for
treatment of peripheral vascular disease: clinical
experience with 16 patients, (Radiology), 156:
619, 1985

Ginzton LE; Conant R; Brizendine M; et al: quantitative analysis of segmental wall motion during maximal upright dynamic exercise: variability in normal adults, (Radiology), 160:

287, 1986
Giorgio A; Amoroso P; Lettieri G; Fico P; de
Stefano G; Finelli L; Scala V; Tarantino L;
Pierri P; Pesce G: cirrhosis: value of caudate to
right lobe ratio in diagnosis with US,
(Radiology), 161: 443, 1986
Gioriandino C See Gentili P
Gips S; Israel O: scintigraphic detection of bleeding

Gips S; Israel O: scintigraphic detection of bleeding after transfemoral arteriography, using technetium-99m labeled RBCs, (Clin Nucl Med), 11: 669, 1986

Girard CM; Rugh KS; DiPalma JA; et al: comparison of Golytely lavage with standard diet/cathartic preparation for double-contrast barium enema, (AJR), 142: 1147, 1984

barium enema, (A)K), 142 Girard P See Musset D Girdany BR See Kawanami T Girgis N See Meyer K Giri S See Reddy EK Giri S See Simi M Girl See Simi M
Girdo DA See Caldwell RL
Girotti F See Casazza M
Girton M See Fink IJ
Girton M See Fink IJ
Girton ME See Di Chiro G
Girton ME See Do Chiro G
Girton ME See Do Chiro G
Girvin JP See Fox AJ
Gisvold JJ See Schreiman JS
Gisvold JJ Serown LR; Swee RG; et al: comparison
of mammography and transillumination light
scanning in the detection of breast lesions,
(AJR), 147: 191, 1986
Gisvold JJ Martin IK Ir prehionsy localization of

(AJK), 147: 191, 1986
Gisvold JJ; Martin JK Jr: prebiopsy localization of nonpalpable breast lesions, (AJR), 143: 477, 1984
Gitelis S See Petasnick JP
Gitelis S; Petasnick JP: Turner DA; et al: endometriosis simulating a soft tissue tumor of the thigh: CT and MR evaluation, (JCAT), 9: 573, 1985

1985
Gitlin JN: teleradiology, (Radiol Clin North Am),
24: 55, 1986
Gitschlag KF See Sandler MA
Gittelman MC See Levy OM
Gitterman MM See Biggs PJ
Gittes RF. See Sumers EH Gittes RF See Sumers EH
Giudicelli G See Tardy G
Giudicelli G See Tardy G
Giuffre GM; Gulliver DJ: renal oncocytoma,
(Radiology), 157: 849, 1985
Giulian BB See Chang CCN
Giulian BB: prenatal ultrasonographic diagnosis of
fetal renal tumors, (Radiology), 152: 69, 1984
Giulian BB; Chang CCN; Yoss BS: prenatal
ultrasonographic diagnosis of fetal adrenal
neuroblastoma, (JCU), 14: 225, 1986
Giuliano AE; Feig S; Eilber FR: changing metastatic
patterns of osteosarcoma, (Radiology), 156: 268,
1985

1985
Giuntini C See Milne ENC
Giuntini C See Pistolesi M
Giuseppetti G See Derchi LE
Giuseppetti G See Solbiati L
Giyanani VL See Mirfakhraee M
Giyanani VL: calf hematoma mimicking thrombophlebitis: reply, (Radiology), 157: 839,

1985

Giyanani VL; Grozinger KT; Gerlock AJ Jr;

Mirfakhraee M; Husbands HS: calf hematoma
mimicking thrombophlebitis: sonographic and
computed tomographic appearance,
(Radiology), 154: 779, 1985

Giyanani VL; Jackson MK; Gerlock AJ Jr; et al:
omental cyst mimicking the gallbladder, (JCU),
14: 131, 1986

14: 131, 1986
Giyanani VL; Meyers PC; Wolfson JJ: mesenchymal hamartoma of the liver: computed tomography and ultrasonography, (JCAT), 10: 51, 1986
Gjorup T; Nielsen H; Jensen LB; et al: interobserver variation in the radiographic diagnosis of duodenal ulcer disease, (Acta Radiol [Diagn]), 27. 41, 1986

27: 41, 1986 Gladden JR; Dreiling RJ; Gollub SB; et al: two-dimensional echocardiographic features of multiple right atrial myxomas, (Radiology), 152: 863, 1984 Gladstone AG See Palestro CJ

Gladziwa U See Heizel MV Glanz S See Sclafani SJA

Glanz 5; Gordon DH: utility of foot venography as part of the routine lower-extremity venogram: prospective study, (Cardiovasc Intervent Radiol), 9: 15, 1986

Glanz S; Gordon DH; Butt KMH; Hong J; Adamsons RJ; Sclafani SJA: dialysis access fistulas: treatment of stenoses by transluminal angioplasty, (Radiology), 152: 637, 1984

Glanz S; Gordon DH; Butt KMH; Hong J; Adamsons RJ; Sclafani SJA: stenotic lesions in dialysis-access fistulas: treatment by transluminal angioplasty using high-pressure balloons, (Radiology), 156: 236, 1985

Glanz S; Laungani GB; Gordon DH; et al: percutaneous removal of renal caliceal calculi: alternative approach, (Urol Radiol), 8: 40, 1986 Glaser B; Sheinfeld M; Benmair J; et al: magnetic resonance imaging of the pituitary gland, (Clin Radiol), 37: 9, 1986

Glaser J; Esser W; Holtmannspotter K: sonographic visualization of the pancreatic duct before and after secretin stimulation: aid in diagnosis of chronic pancreatitis, (Radiology), **157**: 862, 1985

Glasier C See Ramirez RE Glasier CM See Dunn V

Glasier CM See Sullivan WT Glasier CM; Ascher DP; Williams KD: incidental paranasal sinus abnormalities on CT of children: clinical correlation, (AJNR), 7: 861, 1986

Glasmann A See Grundy H
Glass EC; Rahimian J; Hines HH: effect of region of interest selection on first-pass radionuclide cardiac output determination, (J Nucl Med), 27: 1282, 1986

Glass JDM See Katz RSS Glass IP See Lee Y-Y

Glass JP; Hwang T-L; Leavens ME; et al: cerebral radiation necrosis following treatment of extracranial malignancies, (Radiology), 156: 276,

Glass RBJ See Fernbach SK Glass RBJ See Mendelsohn DB Glass RBJ See Schlesinger AE

Glass RBJ; Fernbach SK; Conway JJ; et al: gallium scintigraphy in American Burkitt lymphoma: accurate assessment of tumor load and prognosis, (AJR), 145: 671, 1985

Glass RBJ; Mendelsohn DB; Hertzanu Y: atypical findings on computed tomography in tuberous sclerosis. case reports, (Radiology), 155: 277,

Glass RBJ; Poznanski AK: leg-length determination with biplanar CT scanograms, (Radiology), **156**: 833, 1985

Glass T See Quinn SF Glass TA See Velasquez G

Glass TA See Velasquez G
Glass TA; Armstrong P; Minor GR; et al: computed tomographic features of round atelectasis, (Radiology), 150: 295, 1984
Glass TA; D'Souza VI; Velasquez G; Formanek AG; Meredith J; Albertson D: manipulation of vena cava filters: locked-catheter technique, (Radiology), 150: 258, 1984

Glasscock ME III; Smith PG; Bond AG; et al: management of aneurysms of the petrous portion of the internal carotid artery by osis (Radiology). resection and primary anastom 152: 553. 1984

Glassman LM See Heywang SH Glassman LM See Reynolds T

Glatthaar L See Bell JM Glaze S; LeBlanc AD; Bushong SC: defects in new protective aprons, (Radiology), 152: 217, 1984 Glazebrook GA See Jackson FI

Glazer AU See Swartz JD

Glazer GM See Adler DD

Glazer GM See Aisen AM Glazer GM See Amendola MA

Glazer GM See Baker DE

Glazer GM See Bank ER Glazer GM See Brady TM

Glazer GM See Buckwalter KA

Glazer GM See Francis IR

Glazer GM See Gebarski KS Glazer GM See Gross BH

Glazer GM See Hatfield MK

Glazer GM See Heavey LR

Glazer GM See Jafri SZH

Glazer GM See Lande IM

Glazer GM See Longino MA Glazer GM See Pennes DR

Glazer GM See Quint LE

Glazer GM See Raisanen J

Glazer GM; Aisen AM; Francis IR; et al: evaluation of focal hepatic masses: comparative study of MRI and CT, (Gastrointest Radiol), 11: 263, 1986

Glazer GM; Aisen AM; Francis IR; Gyves JW; Lande I; Adler DD: hepatic cavernous

hemangioma: magnetic resonance imaging. work in progress, (Radiology), 155: 417, 1985 Glazer GM; Gross BH; Aisen AM; et al: imaging of the pulmonary hilum: prospective comparative study in patients with lung cancer, (AJR), 145:

Glazer GM; Gross BH; Quint LE; et al: normal mediastinal lymph nodes: number and size according to American Thoracic Society mapping, (AJR), 144: 261, 1985 Glazer GM; Orringer MB; Gross BH; et al:

Glazer GM; Orringer MB; Gross BH; et al: mediastinum in non-small cell lung cancer: CT-surgical correlation. (AJR), 142: 1101, 1984 Glazer GM; Woolsey EJ; Borrello J; Francis IR; Aisen AM; Bookstein FL; Amendola MA; Gross MD; Bree RL; Martel W: adrenal tissue characterization using MR imaging, (Radiology), 158: 73, 1986

Glazer HS See Aronberg DJ Glazer HS See Heiken JP

Glazer HS See Katz ME Glazer HS See Lee JKT

Glazer HS See Levitt RG

Glazer HS See Ling D Glazer HS See Murphy WA

Glazer HS See Picus D

Glazer HS See Press GA

Glazer HS See Rholl KS Glazer HS See St. Amour TE

Glazer HS See Siegel MJ Glazer HS See Unger EC

Glazer HS See Ward MP Glazer HS See Worthington JL

Glazer HS see Worthington JL
Glazer HS; Aronberg DJ; Sagel SS; et al: CT demonstration of calcified mediastinal lymph nodes: guide to the new ATS classification, (AJR), 147: 17, 1986
Glazer HS; Aronberg DJ; Sagel SS; pitfalls in CT recognition of mediastinal lymphadenopathy, (AJR), 144: 267, 1985
Glazer HS; Aronberg DJ; Sagel SS; et al: utility of CT in detecting postpreumonectomy carcinor

Glazer H5; Aronberg DJ; Sagel S5; et al: utility of CT in detecting postpneumonectomy carcinoma recurrence, (AJR), 142: 487, 1984 Glazer H5; Duncan-Meyer J; Aronberg DJ; Moran JF; Levitt RG; Sagel S5: pleural and chest wall invasion in bronchogenic carcinoma: CT evaluation, (Radiology), 157: 191, 1985

CT evaluation, (Radiology), 157: 191, 1985
Glazer H5; Gutierrez FR; Levitt RG; Lee JKT;
Murphy WA: thoracic aorta studied by MR
imaging, (Radiology), 157: 149, 1985
Glazer H5; Lee JKT; Levitt RG; Heiken JP; Ling D;
Totty WG; Balfe DM; Emami B; Wasserman TH;
Murphy WA: radiation fibrosis: differentiation
from recurrent tumor by MR imaging; work in
progress, (Radiology), 156: 721, 1985
Glazer H5: Levitt RG: Le JKT; et al. differentiation

Glazer HS, Levitt RG, Lee JKT, et al: differentiation of radiation fibrosis from recurrent pulmonary neoplasm by magnetic resonance imaging, (AJR), 143: 729, 1984

(AJR), 143: 729, 1984
Glazer HS; Levitt RG; Shackelford GG: peripheral pulmonary infiltrates in sarcoidosis, (Radiology), 155: 847, 1985
Glazer HS; Niemeyer JH; Balfe DM; Devineni VR; Emami B; Hayden RE; Aronberg DJ; Levitt RG; Ward MP; Sagel SS; Lee JKT: neck neoplasms: MR imaging, part 1. initial evaluation, (Radiology), 160: 343, 1986
Glazer HS; Niemeyer JH; Balfe DM; Hayden RE; Clazer HS; Niemeyer JH; Balfe DM; Hayden RE;

Glazer HS; Niemeyer JH; Balfe DM; Hayden RE; Emami B; Devineni VR; Levitt RG; Aronberg DJ; Ward MP; Lee JKT; Sagel SS: neck neoplasms: MR imaging, part II. posttreatment evaluation, (Radiology), 160: 349, 1986

Gleicher N; Giglia RV; Depped G; et al: direct diagnosis of unruptured ectopic pregnancy b real-time ultrasonography, (Radiology), 150: 616, 1984

Gleischman SH See Morgenstern L

Glenn JF See Older RA Glenn W Jr See Holliday J

Glenn WV Jr See Rothman SLG Glenthoj A See Karstrup S

Glick AG See Tarr RW Glick SN See Apter AJ

Glick SN See Brandon J

Glick SN See Bronen RA Glick SN See Harding JA

Glick SN See Rubesin SE Glick SN See Schwab FJ

Glick SN See Schwartz EE

Glick SN; Cavanaugh B; Teplick SK: hypertrophied antral-pyloric fold, (AJR), 145: 547, 1985 Glick SN; Gohel VK; Laufer I: mucosal surface patterns of the duodenal bulb: subject review, (Radiology), 150: 317, 1984 Glick SN; Teplick SK: Crohn disease of the small intestine: diffuse mucosal granularity, (Radiology), 154: 313, 1985 Glick SN: Teplick SK: Grondman JR: Clearfield HR:

Glick SN; Teplick SK; Goodman LR; Clearfield HR; Shanser JD: development of lymphoma in patients with Crohn disease, (Radiology), 153:

Glick SN; Teplick SK; Levine MS; Caroline DF: gastric cardia metastasis in esophageal carcinoma, (Radiology), **160**: 627, 1986

Glickman MG See Morse SS Glickman MG See Rapoport S Glickman MG See Rigsby CM

Glickstein M; Kornstein MJ; Pietra GG; et al: nonlymphomatous lymph lung, (AJR), 147: 227, 1986

Glickstein MF; Haggar AM; Coleman BG: vascular and soft tissue calcification in systemic oxalosis: CT diagnosis, (JCAT), 10: 691, 1986

Glickstein MF; Velchik MG: gallium uptake in cutaneous sarcoidosis, (Clin Nucl Med), 11: 119, 1986

Glimelius B See Pahlman L

Glimelius B; Graffman S; Pahlman L; et al: preoperative irradiation with high-dose fractionation in adenocarcinoma of the rectum and rectosigmoid, (Radiology), 150: 871, 1984 Glimelius B; Graffman S; Pahlman L; et al:

radiation therapy of anal carcino (Radiology), **152**: 271, 1984

Globl H See Richter E Glonek T See Greiner JV

Glorioso LW III See Lang EK Glorioso LW III; Lang EK: pulmonary manifestitions of renal disease, (Radiol Clin North Am), 22: 647, 1984

Glossop LP See Smith RIH

Glover G See Kressel HY Glover GH See Bilaniuk LT Glover GH See Edelstein WA Glover GH See Perman WH

Glover GH See Wehrli FW Glover JL See Bendick PJ

Glover JL, See Bendick PJ; Jackson VP; et al: duplex ultrasonography, digital subtraction angiography, and conventional angiography in assessing carotid atherosclerosis, (Radiology), 154: 857, 1985 Glover MU See Shea PM

Gloviczki P See Vaqueiro M Glowalia M: residual masses after successful chemotherapy for testicular carcinoma, (AJR), 146: 1184, 1986

Glowniak JV; Wahl RL: patient motion artifacts on scintigraphic gastric emptying studies, (Radiology), 154: 537, 1985

Gluck WL See Kelvin FM

Gluck WL; Akwari OE; Kelvin FM; et al: reversible enteropathy complicating continuous hepatic artery infusion chemotherapy with 5-fluoro-2-deoxyuridine, (Radiology), 159: 570, 1986

Gluckman JL See Astor FC

Gmelin E; Weiss HD; Buchmann F: cardiac gating in intravenous DSA, (Eur J Radiol), 6: 24, 1986 Gmitro A See Majumdar S

Go RT See Detrano R Go RT See Feiglin DH

Go RT See George CR

Go RT See George CR
Go RT; MacIntyre W]; Yeung HN; Kramer DM;
Geisinger M; Chilcote WA; George C;
O'Donnell JK; Moodie DS; Meaney TF: volume
and planar gated cardiac magnetic resonance
imaging: a correlative study of normal anatomy
with thallium-201 SPECT and cadaver sections,
(Radiology), 150: 129, 1984
Go RT; O'Donnell JK; Underwood DA; et al:
comparison of gated cardiac MRI and 2D
echocardiography of intracardiac neoplasms,
(AJR), 145: 21, 1985
Gobelet C See Gerster I-C

Gobelet C See Gerster J-C Gobien BS See Gobien RP Gobien RP See Curry NS

Gobien RP See Stanley J Gobien RP See Vujic I Gobien RP; Stanley JH; Gobien BS; Vujic I; Pass HI: percutaneous catheter aspiration and drainage of suspected mediastinal abscesses, (Radiology), 151: 69, 1984

Gobien RP; Stanley JH; Soucek CD; Anderson MC; Vujic I; Gobien BS: routine preoperative biliary drainage: effect on management of obstructive jaundice, (Radiology), 152: 353, 1984

Gobien RP; Stanley JH; Vujic I; et al: thoracio biopsy: CT guidance of thin-needle aspiration, (AJR), 142: 827, 1984

Gochoco JM See Ziessman HA

Gockerman JP See Wise RH Jr Godart G; Durez M; Bevilacqua M; et al: technetium-99m MDP vs technetium-99m dicarboxypropane diphosphonate: clinical comparison in various pathologic condition (Clin Nucl Med), 11: 92, 1986

Goddard P; Henson J; Davies ER: pleural effusion causing unmatched ventilation defects in ventilation and perfusion scanning, (Clin Radiol), 37: 285, 1986

Goddard-Finegold J: periventricular, intraventricular hemorrhages in the premature newborn. update on pathologic features, pathogenesis, and possible means of prevention, (Radiology), 155: 853, 1985.

Goddeeris PG See Marchal GJF Godden D See Jones DK

Godoy J; Mathog RH: malar fractures associated with exophthalmos, (Radiology), 158: 285, 1986

Godwin JD See Chen JTT

Godwin JD See Foster WL Jr Godwin JD See Khoury MB

Godwin JD See MacGregor JH Godwin JD See Osborne DR Godwin JD See Putman CE

Godwin JD See Tarver RD Godwin JD; Chen JTT: thoracic venous anatomy, (AIR), 147: 674, 1986

Godwin JD; Merten DF; Baker ME: paramediastinal pneumatocele: alternative explanations to gas in the pulmonary ligament, (AJR), 145: 525, 1985 Godwin JD; Tarver RD: accessory fissures of the lung, (AJR), 144: 39, 1985

Godwin JD; Tarver RD: scimitar syndrome: four new cases examined with CT, (Radiology), 159:

Godwin JD; Van Moore A Jr; Ideker RE; et al: prospective demonstration of myocardial infarction by CT, (AJR), 143: 985, 1984

Goebel N See Franze I Goebel N See Jenni R

Goebel N: completely transhepatic course of the main portal vein with subcapsular ramification, (Radiology), 158: 574, 1986

Goebel N: lobe of the right brachiocephalic vein, (Radiology), 152: 860, 1984

Goebel N; Markwalder K; Siegenthaler W: fascioliasis hepatis—computed tomography appearance, (Radiology), 156: 863, 1985

Goepel JR See McGurk M Goepfert H See Finn DG

Goepfert H; Cangir A; Lee Y-Y: chemotherapy for aggressive juvenile nasopharyngeal angiofibroma, (Radiology), 159: 287, 1986

Goergen TG: serendipity in scintigraphic gastrointestinal bleeding studies, (Radiology), 151: 835, 1984

Goethlin J See Bakke A

Goetzman BW See Myracle MR

Goff JS; Adcock KA; Schmelter R: detection of esophageal ulcerations with technetium-99m albumin sucralfate, (J Nucl Med), 27: 1143, 1986 Goffin FB See Roseman JM

Goffinet DR: recent advances in brachytherapy physics, (Radiology), 158: 210, 1986

Gogel HK, Sherman RW, Becker LE: scrotal and abdominal skin necrosis complicating intravenous vasopressin therapy for bleeding esophageal varices, Gadiology), 157: 279, 1985 Gohara A See Senitzer D

Gohel VK See Glick SN Goin DW See Ierokomos A

Goin DW; Rasband RW; Mischke RE; et al: endolymphatic sac surgery in Mondini's dysplasia: a report of 16 cases, (Radiology), **154:** 565, 1985

Goiney R See Kidney M
Goiney R: ultrasound imaging of inferior vena cava
thrombosis, († Ultrasound Med), 4: 387, 1985
Goiney RC See Schwartz AN

Goiney RC See Skwarok DJ Goiney RC; Connell DG; Nichols DM: CT evaluation of tarsometatarsal fracture-dislocation injuries, (AJR), 144: 985, 1985

Goiney RC; Goldenberg L; Cooperberg PL; et al: renal oncocytoma: sonographic analysis of 14 cases, (AJR), 143: 1001, 1984

Goiney RC; Schoenecker SA; Cyr DR; et al: sonography of gallbladder duplication and differential considerations, (AJR), 145: 241, 1985

Goitein M: causes and consequences of inhomogeneous dose distributions in radiation therapy, (Int J Radiat Oncol Biol Phys), 12: 701,

Goitein M; Abrams M: multi-dimensional treatment planning: I. delineation of anatomy, (Radiology), 151: 279, 1984

Goitein M; Abrams M: multi-dimensional treatment planning: I. delineation of anatomy, (Radiology), 154: 287, 1985

Goitein M; Abrams M; Rowell D; et al: multi dimensional treatment planning: II. beams's eye-view, back projection, and projection through CT sections, (Radiology), **151**: 279, 1984

Gokan T See Kosuda S Golan A See Wexler S Golbey SH See Gerard PS Golbus MS See Mahony BS Gold BM See Cho KC Gold BM See Leibman AJ Gold I See Boyd KD

Gold JP; Canizaro P; Kazam E; et al: reliability of the results of ultrasound detection of fluid collections in the early postceliotomy period, (Radiology), **157**: 862, 1985

Gold LHA See Horton JA Gold RE See Gavant ML Gold RE See Tonkin ILD Gold RH See Boechat MI Gold RH See Kangarloo H

Gold RH See Reicher MA Gold RH; Bassett LW: radionuclide evaluation of skeletal metastases: practical considerations, (Skeletal Radiol), 15: 1, 1986

Gold RH; Bassett LW; Kimme-Smith C: breast imaging: state-of-the-art, (Invest Radiol), 21: 298, 1986

Gold RH; Cracchiolo A III; Bassett LW: prosthetic procedures of the joints of the ankle and foot, (Semin Roentgenol), 21: 75, 1986 Gold RP See Heiken JP

Gold RP: searly gastric cancer: radiographic experience: reply, (Radiology), 155: 255, 1985 Gold RP: Berman H; Fakhry J; et al: pancreas divisum with pancreatitis and pseudocyst, (AJR), 143: 1343, 1984 Gold RP; Green PHR; O'Toole KM; Seaman WB:

Gold RP; Green PHR; O'Toole KM; Seaman WB:
early gastric cancer: radiographic experience,
(Radiology), 152: 283, 1984
Goldberg AL; Rosenbaum AE; Wang H; et al:
computed tomography of dural sinus
thrombosis, (ICAT), 10: 16, 1986
Goldberg BB See Cole-Beuglet CM
Goldberg BB See Rifkin MD
Goldberg H See Green N
Goldberg H See Parameswaran R
Goldberg H See Atlas SW
Goldberg HI See Blaniuk LT

Goldberg HI See Alsa SW
Goldberg HI See Bilaniuk LT
Goldberg HI See Bilaniuk LT
Goldberg HI See Demas BE
Goldberg HI See Downs GC
Goldberg HI See Downs GC
Goldberg HI See Downs GC
Goldberg HI See Gomori JM
Goldberg HI See Guillaumin E
Goldberg HI See Kerlan RK Jr
Goldberg HI See Kerlan RK Jr
Goldberg HI See Kerlan RK Jr
Goldberg HI See Ni X-Y
Goldberg HI See Ni X-Y
Goldberg HI See Sark DD
Goldberg HI See Stark DD
Goldberg HI See Wolf K-J
Goldberg HI See North Mess PFGM
Goldbe

Goldberg Hi; Cann C.; Moss AA; et al: device for performing direct coronal CT scanning of the abdomen and pelvis, (AJR), 143: 900, 1984 abdomen and pelvis, RI; Gomori JM; Asbury AK; Bilaniuk LT; Zimmerman RA: cervical internal carotid artery dissecting hemorrhage: diagnosis using MR, (Radiology), 158: 157: 1984 158: 157, 1986

158: 157, 1986
Goldberg HJ; Moss AA; Stark DD; McKerrow J;
Engelstad B; Brito AC: hepatic cirrhosis:
magnetic resonance imaging, (Radiology), 153:
737, 1984
Goldberg JD See Chervenak FA
Goldberg JD See Chervenak FA
Goldberg ME; Frick M; Maile C; et al: case of the
day, (AJR), 144: 1290, 1985
Goldberg MJ See Eta Goldberg MJ S

day, (AJR), 144: 1290, 1985
Goldberg MJ See Elta GH
Goldberg MJ See Rubenfire M
Goldberg MJ See Rubenfire M
Goldberg RP See Rubenfire M
Goldberg RP See Hall FM
Goldberg RP See Hann L
Goldberg RP See Hann L
Goldberg RP See Sussman SK
Goldberg SJ; Valdes-Cruz LM; Sahn DJ; et al: two-dimensional echocardine raphic evaluation of

dimensional echocardiographic evaluation of dilated cardiomyopathy in children, (Radiology), 152: 850, 1984 Goldberg SK; Lipschutz JB; Ricketts RM; et al: procainamide-induced lupus lung disease characterized by neutrophil alveolitis, (Radiology), 152: 839, 1984

Goldbert J See Bhagavan BS Goldblatt A See King ME Goldblatt J See Hermann G Golden JA See Moore EH Golden JA See Stern RG Goldenberg DM See DeLand FH

Goldenberg DM; DeLand FH; Bennett SJ; et al: radioimmunodetection of prostatic cancer. in vivo use of radioactive antibodies against

vivo use of radioactive antibodies against prostatic acid phosphatase for diagnosis and detection of prostatic cancer by nuclear imaging, (Radiology), 151: 562, 1984

Goldenberg J. See Goiney RC

Goldenberg MB See Kienzle GD

Goldenberg NB, See Thickman DI

Goldenberg NB: lateral sinus thrombosis—medical or surgical treatment, (Radiology), 157: 284, 1985

Goldfaden D; Orringer MB; Appelman HD; et al: adenocarcinoma of the distal esophagus and gastric cardia: comparison of results of transhitatal esophagectomy and thoraccabdominal esophagogastrectomy, (Radiology), 161: 282, 1986

Goldfarb CR See Jackson ML

Goldfinger M See Fernandes BJ

Goldfinger M See Fernandes BJ

Goldfinger M See Ho CS Goldfinger M See Stoll S

Goldfinger M; Cohen MM; Steinhardt MI; et al: sonography and percutaneous aspiration of splenic epidermoid cyst, (JCU), 14: 147, 1986

Goldfinger M; Rothberg R; Stoll S: sonographic guidance of thyroid needle biopsy, (J Canad Assoc Radiol), 37: 186, 1986

Goldhirsch A; Triller JK; Greiner R; et al: computed tomography prior to second-look operation in advanced ovarian cancer, (Radiology), 152: 861, 1984

Goldhofer W See Merg E Goldhofer W See Merz E

Goldhofer W See Merz E
Golding RH See Nichols DM
Golding RP See Taets van Amerongen AHM
Golding RP See Treu EBWM
Golding RP See Van Zanten TEG
Golding SI See Husband JE
Golding SJ; Husband JE: percutaneous drainage of
malignant cysts, (Radiology), 156: 270, 1985
Goldkrand JW; Benjamin DS; Cantor DM: role of
ultrasound in obstetric management, (JCU), 14:
589, 1986 589 1986

Goldman AB See Steinbach LS Goldman AB; Abrahams TG: case report 356, (Skeletal Radiol), 15: 308, 1986

Goldman DG See Lindner A Goldman H See Green N Goldman H See Wang HH Goldman HS See Gershel JC

Goldman AB See Schneider R

Goldman H See Wang, HH
Goldman HS See Gershel JC
Goldman IS See Sigal E
Goldman IS, Winkler ML, Raper SE; et al: increased
hepatic density and phospholipidosis due to
amiodarone, (AJR), 144: 541, 1985
Goldman JA See Wolpert SM
Goldman KJ See Miller TR
Goldman KJ See Miller TR
Goldman KJ See Warhit JM
Goldman MJ See Zuckier LS
Goldman SA See Greco RJ
Goldman SM See Brendler CB
Goldman SM See Fishman EK
Goldman SM See Fishman EK
Goldman SM See Gatewood OMB
Goldman SM See Hartman DS
Goldman SM See Hartman EK; Gatewood OMB; et al:
CT in the diagnosis of enterovesical fistulae,
(AJR) 144:1790-1986

CT in the diagnosis of enterovesical fistulae (AJR), 144: 1229, 1985 Goldman SM; Fishman EK; Hartman DS; et al:

Coldman SM; Isinman ER; Hartman DS; et al: computed tomography of renal tuberculosis and its pathological correlates, (JCAT), 9: 771, 1985 Goldman SM; Fishman EK; Rosenshein NB; et al: excretory urography and computed tomography in the initial evaluation of patients with cervical cancer: are both examinations necessary?, (AJR), 143: 991, 1984

ofoldman SM; Hartman DS; Fishman EK; et al: CT of xanthogranulomatous pyelonephritis: radiologic-pathologic correlation, (AJR), 142: 963, 1984

963, 1984

Goldman SM; Hartman DS; Weiss SW: varied radiographic manifestations of retroperitoneal malignant fibrous histiocytoma revealed through Z7 cases, (Radiology), 160: 284, 1986

Goldman SM; Scheffel UA; Hilton J; et al: blood flow to experimental renal tumors, (Invest Radiol), Z1: 459, 1986

Goldner F; Danley D: enzymatic digestion of esophageal meat impaction: study of Adolph's meat tenderizer, (Radiology), 157: 279, 1985

Goldsmith JP See Merritt CRB

Goldsmith SJ See Armas RR

Goldsmith SJ See Strashun AM

Goldstein A; Clayman W: particle image-resolution

Goldsmith SJ See Barron TF
Goldsmith SJ See Strashun AM
Goldstein A; Clayman W; particle image-resolution
test object, (Radiology), 151: 838, 1984
Goldstein AS See Sclafani SJA
Goldstein CS See Bomalaski JS
Goldstein EJ See Koenig SH
Goldstein EJ See Wolf GL
Goldstein HA See Green CE
Goldstein HM See Levine MS
Goldstein HM See Levine MS
Goldstein HM See Dan SJ
Goldstein MS; Rush M; Johnson P; Sprung CL:
calcified adenocarcinoma of the lung with very
high CT numbers, (Radiology), 150: 785, 1984
Goldstein R; Hart IR: follow-up of solitary
autonomous thyroid nodules treated with <sup>131</sup>I,
(Radiology), 152: 566, 1984
Goldstein RA: rubidium-82 kinetics after coronary
occlusion: temporal relation of net myocardial
accumulation and viability in open-chested
dogs, (J Nucl Med.) 27: 1456, 1986
Goldstein RB; Filly RA; Toi A: septal veins: normal
finding on pensalar capails accurates.

dogs, () Nucl Med), 27: 1456, 1986
Goldstein RB, Filly RA, Toi A: septal veins: normal
finding on neonatal cranial sonography,
(Radiology), 161: 623, 1986
Goldstein RB; Wing VW; Laing FC; et al: computed
tomography of thick-walled gallbladder
mimicking pericholecystic fluid, (JCAT), 10: 55,

1986
Goldstein RC See Teplick SK
Goldstein S See Maruyama Y
Goldstein S See Stein PD
Goldstein S, Winston E; Chung TJ; et al: chronic
arthropathy in long-term hemodialysis,
(Radiology), 155: 852, 1985
Goldstein SA See Braunstein EM
Goldstein SJ; Lee C; Young AB; et al: aplasia of the
cervical internal carotid artery and
malformation of the circle of Willis associated
with Klippel-Trenaumay syndrome, case report,

with Klippel-Trenaunay syndrome. case report, (Radiology), 155: 857, 1985

Goldstein SR See Doppman JL Goldstein WZ See Dunne MG Goldstone J See Seeger JF Goldstone SE See Rigor VU Goldstraw P See Bradford R

Goldstraw P'See Kosloske AM
Goldthorn JF See Kosloske AM
Goldthorn JF; Ball WS Jr; Wilkinson LG; Seigel RS;
Kosloske AM: esophageal strictures in children:
treatment by serial balloon catheter dilatations,
(Radiology), 153: 655, 1984
Goldwasser B See Morag B

Goldwasser JM See Spiegel SM Golimbu C See Firooznia H Golimbu C See Rafii M

Golimbu C, See KATII M
Golimbu C; Firooznia H; Rafii M: CT of osteomyelitis of the spine, (AJR), 142: 159, 1984
Golimbu C; Firooznia H; Rafii M: hepatocellular carcinoma with skeletal metastasis, (Radiology), 154: 617, 1985

Golimbu C; Firooznia H; Rafii M; Engler G; Delman A: CT of thoracic and lumbar sp fractures that have been treated with Harrington instrumentation, (Radiology), 151: 731, 1984

Golimbu C; Marchetta P; Firooznia H; et al: hypertrophic osteoarthropathy in metastatic renal cell carcinoma, (Radiology), 152: 843, 1984

Golish IA See Ross IS Golladay ES See Redman JF

Golladay ES See Seibert JJ Golladay ES; Mollitt DL: surgically correctable fetal hydrops, (Radiology), 152: 853, 1984 Gollub SB See Gladden JR

Golman JM See Goolden AWG Golman K See Maly P

Golomb J; Solomon A; Peer G; et al: bilateral metachronous santhogranulomatous pyelonephritis in end-stage renal failure, (Urol Radiol), 8: 95, 1986

Gomes AS See Barbaric ZL Gomes AS See Cassling RJ Gomes AS See Driscoll SHM Gomes AS See Hoffman MG

Gomes AS; Baker JD; Martin-Paredero V; et al: acute renal dysfunction after major arteriography, (AJR), 145: 1249, 1985 Gomes AS; Busuttil RW; Baker JD; et al: congenital arteriovenous malformations, the role of transcatheter arterial embolization, (Radiology), 151: 261, 1984

Gomes AS; Lois JF; McCoy RD: angiographic treatment of gastrointestinal hemorrhage comparison of vasopressin infusion and embolization, (AJR), 146: 1031, 1986

embolization, (AJR), 146: 1031, 1986
Gomes AS; Papin PJ; Mankovich NJ; et al: digital
subtraction angiography: comparison of 512²
and 1024² imaging, (AJR), 146: 835, 1986
Gomes AS; Sinaiko AR; Tobian L; Cohn JN;
Formanek AG; Roe DJ; Amplatz K: renal vein
renin sampling in essential hypertension using
hydralazine and the tourniquet test,
(Radiology), 153: 619, 1984

Gomes H; Menanteau B; Gaillard D; et al: telangiectatic osteosarcoma, (Pediatr Radiol), 16: 140, 1986

mez A; Mata JM; Donoso L; Rams A: galactocele: three distinctive radiographic appearances, (Radiology), 158: 43, 1986

Gomez A; Mata JM; Donoso L; Rams A: galactocele: three distinctive radiographic appearances reply, (Radiology), 160: 853, 1986 Gomez ER See Smith VC

Gomez MZ See Vogel H

Gomori AJ; Hawryluk GA: visual agnosia without alexia, (Radiology), 155: 279, 1985 Gomori JM See Goldberg HI

Gomori JM See Goldberg HI Gomori JM See Hecht-Leavitt C Gomori JM See Herman GT Gomori JM See Macchi PJ Gomori JM See Spagnoli MV

Gomori JM; Floman Y: chymopapain disk-injection therapy. modified lumbar approach, (Radiology), 151: 245, 1984

Gomori JM; Grossman RI: intracranial hematomas: imaging by high-field MR: reply, (Radiology), 159: 566, 1986

Gomori JM; Grossman RI: occult cerebral vascular malformations: high-field MR imaging: reply, (Radiology), 161: 278, 1986 Gomori JM; Grossman RI; Bilaniuk LT; et al: high-

Gomor J M; Grossman RI; Bilantuk L T; et al: high-field MR imaging of superficial siderosis of the central nervous system, (JCAT), 9: 972, 1985 Gomori J M; Grossman RI; Goldberg HI; et al: wall of infundibular recess: CT and MR study, (JCAT), 9: 705, 1985

Gomori JM; Grossman RI; Goldberg HI; Hackney DB; Zimmerman RA; Bilaniuk LT: occult cerebral vascular malformations: high-field MR imaging, (Radiology), 158: 707, 1986 Gomori JM; Grossman RI; Goldberg HI; Zimmerman RA; Bilaniuk LT: intracranial

hematomas: imaging by high-field MR, (Radiology), 157: 87, 1985

Gomori JM; Grossman RI; Shields JA; Augsburger JJ; Joseph PM; DeSimeone D: choroidal melanomas: correlation of NMR spectroscopy and MR imaging, (Radiology), 158:

443, 1986

Gomori JM; Grossman RI; Shields JA;
Augsburger JJ; Joseph PM; DeSimeone D:
ocular MR imaging and spectroscopy: ex vivo
study, (Radiology), 160: 201, 1986
Gomori JM; Rappaport ZH: transovale trigeminal
cister

1984
Gong H Jr See Wallace JM
Gonzalez AC; Macon PF; Sankey RR; Tarcan Y:
amputation stumps studied by bone scanning
work in progress, (Radiology), 151: 225, 1984
Gonzalez CF See Reyes PF

Gonzalez CF See Reyes PF
Gonzalez DG; Haveman J: effects of irradiation by
single or multiple fractions per day on a
transplantable murine mammary carcinoma,
(Radiology), 151: 281, 1984
Gonzalez G See Donaldson JS

Gonzalez G See Donaldson JS
Gonzalez J See Comstock CH
Gonzalez R; Chiou RK: diagnosis of upper urinary
tract obstruction in children: comparison of
diuresis renography and pressure flow studies,
(Radiology), 156: 566, 1985
Gonzalez RG; Cheng H-M; Barnett P; et al: nuclear
magnetic resonance imaging of the vitreous
body, (Radiology), 153: 856, 1984
Gonzalez-Crussi F See Raffensperger JG
Gonzalez-Darder J See Barbera J
Gonzalez-Mendez R See Litt L
Gonzalez-Scarano F See Grossman RI

Gonzalez-Scarano F See Grossman RI Gooch WM III See Johnson JP

Good BC See Yonas H Good JT See Fowler AA Good RR See Kumar PP Good WF See Gur D Good WF See Yonas H

Goodacre R See Stevenson GW Goodenough DJ; Weaver KE; Costaridou H; et al: new software correction approach to volume averaging artifacts in CT, (Comput Radiol), 10: 87, 1986

offellow T; Holdstock GE; Brunton FJ; et al:

Goodfellow T; Holdstock GE; Brunton FJ; et al: fatal acute vasculitis after high-dose urography with iohexol, (Br J Radiol), 59: 620, 1986
Goodgold HM; Samuels LD: misleading findings on indium-111 leukocyte images, (Clin Nucl Med), 11: 392, 1986
Gooding CA See Brasch RC
Gooding CA See Lallemand D
Gooding CA See Schmidt HC
Gooding CA See Schmidt HC
Gooding CA See Stem DD
Gooding CA; Lallemand DP; Brasch RC; et al: magnetic resonance imaging in cystic fibrosis.

magnetic resonance imaging in cystic fibrosis, (Radiology), 155: 556, 1985 Gooding CA; Stimac GK; ingular vein obstruction caused by turning of the head, (AJR), 142: 403,

Gooding GAW See Baum S Gooding GAW See Baum S Gooding GAW See Effeney DJ Gooding GAW See Leung ML Gooding GAW See Linkowski GD Gooding GAW See Stark DD Gooding GAW See Williams MJ

Gooding GAW: varied sonographic manifestations of cystitis, (J Ultrasound Med), 5: 61, 1986

Gooding GAW: women in medicine: radiologist's perspective, (Invest Radiol), 21: 496, 1986 Gooding GAW; Berger MS; Linkowski GD; Dillon WP; Weinstein PR; Boggan JE: transducer frequency considerations in intraoperative US of the spine, (Radiology), 160: 272, 1986

Gooding GAW; Boggan JE; Powers SK; et al: neurosurgical sonography: intraoperative and postoperative imaging of the brain, (AJNR), 5: 521, 1984

oding GAW; Boggan JE; Weinstein PR: characterization of intracranial neoplasms by CT and intraoperative sonography, (AJNR), 5: 517,

oding GAW; Boggan JE; Weinstein PR: intraoperative sonography during lumbar laminectomy: work in progress, (AJNR), 5: 751,

Gooding GAW; Clark OH; Stark DD; Moss AA; Montgomery CK: parathyroid aspiration biopsy under ultrasound guidance in the postoperative hyperparathyroid patient, (Radiology), 155: 193, 1985

1985
Gooding GAW; Effeney DJ: sonography of axillofemoral and femorofemoral subcutaneous arterial bypass grafts, (AJR), 144: 1005, 1985
Gooding GAW; Hightower DR; Moore EH;
Dillon WP; Lipton MJ: obstruction of the superior vena cava or subclavian veins: sonographic diagnosis, (Radiology), 159: 663, 1986

Gooding GAW; Linkowski GD; Deveney C; et al: intraoperative sonography of perispl pseudocysts, (AJR), 145: 1013, 1985 ding GAW: Okerland MD: Stark DI

pseudocysts, (AJR), 145: 1013, 1985'
Gooding GAW; Okerlund MD; Stark DD;
Clark OH: parathyroid imaging: comparison of
double-tracer (Ti-201, Tc-99m) scintigraphy and
high-resolution US, (Radiology), 161: 57, 1986
Gooding GAW; Stess RM; Graf PM; et al:
sonography of the sole of the foot: evidence for
loss of foot pad thickness in diabetes and its
relationship to ulceration of the foot, (Invest
Radiol), 21: 45, 1986

Gooding GAW; Stress RM; Graf PM; et al: heel pad thickness: determination by high-resolution ultrasonography, (J Ultrasound Med), 4: 173, Goodman A; Harries-Jones EP; Lipinski JK: two

unusual causes of jaundice with similar ultrasound and CT findings, (JCAT), 8: 1110, Goodman I See Schaffer RM

Goodman J See Schatter RM Goodman JD See Yeh H-C Goodman JD See Grabb A Goodman JD See Yeh H-C Goodman JD; Norton KI; Carr L; et al: crossed fused

renal ectopia: sonographic diagnosis, (Urol Radiol), 8: 13, 1986

Goodman IH See Mason TO

Goodman JH See Mason TO
Goodman K, Atkins H, Waltzer W; Frischer Z;
Bohus R: renal bleeding: scintigraphic detection
in a canine model, (Radiology), 155: 797, 1985
Goodman LR See Glick SN
Goodman LR See Gurney JW
Goodman LR See Spizarny DL
Goodman LR See Steiner RM

Goodman LR See Thorsen MK Goodman LR See Wechsler RJ

Goodman LR See Wechsler KJ Goodman LR; Foley WD; Wilson CR; Rimm AA; Lawson TL: digital and conventional chest images. Observer performance with film digital radiography system, (Radiology), 158: 27, 1986 Goodman LR; Troup PJ: Thorsen MK; Youker JE: automatic implantable cardioverter-

defibrillator: radiographic appearance, (Radiology), 155: 571, 1985 Goodman ML See Granich MS

Goodman ML See Granich MS
Goodman MM See Knap FF Jr
Goodman PA See Bigelow R
Goodman PC See Helms CA
Goodman PC See Onik G
Goodman PC; Daley C; Minagi H: spontaneous
pneumothorax in AIDS patients with
Pneumocystis carinii pneumonia, (AJR), 147: 29, 1986

Goodman PC; Jeffrey RB Jr; Brant-Zawadzki M: Goodman PC; Jettrey KB Jr; Brant-Zawadzki M: digital subtraction angiography in extremity trauma, (Radiology), 153: 61, 1984 Goodman SB See Bell RS Goodman Z See Friedman AC

Goodman ZD See Roberts JL Goodman ZD See Ros PR

Goodsitt MM See Kushner DC Goodsitt MM; Abbate L; Hesselink JR: digital subtraction angiography systems: assessing performance with phantoms, (Radiology), 156: 811, 1985

Goodwin DA See Segall GM

Goodwin DA See Segall GM
Goodwin JA See Caplan LR
Goodyer P See Jequier S
Googe RE See Fitzsimmons JR
Goolden AWG See Blake PR
Goolden AWG; Golman JM; Kam KC; et al:
fractionation of whole body irradiation before
bone marrow transplantation for patients with
leukaemia, (Radiology), 151: 837, 1984
Goolden AWG; Kam KC; Fitzpatrick ML; et al:
oedema of the neck after ablation of the thyroid
with radioactive iodine, (Br J Radiol), 59: 583,
1986

Gooskens RH See Groenhout CM Gopinath PG See Padhy AK Gorcos T; David PR; Bonan R; et al: clinical

experience with ioxaglate (Hexabrix) in selective coronary arteriography, (Radiology), 157: 568, 1985

Gordillo I; Millan JM; Escudero L; et al: multiple intracranial hydatid cysts, (Neuroradiol), 28: 285, 1986 Gordon CJ See Shellock FG

Gordon DH See Glanz S Gordon DH See Sclafani SJA

Gordon DH See Sclatani SJA
Gordon DH: calf hematoma mimicking
thrombophlebitis. (Radiology), 157: 839, 1985
Gordon I See Mitchell CD
Gordon I See Sweeney LE
Gordon I; Vivian G: radiolabelled leucocytes: a new
diagnostic tool in occult
infection/inflammation, (Radiology), 153: 275,
1984 1984

Gordon IJ See Shuford WH Gordon IJ; Skoblar RS; Chicatelli PD; et al: comparison of iohexol and conray-60 in peripheral angiography. (AJR). 142: 563, 1984 Gordon JD; MacKeen AD; Marrie TJ; et al:

radiographic features of epidemic and sporadic Q-fever pneumonia, (Radiology), 156: 262, 1985

Gordon L See Macpherson RI Gordon L See Reinig JW Gordon L See Sanchez FW Gordon LP See Spirt BA Gordon MDH See Faulkner K Gordon PH See Rabinov K Gordon Pri See Rabinov K Gordon PS; Juillard GJF; Selch MT; Parker RG; Fu Y-S: orbital lymphomas and pseudolymphomas treatment with radiation therapy, (Radiology), 159: 797, 1986 Gordon R See Granot E Gordon RE; Mettler FA Jr; Wicks JD; et al: chest x-

Gordon RE; Mettler FA Jr; Wicks JD; et al: chest x-rays and full lung tomograms in gynecologic malignancy, (Radiology), 151: 544, 1984
Gordon 5J See Rifkin MD
Gore J See McCarthy S
Gore JC See McCarthy S
Gore JC See Pope CF
Gore JC; Brown MS; Mizumoto CT; et al: influence of glycogen on water proton relaxation times, (Magn Res Med.), 3: 463, 1986
Core JC, Penc CF; Servines JD; proposition to the

(Magn Res Med.), 3: 405, 1986 Gore JC; Pope CF; Sostman HD: errors in the assessment of the efficacy of MRI pulse sequences, (Magn Res Imag), 4: 251, 1986 Gore JC; Wilkens KL; Holcomb WG: low cost personal monitor for the detection of stray magnetic fields, (Magn Res Imag), 4: 73, 1986 Gore RM See Marn CS

Gore RM See Smith SI

Gore RM See Vogelzang RL
Gore RM; See Vogelzang RL
Gore RM; Marn CS; Kirby DF; et al: CT findings in
ulcerative, granulomatous, and indeterminate
colitis, (AJR). 143: 279, 1984
Gorey MT; Naidich TP; McLone DG: double

discontinuous lipomyelomeningocele: CT findings, (JCAT), 9: 584, 1985 Gorlin RJ See Leonard MS

Gorman CA See Forbes G Gorman CA See Guerin CK Gorman CA See Guern CK Gorman CA See Waldorf JC Goshima E See Yamakita N Gosink BB See Cubberley DA Gosink BB See Davis JA

Gosink BB See Davis JA
Gosink BB See Quinn SF
Gosink BB See Quinn SF
Gosink BB See Willson SA
Goske MJ See Benson JE
Goske MJ See Benson JE
Goske MJ see Katzberg RW
Goske MJ; Emmens RW; Rabinowitz R: inguinal
ovaries in children demonstrated by high
resolution real-time ultrasound, (Radiology),
151: 635, 1984
Goss TP See Kleinman PK
Goth M'-Szilaevi G', Irsy G; et al: hypoadrenia

Goss IP See Kleinman PK Goth M, Szilagyi G; Irsy G, et al: hypoadrenia following adrenal venography in Cushing's disease, (Radiology), 153: 271, 1986
Gothlin J: atlas of pathological computer tomography, volume 3: computer tomography of neck, chest, spine, and limbs, (Radiology), 154: 167–1985 154: 162, 1985

Gothin J. basic principles of computed tomography, (Radiology). 151: 144, 1984 Gothin J. computed tomography of the retroperitoneum: an anatomical and pathological atlas with emphasis on the fascial planes. (Radiology), 154: 468, 1985 Cabblia E. Language, proceedings and paradicing

Gothlin J: kernspin-tomographie in der medizin, (Radiology), 152: 112, 1984 Goto H See Muramatsu Y

Goto H See Takayasu K Goto K See Takahashi S

Goto N See Ohnishi K Goto S; Ikeda K; Ishii E; et al: carcinoma of the nach in a 7-year-old-boy, (Radiology), 155:

Goto Y See Onodera H

Goto Y See Onodera H
Gottdiener JS: Gay JA; Van Voorhees L; et al:
frequency and embolic potential of let
ventricular thrombus in dilated
cardiomyopathy: assessment by 2-dimensional
echocardiography, (Radiology), 152: 863, 1984
Gottesman JE; Crawford ED; Grossman HB; et al:
infarction\_nephrectomy for metastatic ronal

Gottesman Je; v. rawford ED; Grossman Hi; et al infarction-nephrectomy for metastatic renal carcinoma, (Radiology), 156: 564, 1985 Gottschalk A See Alderson PO Gottschalk A See Brown MI. Gottschalk A See Muhlberger G

Gottschalk A See Sostman HD Gottschalk A See Zoghbi SS Gottschalk F See Hertzanu Y

Gould LV See Clutter DI

Gottschalk SC; Salem D; Lim CB; et al: SPECT

Gousehalk SC, Salem 17, Lim Cb, et al. SPEC. resolution and uniformity improvement by noncircular orbit. (Radiology), 152: 871, 1984.
Goudie E See Van Dongen LGR
Gould DA: coaxial introduction of a 0.35-inch (0.9-mm) guide wire after 22-gauge needle placement. (AJR), 144: 134, 1985.

Gould H See Ottery FD Gould HR See Gass MA Gould HR See Peters ME Gould KL; Sorenson SG; Albro P; et al: thallium-201 myocardial imaging during coronary vasodilation induced by oral dipyridamole, (J Nucl Med), 27: 31, 1986

Gould R See Kelly WM Gould R; Rosenfield AT; Friedlaender GE: loose body within the glenohumeral joint in recurrent anterior dislocation: CT demonstration, (JCAT), 9: 404, 1985

Gould RG See Norman D
Gould RG See Norman D
Gould RJ; Crampton AR; Schwartz D; et al: massive hemorrhage into a periappendiceal abscess: case report, (Cardiovasc Intervent Radiol), 9: 25, 1986
Gould VE See Chejfec G

Gould VE See Chepter G Goulding R See Chandler JR Gouliamos A See Kalovidouris A Gouise JC See Andriole J Gouse JC See Black WC Gouse JC See Paling MR Govindan R See Ganapathy K Govoni PL See Gatley SJ Gowdy RA See Puthawala AA

Gowen GF: endoscopic retrograde cholangiopancreatography in the diagnosis cystic duct syndrome, (Radiology), 155: 850,

Goy AMC; Pinto RS; Raghavendra BN; Epstein FJ; Kricheff II: intramedullary spinal cord tumors: MR imaging, with emphasis on associated cysts, (Radiology), 161: 381, 1986 Goya T See Ueda T

Goya T See Ueda T
Grabb A; Carr L; Goodman JD; et al: hepatic
endometrioma, (JCU), 14: 478, 1986
Grabbe E; Winkler R: local recurrence after
sphincter-saving resection for rectal and
rectosigmoid carcinoma: value of various
diagnostic methods, (Radiology), 155: 305, 1985

Grably D See Mathieu D Grace DM See Vezina WC Grace MGA See Miller JDR Grace ND See Einhorn RI

Grace ND See Einhorn RI
Grady CL See Grimes AM
Graeb DA See Lapointe JS
Graeb DA See Reed D
Graeb DA; Robertson WD; Lapointe JS; et al:
avoiding intraarterial balloon detachment in the
treatment of posttraumatic carotid-cavernous
fistulae with detachable balloons, (AJNR), 6: 602, 1985

Graef JW See Blickman JG Graf PM See Gooding GAW Graff J See Schulze H Graff J-H See Kirschberger R

Graff J-H See Kirschberger R
Graffman S See Glimelius B
Graff-Radford NR See Biller J
Graff-Radford NR, Eslinger PJ; Damasio AR; et al:
nonhemorrhagic infarction of the thalamus:
behavioral, anatomic, and physiologic
correlates, (Radiology), 153: 277, 1984
Graham AR See Stanisic TH
Graham AR See Stanisic TH
Graham AR See Stanisic TH
Graham D See Blum E
Graham D See Blum E
Graham D See Blum E
Graham D See Sanders R
Graham D See Sanders R
Graham D: principles of real-time sonography in
modern obstetrics. a handbook for the
practicing physician, (Radiology), 154: 426, 1985
Graham D; Sanders RC: ultrasound-directed
transvaginal aspiration biopsy of pelvic masses,

Granam D; Sanders RC: utrasound-directed transvaginal aspiration biopsy of pelvic masses, (Radiology), 150: 299, 1984

Graham Di; Macpherson P; Pitts LH: correlation between angiographic vasospasm, hematoma, and ischemic brain damage following SAH, (Radiology), 151: 550, 1984

(Kadiology), 151: 550, 1984
Graham L. Jr., Gumbiner CH: right atrial thrombus
and superior vena cava syndrome in a child,
(Radiology), 154: 274, 1985
Graham LS See Cohen MB
Graham LS See LaFontaine RL
Graham LS LaFontaine RL

Graham LS; LaFontaine RL; Stein MA: effects of asymmetric photopeak windows on flood field uniformity and spatial resolution of scintillation cameras, () Nucl Med), 27: 706, 1986

Graham M: congenital short femur: prenatal sonographic diagnosis, (J Ultrasound Med), 4: 361, 1985

301, 1985
Graham MC See Myers WG
Graham MD See Brookes GB
Graham MD See Kartush JM
Graham MD See Latack JT
Graham MD See Vernick DM
Graham MD; Kemink JI; Latack JT; et al: giant
cholesterol cvst of the petrous appreciation

cholesterol cyst of the petrous apex: distinct chinical entity, (Radiology), 161: 862, 1986 Graham MF See Li DKB Graham MF See Subin D Graham MF See Simons ME Graham MM See Lewellen TK

Graham N; Manhire AR; Stead RJ; et al: cystic fibrosis: ultrasonographic findings in the pancreas and hepatobiliary system correlated with clinical data and pathology, (Radiology),

with clinical data and pathology, (Radiology 156: 57), 1985 Graif M See Carr DH Graif M See Curati WL Graif M; Bydder GM; Steiner RE; et al: contrast-enhanced MR imaging of malignant brain tumors, (AJNR), 6: 855, 1985

Graif M; Horovitz A; Itzchak Y; Strauss S: hyperechoic foci in the gallbladder wall as a sign of microabscess formation or diverticula, (Radiology), 152: 781, 1984 Graif M; Itzchak Y; Avigad I; et al: pylorus in infancy: overall sonographic assessment, (Radiology), 152: 850, 1984

Graif M; Pennock JM: MR imaging of histocytosis X in the central nervous system, (AJNR), 7: 21, 1986

Graif M; Shalev J; Strauss S; et al: torsion of the ovary: sonographic features, (AJR), 143: 1331, 1984

Graif M; Shohet I; Strauss S; et al: hemolytic uremic syndrome: sonographic—clinical correlation, (J Ultrasound Med), 3: 563, 1984

Grainger RG: optimal concentration of contrast medium for aortography and femoral arteriography: comparison of Hexabrix 320 and Hexabrix 250, (Clin Radiol), 37: 281, 1986

Grainger RG: pulmonary circulation: radiology of adaptation, (Radiology), 156: 561, 1985 Gramiak R; Holen J; Moss AJ; Gutterrez OH; Picone AL; Roe SA: left coronary arterial blood flow: noninvasive detection by Doppler US, (Radiology), 159: 657, 1986 Gramm HF See Kelvin FM

Granato JE See Dee P Grandinetti F See Bock E Grandone CH; Haller JO; Berdon WE; Friedman AP: asymmetric horseshoe kidney in the infant: value of renal nuclear scanning, (Radiology), 154: 366, 1985 Graney DO See Schwartz AN

Grangier ME Ser Padovani J
Grangier ME. See Padovani J
Granich MS; Pilch BZ; Goodman ML: meningiomas
presenting in the paranasal sinuses and
temporal bone, (Radiology), 151: 553, 1984
Granich MS; Pilch BZ; Nadol JB; et al: fetal
rhabdomyom of the larynx, (Radiology), 152:
859, 1984

859, 1984
Grannum P See Moya F
Grannt E; Deckelbaum RI; Gordon R; et al:
duplication of the galibladder associated with
childhood obstructive biliary disease and biliary
cirrhosis, (Radiology), 153: 566, 1984
Granstrom P: CT visualization of thrombus in
cerebral artery, (JCAT), 10: 541, 1986

Grant CS See Edmonson GR Grant DC See Balcar I

Grant DC See Cayea PD
Grant DC; Dee GJ; Yoder IC; et al: sonography in
transitional cell carcinoma of the renal pelvis,
(Urol Radiol), 8: 1, 1986

(Urot Radiol), 8: 1, 1986
Grant DS; Bartram CI; Heron CW; preliminary study of the possible benefits of using carbon dioxide insufflation during double-contrast barium enema, (Br J Radiol), 59: 190, 1986
Grant EG See Blei CL

Grant EG See Dritschilo A Grant EG See Jacobs NM Grant EG See Kelly DR

Grant EG See Netanyahu I Grant EG See Netanyahu I Grant EG: duplex ultrasonography: its expanding role in noninvasive vascular diagnosis, (Radiol Clin North Am), 23: 563, 1985

Clin North Am), 23: 563, 1985
Grant EG; Schellinger D: sonography of neonatal periventricular leukomalacia: recent experience with a 7: 54thz scanner, (AJNR), 6: 781, 1985
Grant EG; Schellinger D; Grosso MA; et al: intracranial hemorrhage in neonates with erythroblastosis fetalis: sonographic and CT findings, (AJNR), 5: 259, 1984

findings, (A)NR), 5: 259, 1984

Grant EG; Schellinger D; Richardson JD: real-time ultrasonography of the posterior fossa, (Radiology), 150: 289, 1984

Grant EG; Schellinger D; Smith Y; et al: periventricular leukomalacia in combination with intraventricular hemorrhage: sonographic features and sequelae, (A)NR), 7: 443, 1986

Grant EG; Williams AL; Schellinger D; Slovis TL: intracranial calcification in the infant and meonate: evaluation by sonography and CT, (Radiology), 157: 63, 1985

Grant TH See Brandt TD

Grantham IG See Emory TH

Grantham JG See Emory TH
Grantham JG; Charboneau JW; James EM;
Kirschling RJ; Kvols LK; Segura JW; Wold LE:
testicular neoplasms studied by high-resolution
US, (Radiology), 157: 775, 1985
Grantham JJ See Levine E
Grantham JJ See Levine E

Grantham JR; willner MR; Kaude JV; Finlayson B; Hunter PT II; Newman RC: renal stone disease treated with extracropreal shock wave lithotripsy: short-term observations in 100 patients, (Radiology), 158: 203, 1986 Graor RA

Graor RA See Risius B Graor RA; Risius B; Young JR; Geisinger MA; Zelch MG; Smith JAM; Ruschhaupt WF: low dose streptokinase for selective thrombolysis: systemic effects and complications, (Radiology),

Gras JL See Burch WM Grassi CJ; Lee RGL; Hill TC; et al: technetium-99m sulfur colloid imaging of vascular thrombosis in pancreaticosplenic transplant, (Clin Nucl Med), 11: 558, 1986

11: 558, 1986
Grassi R See Rotondo A
Grassley D See Rabinovitch MA
Grates HE See Valeriote F
Gratz KF See Tietze P
Graudal H See Jurik AG
Gravelle IH See Chaudary MA
Gravelle IH; Bulstrode JC; Bulbrook RD; et al:
prospective study of mammographic
parenchymal patterns and risk of breast cancer,
(Br J Radiol), 59: 487, 1986
Graves V See Bolender NF

(Br J Radiol), 59: 487, 1986
Graves V See Bolender NF
Graves VB; Finney HL; Mailander J: intradural
lumbar disk herniation, (AJNR), 7: 495, 1986
Gray AJ: treatment of advanced head and neck
cancer with accelerated fractionation, (Int J
Radiat Oncol Biol Phys), 12: 9, 1986
Gray HW See Fogelman I
Gray HW See Meek DR
Gray IF See Hown RI

Gray JE See Ehman RL Gray JE See Plunkett MB

Gray JE See Ragozzino MW
Gray JE See Ragozzino MW
Gray JE See Stears JG
Gray JE; Lisk KG; Haddick DH; Harshbarger JH;
Oosterhof A; Schwenker R: test pattern for
video displays and hard-copy cameras,
(Radiology), 154: 519, 1985
Gray JE; Stears JG; Lopez F; Wondrow MA:
fluoroscopic imaging: quantitation of image lag
or smearing, (Radiology), 150: 563, 1984
Gray JG See McLaughlin SJ
Gray JM See Lee F
Gray LA See Beltran J
Grav R: Beez CB: Greenes RA: construction of

Gray I. Begg CB; Greenes RA: construction of receiver operating characteristic curves when disease verification is subject to selection bias, (Radiology), 155: 864, 1985 Gray RR See Ho CS

Gray RR See Ho CS
Gray RR See St. Louis EL
Gray RR; St. Louis EL; Grosman H: failure in
placement of trocar-mounted catheters, (J Canad
Assoc Radiol), 37: 102, 1986
Graydon RJ See Conant JK
Grayhack JT See Schaeffer AJ
Graziani L; Bearzi I; Romagnoli A; et al:
significance of diffuse granularity and
nodularity of the esophageal mucosa at doublecontrast radiography, (Radiology), 156: 855,
1985

Graziani LJ; Pasto M; Stanley C; et al: cranial ultrasound and clinical studies in preterm infants, (Radiology), 156: 857, 1985
Greaves F-W; Nguyen KT; Sauerbrei EE: retrohepatic gallbladder diagnosed by sonography and scintigraphy, (Radiology), 152: 865, 1984

Greber H See Alberti W Grecescu M See Hessler C Greco MA See Hulnick DH

Greco MA See Hulnick DH
Greco RJ; Steiner RM; Goldman S; et al:
bronchoalveolar cell carcinoma of the lung,
(Radiology), 161: 859, 1986
Grecos GP See Savolaine ER
Green BA See Beerman R
Green BA See Montalvo BM
Green BA See Post MJD
Green BA See Ouncer RM
Green CF: Goldstein HA: atrial

Green CE; Gottdiener JS; Goldstein HA: atrial septal defect, (Semin Roentgenol), 20: 214, 1985 Green D; Carroll BA: ultrasonography in the jaundiced infant: new approach, (J Ultrasound Med), 5: 323, 1986

Green D; Carroll BA: ultrasonography in the jaundiced infant: new approach, (J Ultrasound Med), 5: 323, 1986
Green DJ See Wilson DJ
Green GS See Gates GF
Green DJ: compensating collimator for digital subtraction angiography, (AJR), 143: 899, 1984
Green MS See Crawford ES
Green N; Bodner H; Broth E: prostate cancer: experience with definitive irradiation in the aged, (Radiology), 156: 864, 1985
Green N; Broth E; George FW; et al: radiation therapy in bulky seminoma, (Radiology), 150: 871, 1984
Green N; Goldberg H; Goldman H; et al: severe rectal injury following radiation for prostatic cancer, (Radiology), 153: 862, 1984
Green PH See Gold RP
Green RP See Surkin MI
Green SP See Norman A
Green WR See De Juan EE
Green WR See Newsome DA
Greenbaum El See Damuth HD Jr
Greenbaum El See Damuth HD Jr
Greenbaum R See Lee WJ
Greenberg M See Greenberg M
Greenberg M See Greenberg M
Greenberg M See Greenberg M
Greenberg M See Smith SJ
Greenberg M; Moawad AH; Wieties BM;
Goldberg LJ; Kaplan EI; Greenberg B;
Lindheimer MD: extraadrenal
pheochromocytoma: detection during pregnancy using MR imaging, (Radiology), 161: 475, 1986

Greenberg SB; Park CH; Intenzo C: dynamic or early imaging in dual-tracer parathyroid scintigraphy, (Clin Nucl Med), 11: 627, 1986

Greenberger NJ: diagnostic approach to the patient with chronic pancreatic disease and suspected pancreatic carcinoma, (Radiology), 152: 840, 1984

Greenberger PA See Patterson R Greenblatt AM; Beretsky I; Lankin DH; et al: in utero diagnosis of crossed renal ectopia using high-resolution real-time ultrasound, (J Ultrasound Med), 4: 105, 1985

Greene AI See Sherman IL Greene AS See Nadel SN

Greene D See Oliver TW Jr Greene D See Pointon RS

Greene D: cost of radiotherapy treatments on a linear accelerator, (Radiology), 151: 837, 1984 Greene D; Chu G-L; Thomas DW: dose levels outside radiotherapy beams, (Radiology), 152:

871, 1984 Greene ER See Eldridge MW Greene GS See Maurer AH

Greene GS; Maurer AH: solitary vertebral body uptake on bone scintigraphy: "black ivory" vertebrae sign, (Semin Nucl Med), 15: 317, 1985

Greene HL See Ghishan FK Greene KM; Brantly PN; Thompson WR: adenocarcinoma metastatic to the adrenal gland simulating myelolipoma: CT evaluation, (JCAT), 9: 820, 1985

Greene MF See Benacerraf BR
Greene MF; Benacerraf BR; Crawford JM:
hydranencephaly: US appearance during in
utero evolution, (Radiology), 156: 779, 1985

Greene R; Boggis C; Jantsch H: asbestos-related pleural thickening: effect of threshold criteria on interpretation, (Radiology), 152: 569, 1984

Greene R; Miller SW: cross-sectional imaging of silent pulmonary venous anomalies, (Radiology), 159: 279, 1986

Greene R; Szyfelbein WM; Isler RJ; et al: supplementary tissue-core histology from fine-needle transthoracic aspiration biopsy, (AJR), 144: 787, 1985 Greene RE See Stark P

Greene TL See Braunstein EM

Greene TL; Hensinger RN; Hunter LY: back pain and vertebral changes simulating Scheuermann's disease, (Radiology), 156: 859, 1985

Greene WB See Phillips HO Greenebaum E See Kutcher R Greenes RA See Cain KC Greenes RA See Doubilet PM Greenes RA See Gray R Greenes RA See McNeil BJ

Greenes RA: computer-aided diagnostic strategy selection, (Radiol Clin North Am), 24: 105, 1986

selection, (Radiol Clin North Am), 24: 105, 198
Greenes RA; Begg CB; Cain KC; et al: patientoriented performance measures of diagnostic
tests. 2. assignment potential and assignment
strength, (Radiology), 152: 845, 1984
Greenes RA; Cain KC; Begg CB: patient-oriented
performance measures of diagnostic tests. 1.
tools for prospective evaluation of test order
decisions, (Radiology), 152: 845, 1984

Greenfield LJ See Messmer JM

Greenfield LJ See Norris CS Greenfield MA See Shukla SS Greenfield S See Hubbell FA Greening WP See Brown AP Greenleaf JF See Schreiman JS Greenleaf JF: graphical description of scattering, (Ultrasound Med Biol), 12: 603, 1986

Greenspan A See Baker ND

Greenspan A See Schultz E Greenspan A; Norman A; Rosen H: radial head-capitellum view in elbow trauma: clinical application and radiographic-anatomic correlation, (AJR), 143: 355, 1984

Greenspan A; Steiner G; Sotelo D; et al: mixed sclerosing bone dysplasia coexisting with dysplasia epiphysealis hemimelica (Trevor-Fairbank disease), (Skeletal Radiol), 15: 452,

Greenspan B See Gersten K Greenspan BS See Miller JH Greenstein AJ See Sachar DB

Greenstein S; Fishman EK; Kaufman SL; et al: Castleman disease of the retroperitoneum: demonstration, (JCAT), 10: 547, 1986

Greenstein S; Jones B; Fishman EK; et al: small-bowel diverticulitis: CT findings, (AJR), 147: 271, 1986

Greenwald LV See Fajman WA Greenway GD See Ramos A Greenwood LH See Yrizarry JM

Greenwood LH; Hallett JW Jr; Yrizarry JM; et al: diffuse arterial narrowing after thromboembolectomy with the Fogarty balloon catheter, (AJR), 142: 141, 1984 Greenwood LH; Yrizarry JM; Brown SB: observations on the use of the Cope introduction set, (AJR), 144: 257, 1985

Greenwood LH; Yrizarry JM; Hallett JW Jr: popliteal artery entrapment: importance of the stress runoff for diagnosis, (Cardiovasc Intervent Radiol), 9: 93, 1986

Greer K See Osborne DR Greer Ts oec Osoorne DR Greer Ts pocket atlas of normal ultrasound anatomy, (Radiology), 160: 48, 1986 Greeson T See James AE Jr Gregg JA See Lee RGL Gregg RE See Fink IJ

Gregg RE See Fink IJ
Gregoire P; See Chalaoui J;
Boldue P; et al: patient for
diagnosis: chronic and fluctuating pneumonia,
(Radiology), 151: 257, 1984
Gregorios JB See Post MJD
Gregory RE See Taylor A Jr
Gregory PB See Sommer FG
Gregson R See Jaspan T
Greif WL See Gale ME
Greif WL See Laufer PB

Greif WL See Gale ME
Greif WL See Lauffer RB
Greif WL; Buxton RB; Lauffer RB; Saini S;
Stark DD; Wedeen VJ; Rosen BR; Brady TJ:
pulse sequence optimization for MR imaging
using a paramagnetic hepatobiliary contrast
agent. (Radiology). 157: 461, 1985
Greiner JV; Lass JH; Glonek T: ex vivo metabolic
analysis of eye bank corneas using phosphorus
nuclear magnetic resonance, (Radiology). 155:
282, 1985

282, 1985
Greiner I; Ulatowski L; Prohm P: sonographically guided and surgical alcohol injection of the coeliacal ganglion for intractable upper abdominal pain through malignomas, (Radiology), 150: 298, 1984
Greiner R See Goldhirsch A
Greisen O See Halle VH

Greisen O See Halle VII
Greitz T See Bergstrom M
Grenadier E; Alpan G; Keidar S; et al: prevalence of
ruptured chordae tendinae in the mitral valve
prolapse syndrome, (Radiology), 150: 615, 1984
Grenadier E; Keidar S; Palant A: contrast

echocardiographic right-to-left flow in left ventricular-to-right atrial shunt, (Radiology), 152: 265, 1984

152: 265, 1984
Grenadier E; Schuger C; Palant A; et al:
echocardiographic diagnosis of mitral
obstruction in bacterial endocarditis,
(Radiology), 152: 263, 1984
Grenier P See Le Bihan D
Grenier P See Mathieu D
Grenier P See Matheu D
Grenier P See Muset D:
Grenier P See Muset D:

Grenier P. Maurice F; Musset D; Menu Y; Nahum H: bronchiectasis: assessment by thin-section CT, (Radiology), 161: 95, 1986 Grenier RP See Dymond DS Grenier RP See Gal R

Grenier RY See Call K
Greyson ND See Noyek AM
Greyson-Fleg RT; Jones B; Fishman EK; et al:
computed tomography findings in
gastrointestinal involvement by opportunistic
organisms in acquired immune deficiency
syndrome. (CT), 10: 175, 1986

Gribbin M See Chan HSL.
Gribbin M See Chan HSL.
Grieco MH; Chinoy-Acharya P: lymphocytic interstitial pneumonia associated with the acquired immune deficiency syndrome, (Radiology), 157: 563, 1985

Griend RV; Tomasin J; Ward EF: open reduction and internal fixation of humeral shaft fractures: results using AO plating techniques, (Radiology), 160: 859, 1986 Grierson JR See Adam MJ

Griffen WO See Fried AM Griffen WO See Stelling CB Griffin BA See Haynor DR Griffin BR See Shuman WP

oriffin BR; Shuman WP; Luk KH; et al: LOCATE: an application of computed tomography in radiation therapy treatment planning with emphasis on tumor localization, (Radiology), 154: 287, 1985.

Griffin BW See Shuman WP Griffin DJ See Cho KJ

Griffin DJ, Oke EJ; Cho KJ; et al: chemical ablation of the canine kidney using sodium tetradecyl sulfate (Sotradecol): histopathologic study, (Invest Radiol), 21: 217, 1986

(Invest Radiol), 21: 217, 1986 Griffin GK See Paling MR Griffin JF; Colclough A; Twentyman O; et al: chordoid sarcoma complicating Paget's disease of bone: a case report and review of the literature, (Radiology), 155: 851, 1985

Griffin JF; Short CD; Lawler W; et al: diagnosis of disease in renal allografts: correlation between ultrasound and histology, (Clin Radiol), 37: 59,

Griffith J See Osbakken MD Griffith M See Wessels BW Griffith RC See Rholl KS Griffith RC See Stokes SH Griffiths C See LeLiever WC Griffiths GJ See Peeling WB

Griffiths HJ See DeLibero BB Griffiths HJ See Katz JK Griffiths HJ See Lovelock JE

Griffiths HJ: angiographic anatomy of the anterior inferior cerebellar artery, (Radiology), 158: 706,

Griffiths HJ: atlas of foot radiology, (Radiology), 154: 54, 1985

Griffiths HJ: atlas of osteoarthritis, (Radiology), 157:

Griffiths HJ: bone marrow disorders: biological basis of clinical problems, (Radiology), 160: 142, 1986

Griffiths HJ: Brigham and Women's Hospital handbook of diagnostic imaging, (Radiology), 161: 400, 1986

Griffiths HJ: cancer statistics, (Radiology), 152: 530,

Griffiths HJ: cancer treatment symposia, vol. 1. the interdisciplinary program for radiation oncology research, (Radiology), 154: 624, 1985 Griffiths HJ: cancer treatment symposia. vol. 3,

Griffiths HJ: cancer treatment symposia. vol. 3, (Radiology). 161: 610, 1986
Griffiths HJ: carbon-14 in the environment. report 81, (Radiology). 158: 162, 1986
Griffiths HJ: clinical foot radiology. 2d ed., (Radiology). 154: 54, 1985
Griffiths HJ: clinical radiology. 4th ed., (Radiology), 151: 300, 1984

Griffiths HJ: criteria and methods for quality assurance in medical x-ray diagnosis, (Radiology), 158: 818, 1986 Griffiths HJ: CT densitometry in osteoporosis, (Radiology), 155: 698, 1985

Griffiths HJ: current radiology, (Radiographics), 4: 1014, 1984

Griffiths HJ: environmental pathology, (Radiology), 157: 478, 1985

Griffiths HJ: gallbladder and biliary system. guide to diagnostic imaging. volume 2, (Radiology), 151: 314, 1984

Griffiths H; general concepts for the dosimetry of internally deposited radionuclides. report no. 84, (Radiology), 160: 254, 1986
Griffiths H; health effects of low-level radiation, (Radiology), 153: 826, 1984

Griffiths HJ: liver and spleen. guide to diagnostic imaging. volume 1, (Radiology), 151: 314, 1984

Griffiths HJ: management of pituitary disease (Radiology), 157: 328, 1985

(Radiology), 157; 328, 1985

Griffiths HJ: manual of clinical magnetic resonance imaging, (Radiology), 160: 226, 1986

Griffiths HJ: microdosimetry. ICRU report no. 36 (bk rev), (Radiology), 154: 528, 1985

Griffiths HJ: musculoskeletal magnetic resonance imaging, (Radiology), 160: 160, 1986

Griffiths HJ: nuclear magnetic resonance and correlative imaging modalities, (Radiology), 152: 478, 1984

152: 478, 1984
Griffiths HJ: nuclear magnetic resonance and its clinical applications, (Radiology), 156: 116, 1985
Griffiths HJ: pancreas, guide to diagnostic imaging, volume 3, (Radiology), 151: 314, 1984
Griffiths HJ: protection of the patient in radiation therapy, (Radiology), 159: 678, 1986
Griffiths HJ: radiodiagnosis of the skull, (Radiology), 158: 199, 1986
Griffiths HJ: radiology of the foot, (Radiology), 154: 54, 1985

Griffiths HJ: rational approach to radiodiagnost investigations. no. 689 in the World Health Organization technical report series, (Radiology), 152: 44, 1984

Griffiths HJ: sectional human anatomy, (Radiology), 160: 294, 1986

Griffiths HJ: SI units in radiation protection and measurements. report no. 82, (Radiology), 159: 678, 1986

Griffiths HJ: some issues important in developing

basic radiation protection recommendations. report no. 6. (Radiology), 160: 98, 1986 Griffiths HJ: tumors and pseudotumors of the serous membranes. 2d ser., fasc. 20, (Radiology), 159: 354, 1986

Griffiths HJ: tumors of the urinary bladder (supplement), 2d ser., fasc. 11, (Radiology), 159: (supplem

442., 1986
Griffiths HJ: utilization of diagnostic x-ray examinations, (Radiology), 152: 56, 1984
Griffiths HJ; Lovelock JE; Evarts CM; et al:

radiology of total hip replacement, (Radiology), 154: 848, 1985 Griffiths HJ; Standerstkjold-Nordenstam C-G; Burke J; et al: computed tomography in the management of acetabular fractures, (Radiology), 154: 567, 1985

Griffiths HJ; Sundaram M: pyoderma gangrenosum and erosive peripheral arthritis, (J Canad Assoc Radiol), 37: 125, 1986

Griffiths HJ; Utz R; Burke J; et al: adhesive capsulitis of the hip and ankle, (AJR), 144: 101, 1985

Griffiths MH See Bradford R Griffiths SE See Pearcey RG

Griffiths SE; Pearcey RG: daily reproducibility of large, complex-shaped radiotherapy fields to the thorax and neck, (Clin Radiol), 37: 39, 1986

Grigas D See Rose RM Griggs RC See Kurlan R Grignon A See Filion R Grignon A See Nicolet V

Grignon A See Patriquin HB Grignon A See Yazbeck S

Grignon A See Yazbeck S Grignon A; Filiatrault D; Homsy Y; Robitaille P; Filion R; Boutin H; Leblond R: ureteropelvic junction stenosis: antenatal ultrasonographic diagnosis; postnatal investigation, and follow-up, (Radiology), 160: 649, 1986 Grignon A. Elliatrault P. B. Belliatrault P.

up, (natiology), 100: 649, 1986 Grignon A; Filiatrault D; Patriquin H; et al: echographie de la stenose du pylore, (Radiology), 155: 551, 1985

Grignon A; Filion R; Filiatrault D; Robitaille P; Homsy Y; Boutin H; Leblond R: urinary traci dilatation in utero: classification and clinical applications, (Radiology), 160: 645, 1986 Grilias D See Passas V

Grillo HC See Shepard J-AO

Grillo HC See Shepard J-AO
Grimbergen HAA See Doornbos J
Grime JS See Sagar S
Grime R See Mathur-De Vre R
Grimes AM; Grady CL; Foster NL; et al: central
auditory function in Alzheimer's disease,
(Radiology), 158: 572. 1986
Grimmond AP; Spencer RP: hepatic mass:
functioning metastatic thymoma 22 years after
radiation therapy, (Clin Nucl Med), 11: 570,
1986

1986
Grimson B5; Perry DD: enlargement of the optic disk in childhood optic nerve tumors, (Radiology), 155: 276, 1985
Grimson B5; Simons KB: orbital inflammation, myositis, and systemic lupus erythematosus, (Radiology), 150: 863, 1984
Griscom NT See Poor MA

Griscom NT See Sussman SK Griscom NT; Wohl MEB: dimensions of the growing trachea related to age and gender, (AJR), 146: 233, 1986

Griska LAB See Faerber EN Griska LB See Popky GL Grisolano JM See Mafee MF

Grisoli F; Vencentelli F; Fuchs S; et al: surgical treatment of tentorial arteriovenous malformations draining into the subarachnoid space. report of four cases, (Radiology), 154: 279, 1985

Grist TM See Jesmanowicz A Grist TM See Kneeland JB

Orist TM; Jesmanowicz A; Froncisz W; et al: 1.5 T in vivo <sup>31</sup>P NMR spectroscopy of the human liver using a sectorial resonator, (Magn Res Med), 3: 135, 1986

Grizzard JD See Resnik CS Grodd W See Revel D Grodinsky C See Watt AC

Groenhout CM; Gooskens RH; Veiga-Pires JA; et al: value of sagittal sonography and direct sagittal CT of the Dandy-Walker syndrome, (AJNR), 5: 476, 1984

Groff TR See Creasy JL Grogan JP See Daniels DL

Grogan JP See Hammeke TA
Grogan JP; Daniels DL; Williams AL;
Rauschning W; Haughton VM: normal conus
medularis: CT criteria for recognition,
(Radiology), 151: 661, 1984 Groh WJ See Dodds WJ

Groli C; Zucca S; Cesaretti A: congenital chloridorrhea: antenatal ultrasonographic appearance, (JCU), 14: 293, 1986

Grollman JH Jr: cardiac radiology in Southern California: is there a future for cardiac radiologists?, (AJR), 144: 1083, 1985 Grollman JH Jr; Marcus R: antegrade translumbar aortography, (Radiology), 153: 249, 1984

Gronnerod TA; Eldevik OP; Hindmarsh T; et al: documentation of a new contrast medium for the subarachnoid space: demands, design and results from the first multicentre trial with ioheol. (Radiology). 152: 856, 1984 Gronow MJ See Ch. de Crespigny L

Gronvall S See Juul J Grose R See Rosoff M Grosfeld JL See Cohen MD Groshar D See Front D

Groshar D; Israel O; Barzilai A; et al: value of scintigraphy in the evaluation of a wandering spleen, (Clin Nucl Med), 11: 42, 1986

Grosman H See Gray RR Grosman H See St. Louis EL Gross BH See Aisen AM Gross BH See Brady TM Gross BH See Glazer GM

Gross BH See Harter LP Gross BH See Hatfield MK Gross BH See Heavey LR

Gross BH See McMillin KI Gross BH See Quint LE Gross BH See Rebner M

Gross BH; Agha FF; Glazer GM; Orringer MB: gastric interposition following transhiatal esophagectomy: CT evaluation, (Radiology), 155: 177, 1985

155: 177, 1985
Gross BH; Callen PW; Filly RA: relationship of fetal transverse body diameter and biparietal diameter in the diagnosis of intrauterine growth retardation, (Radiology), 150: 869, 1984
Gross BH; Chinn DH; Callen PW; et al: real-time vs. static scanning in the diagnosis of abdominal and pelvic abscesses, (Radiology), 151: 833, 1984

Gross BH; Felson B; Birnberg FA: respiratory tract in amyloidosis and the plasma cell dyscrasias, (Semin Roentgenol), 21: 113, 1986

forss BH; Glazer GM; Bookstein FL; multiple pulmonary nodules detected by computed tomography: diagnostic implications, (JCAT), 9: 880, 1985

Gross BH; Glazer GM; Wimbish KJ: CT of solitary cavitary infiltrates, (Semin Roentgenol), 19: 236, 1984

Gross BH; Silver TM; Jaffe MH: sonographic features of uterine leiomyomas: analysis of 41 proven cases, (Radiology), 152: 865, 1984
Gross C; Gross M; Kuschner S: error analysis of

scoliosis curvature measurement, (Radiology), 152: 843, 1984

Gross DR See Williams AR

Gross DR, Williams AK Gross DR, Williams AR, Wagner-Mann C; et al: thermal and heart rate response to ultrasonic exposure in the second and third trimester dog fetus. (J Ultrasound Med.), 5: 507, 1986

Gross G See Lacomis D Gross GW; Thornburg AJ; Bellinger MF: normal renal growth in children with myelodysplasia, (AJR), 146: 615, 1986

Gross M See Gross C Gross MD See Freitas JE Gross MD See Glazer GM Gross MD See Lynn MD Gross MD See Mountz JM

Gross MD See Samuels BI Gross RC See Villarica I

Gross RC: quick aortic turn, (Radiology), 157: 264, 1985

Gross RC; McGahan JP: sonographic detection of partial uterine inversion, (AJR), 144: 761, 1985 Gross RE See Suleiman OH

Gross S See Wiener JI **Gross SA See Keating EC** 

Gross SC; Kowalski JB; Lee S-HH; Terry B; Honickman SJ: surgical ligation clip artifacts on CT scans, (Radiology), 156: 831, 1985

Gross TL See Kazzi GM Grossbard EB See Risius B Grossman H See Bousvaros A

Grossman H; Merten DF; Spock A; et al: radiographic features of sarcoidosis in pediatric patients, (Semin Roentgenol), 20: 393, 1985 Grossman HB See Amendola MA

Grossman HB See Gottesman JE

Grossman LB; Buonocore E; Modic MT; Meaney TF: digital subtraction angiography of the thoracic aorta, (Radiology), 156: 323, 1984 Grossman LW See Nishiyama H

Grossman LW; Fernandez-Ulloa M; Lukes SJ; Mantil J; gallium-67 lung uptake: conjugate-view technique, (Radiology), 157: 789, 1985 Grossman R See Schwaiger M

Grossman RI See Atlas SW Grossman RI See Bilaniuk LT Grossman RI See Goldberg HI

Grossman RI See Gomori JM Grossman RI See Hackney DB Grossman RI See Hecht-Leavitt C

Grossman RI See Macchi PJ Grossman RI See Spagnoli MV

Grossman RI; Gonzalez-Scarano F; Atlas SW; Galetta S; Silberberg DH: multiple sclerosis: gadolinium enhancement in MR imaging, (Radiology), 161: 721, 1986

Grossman RI; Joseph PM; Wolf G; Biery D;
MGrath J; Kundel HL; Fishman JE;
Zimmerman RA; Goldberg HI; Bilaniuk LT:
experimental intracranial septic infarction:
magnetic resonance enhancement, (Radiology),
155: 649, 1985

Grossman RI; Sergott RC; Goldberg HI; et al: dural malformations with ophthalmic manifestations: results of particulate embolization in seven patients, (AJNR), 6: 809, 1985

Grossman ZD See Rosebrough SF Grossman ZD; Ellis DA; Brigham SC; Farrar FM; Sternick AN; Bramhava D: digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism, (Radiology), 150: 843, 1984 Grosso MA See Grant EG

Grosso MA See Grant Ed Groth S; Zaric A; Sorenson PB; et al: regional lung function impairment following post-operative radiotherapy for breast cancer using direct or tangential field techniques, (Br J Radiol), 59: 445, 1986

445, 1986 Grotta JC See Tang RA Grottum P See Smith H-J Grove AS Jr See Friberg TR Growcock G See Lecklitner MI Grozinger KT See Giyanani VL Gruenewald S See Ambler R Gruentzig A See Hall D Grulkey WR See Douglas BG Grumbach K See Hall FM Grumbach K See Mintz MC

Grumbach K See Mintz MC Grumbach K; Coleman BG; Arger PH; Mintz MC; Gabbe SV; Mennuti MT: twin and singleton growth patterns compared using US, (Radiology), 158: 237, 1986 Grumbach K; Levine MS; Wexler JA: gallstone ileus diagnosed by computed tomography, (JCAT), 10: 146, 1986

Grun R See Schwerk WB

Grund FM; Ewing SL; Shafer RB: scintigraphic findings in chronic actinomycosis osteomyelitis and associated soft tissue infection, (Clin Nucl Med). 11: 23, 1986

Grundfest WS See Berci G

Grundy H; Glasmann A; Burlbaw J; et al: hemangioma presenting as a cystic mass in the fetal neck, (J Ultrasound Med), 4: 147, 1985

Grunebaum M; Ziv N; Kornreich L: sonographic evaluation of the great vessels' interspace in the pediatric retroperitoneum, (Pediatr Radiol), 16: 384, 1986

Grunholz J See Scholmerich J Grunnet ML See Reik L Jr Gruskin P See Lo WWM Grybauskas VT See Schild JA Gu DZ See Chen ZX Gu X-Z See Chen ZX
Gu X-Z See Yan J-H
Guadagni J See Drummoi
Gubler JP See Galifer RB
Gubler MC See Garel LA Gudex D: alimentary tract radiology, volumes I and II, 3d ed., (Radiology), 151: 310, 1984
Guedj G See Labrune M

Guenther H See Crooks LE Guenther RW: transhepatic transcatheter puncture of an occluded biliary intestinal anastomosis for recanalization, (Radiology), 155: 249, 1985 Guerin CK; Wahner HW; Gorman CA; et al:

computed tomographic scanning versus radioisotope imaging in adrenocortical diagnosis, (Radiology), 151: 830, 1984

Guerra A See Picci P Guerra J See Cone RO III Guerra J Jr See Deutsch AL Guerra J Jr See Resnik CS

Guerra J Jr. See Resnik CS
Guerra J Jr. Garfin SR; Resnick D: vertebral burst
fractures: CT analysis of the retropulsed
fragment, (Radiology), 153: 769, 1984
Guerra J Jr. Resnick D; Gelberman RH; Reznek R;
Cone RO III: replantation of digits or hands
followed by destructive joint disease,
(Radiology), 152: 591, 1984

Guerra JJ Jr See Nunez D Jr Guerra JJ Jr See Sartoris DJ Guerra RR See Morantes JG Guerrier B See Dobois JB Guggenheim MA See Miller GM

Guggenheim MA See Miller GM
Gugliantini P See Fasanelli S
Guglielmi GE See DeGaeta L
Guiard J-M; Kien P; Colombani S; et al: intradiploic
epidermoid cysts in adults: CT contribution to
diagnosis in 6 new cases, (J Neuroradiol), 15: 22,
1986

Guice KS See Oldham KT Guidetti B See Palma L

Guidetti B See Palma L
Guigui B See Mathieu D
Guilburd JN See Borovich B
Guilford WB See Lysko JE
Guilford WB See Phillips HO
Guillamondegui OM; Mikhail RA: treatment of
differentiated carcinoma of the thyroid gland.
selective management?, (Radiology), 153: 571,
1984

Guillaumin E; Jeffrey RB Jr; Shea WJ; Asling CW; Goldberg HI: perirectal inflammatory disease: CT findings, (Radiology), 161: 153, 1986 Guillaumin ES See Federle MP

Guillaumin ES See Federle MP Guille J See Valk PE Guimaraens L See Reizine D Guimaraens L See Rufenacht D-A Guinet C; Mathieu D; Metreau J-M; et al: unusual hepatic venous drainage in inferior vena cava obstruction: demonstration by MRI, (AJR), 147: 635, 1986

Guinto FC Jr See Mirfakhraee M Guinto FC Jr: preparation of gelfoam particles using an orthopedic rasp, (Radiology), 153: 260, 1984

Guinto FC Jr; Hashim H; Crofford MJ;

Guinto FC Jr. Hashim H; Crofford MJ;
Mirfalbaraee M: dynamic CT using an arterial
bolus. (Radiology), 157: 529, 1985
Guinto FC Jr; Hashim H; Stumer M: CT
demonstration of disk regression after
conservative therapy. (A]NR), 5: 632, 1984
Guit GL; Bluemm R; Rohmer J; Wennink AC;
Chin JG; Doornbos J; van Voorthuisen AE:
levotransposition of the aorta: identification of
segmental cardiac anatomy using MR imaging,
(Radiology), 161: 673, 1986
Guit GL; Kroon HM; Chin JG; et al: radionuclide
angiocardiography in the clinical evaluation of
cardiac malpositions in situs solitus in adults, ()
Nucl Med), 27: 484, 1986
Guit GL; Kroon HM; Chin JG; Pauwels EK; van

Guit GL; Kroon HM; Chin JG; Pauwels EK; van Voorthuisen AE: congenitally corrected transposition in the adult: detection by radionuclide angiocardiography, (Radiology), 157: 521, 1985

Guit GL; Kroon HM; Chin JG; Pauwels EK; van Voorthuisen AE: congenitally corrected transposition in the adult: detection by radionuclide angiocardiography: reply, (Radiology), 160: 854, 1986

(Radiology), 160: 854, 1986
Guit GL; Kroon HM; van Voorthuisen AE;
Steiner RM; Chin JG; Buis-Liem T:
congenitally corrected transposition in adults
with left atrioventricular valve incompetence,
(Radiology), 155: 567, 1985
Guit GL; Shaw PC; Ehrlich J; Kroon HM;
Oudkerk M: mediastinal lymphadenopathy and
pulmonary arterial hypertension im mixed
connective tissue disease, (Radiology), 154: 305,
1985

1995
Guit GL; van Voorthuisen AE; Steiner RM: outlet strut fracture of the Bjork-Shiley mitral valve prosthesis, (Radiology), 154: 298, 1985
Gulenchyn KY; Dover MR; Kelly S: splenic hemangioma presenting as a "hot spot" on radiocolloid scintigraphy, (J Nucl Med), 27: 804, 1996. 1986

Gullberg GT See Malko JA Gullberg GT See Malko JA Gullberg GT See Tsui BMW Gullberg GT See Wehrli FW Gulliver DJ See Giuffre GM Gullo L See Bolondi L Gulsvik A See Pedersen OM Gulvas S See Whitmore GF Gumbiner CH See Graham L Jr

Gunderson LL; Martin JK; O'Connell MJ; et al: local control and survival in locally advanced gastrointestinal cancer, (Int J Radiat Oncol Biol Phys), 12: 661, 1986

Phys), 12: 661, 1986
Gundry SR; Burney RE; Mackenzie JR; et al:
traumatic pseudoaneurysms of the thoracic
aorta, anatomic and radiologic correlations,
(Radiology), 155: 849, 1985
Gundry SR; Strodel WE; Knol JA; et al: efficacy of
preoperative biliary tract decompression in
patients with obstructive jaundice, (Radiology),
154: 559, 1985.

Gunn TR See Brown J Gunn W See Kaufman J Gunther M See Brinkmann H

Gunther RW: ultrasound and CT in the assessment of suspected islet cell tumors of the pancreas, (Semin US CT MR), 6: 261, 1985

Gunther RW; Kelbel C; Lenner V: real-time ultrasound of normal adrenal glands and small tumors, (Radiology), 154: 283, 1985

tumors, (Radiology), 154: 283, 1985 Gunther RW, Schild HJ, Fries A; Storkel S: vena caval filter to prevent pulmonary embolism: experimental study. work in progress, (Radiology), 156: 315, 1985 Guntheroth WG See Cyr DR

Guo-zhen X See Xue-zeng S Gupta AK; Bhargava S; Rohtagi M: anal agenesis with recto-bulbar fistula, (Pediatr Radiol), 16: 222, 1986

Gupta KL See Chakraborty DP Gupta KL See Duvall ER Gupta KL See Vitek JJ Gupta NK See Fritz SL

Gupta R; Devi PU: protection of mouse chromosomes against whole-body gamma irradiation by SH-compounds, (Br J Radiol), 59: 625, 1986

Gupta R; Woodham CH: unusual ultrasound appearance of the spleen—case of hereditary spherocytosis, (Br J Radiol), 59: 284, 1986

Gupta RK; Saha MM: multiple stress fractures, (Australas Radiol), 30: 57, 1986

(Australas Radiol), 30: 57, 1986
Gupta S See Gillespie JE
Gupta SK; Fraser GM: caecal bariolith: unusual complication following a barium meal, (Radiology), 157: 565, 1985
Gupta SM See Spencer RP
Gupta SM; Frias J; Garg A; et al: aberrant cerebrospinal fluid pathway: detection by scintigraphy, (Clin Nucl Med), 11: 593, 1986
GUP See Vrans H.

Gur D See Yonas H
Gur D; Good WF; Herbert DL; et al: blood flow
mapping in the human liver by the xenon/CT
method, (JCAT), 9: 447, 1985

Gur D; Wald N: probability of causation tables and their possible implications for the practice of diagnostic radiology, (Radiology), 158: 853, 1986 Gur D; Yonas H; Wolfson SK Jr; et al: xenon/CT blood flow mapping of the kidney and liver, (JCAT), 8: 1124, 1984

Gurney J; Harrison WI; Anderson JC: omental fat simulating pleural fluid in traumatic diaphragmatic hernia: CT characteristics, (JCAT), 9: 1112, 1985

Gurney JW: absent dens on submentovertex view of the skull: new sign of an abnormal odontoid, (J Canad Assoc Radiol), 37: 38, 1986

Gurney JW; Arnold S; Goodman LR: impending cardiac herniation: snow cone sign, (Radiology), 161: 653, 1986

Gurney JW; Wigton RS: computerized reference management: searching the literature, (AJR), 147: 641, 1986

147: 641, 1986
Gurret JP See Hauser H
Gusnard DA See Naidich TP
Gussenhoven EJ; van Herwerden LA; Roelandt
J; et al: detailed analysis of aortic value
endocarditis: comparison of precordial,
esophageal and epicardial two-dimensional
echocardiography with surgical findings, (JCU),
14: 209, 1986

14: 209, 1986

Gussenhoven WJ; Jansen RC; Bom N, et al:
variability in the time interval between
tricuspid and mitral valve closure in Ebstein's
anomaly. (Radiology), 154: 860, 1985

Gustafson DE See Pope DL
Gustafson RB See Thompson TT
Gustafson M; Mortenson W: radiation exposure
and estimate of late effects of chest roentgen
examination in children, (Radiology), 152: 849,
1984

Guthaner DE See Children.

Guthaner DF See Chiles C Guthaner DF See Kim D Guthaner DF See Lewis BD Guthaner DF See Peterson IM

Guthaner DF; Nassi M; Bradley B: validation of a CT method for flow determination. work in progress, (Radiology), 151: 429, 1984 Guthaner DF; Wexler L; Bradley B: digital subtraction angiography of coronary grafts: optimization of technique, (AJR), 145: 1185, 1985

Guthrie AM See Stark P Gutierrez F See Katz ME Gutierrez FR See Glazer HS Gutierrez FR See Murphy WA Gutierrez FR See Rholl KS

Gutierrez FR; McKnight RC; Ludbrook PA; et al:

radiographic appearance of coronary artery dissection: a decision-making dilemma, (Radiology), 155: 270, 1985
Gutierrez FR; Shackelford GD; McKnight RC; et al: diagnosis of congenital absence of left pericardium by MR imaging, (JCAT), 9: 551, 1985

Gutierrez O See Wilson PC

Gutierrez O See Wilson PC
Gutierrez OH See Burgener FA
Gutierrez OH See DiMarco PL
Gutierrez OH See Gramiak R
Gutierrez OH; Desai S; Burgener FA:
leiomyosarcoma of the inferior vena cava (IVC)
with intracardiac extension, (Eur J Radiol), 6: 153, 1986

Gutin PH See Turowski K Gutman FA See Zakov ZN Guttman FA See Jequier S Guttman FM See Nguyen L Guyer B; Smith DS; Cady RB; et al: dosimetry of

Luyer B; Smith DS; Cady RB; et al: dosimetry of computerized tomography in the evaluation of hip dysplasia, (Radiology), 154: 860, 1985 Guyer BH; Levinsohn EM; Fredrickson BE; et al: computed tomography of calcaneal fractures: anatomy, pathology, dosimetry, and clinical relevance, (AJR), 145: 911, 1985 Guyer D See Dinsmore RE

Guyer DE See Gillam LD Guyer PB See English RE

Guyer PB Dewbury KC: ultrasound of the breast in the symptomatic and x-ray dense breast, (Radiology, 156: 571, 1985 Guyon JJ: Brant-Zawadzki M; Seiff SR: CT demonstration of optic canal fractures, (AJNR), 5: 575, 1984

Gwinn JL See Senac MO Jr Gyldensted C See Ketonen L

Gyldensted C: cerebral computed tomography: a text atlas. 2d ed., (Radiology), 153: 704, 1984 Gyldensted C: computed tomography of the spine, (Radiology), 154: 384, 1985

(Radiology), 154: 384, 1985
Gyll C: horizontal versus vertical, or lying down is better, (Radiology), 153: 568, 1984
Gyorffy-Wagner Z; Englund E; Larsson EM; et al: proton magnetic resonance relaxation times T1 and T2 related to postmortem interval: investigation on porcine brain tissue, (Acta Radiol [Diagn]), 27: 115, 1986
Gyves JW See Glazer GM
Gyves JW See Williams DM
Gyves JW See Ziessman HA

ves JW See Ziessman HA

Gyves JW; Ziessman HA; Ensminger WD; et al: definition of hepatic tumor microcirculation by single photon emission computerized tomography (SPECT), (Radiology), 157: 287, 1985

### H

Haacke EM See Szeverenyi NM
Haacke EM; Bearden FH; Clayton JR; Linga NR:
reduction of MR imaging time by the hybrid
fast-scan technique. (Radiology). 158: 521, 1986
Haacke EM; Patrick JL: reducing motion artifacts in
two-dimensional Fourier transform imaging,
(Magn Res Imag). 4: 359, 1986
Haaga JR See Alexander MC
Haaga JR See Alexander MC
Haaga JR See Cammarata C
Haaga JR See Cammarata C
Haaga JR See Laukman RW
Haaga JR See Lieberman JM
Haaga JR See Lieberman JP
Haaga JR See LiPuma JP
Haaga JR See Martino CR
Haaga JR See Schultz CL Haacke EM See Szeverenyi NM

Haaga JR See Schultz CL
Haaga JR: magnetic resonance imaging of the liver,
(Radiol Clin North Am), 22: 879, 1984

Haaga JR: magnetic resonance imaging of the pancreas, (Radiol Clin North Am), 22: 869, 1984
Haaga JR; Beale SM: use of CO<sub>2</sub> to move structures

Haaga JR; Beale SM: use of CO<sub>2</sub> to move structures as an aid to percutaneous procedures, (Radiology), 161: 829, 1986 Haaga JR; Kori SH; Eastwood DW; et al: improved technique for CT-guided celiac ganglia block, (AJR), 142: 1201, 1984 Haagsma EB See Freling NJM Haahtela T See Monkare S Haas A See Kim HC Haas DK See Holland BA

Haas JS; Dean RD; Mansfield CM: dosimetric comparison of the Fletcher family of gynecologic colpostats 1950–1980, (Radiology), 158: 576, 1986

138: 576, 1986
Haas JS; Dean RD; Mansfield CM: Fletcher-Suit-Delclos gynecologic applicator: evaluation of a new instrument, (Radiology), 151: 278, 1984
Haas RE See Mantravadi RVP
Haase A See Fahu
Haase A See Fahu

Haase A; Fahm J; Matthaei D; Hanicke W; Bomsdorf H; Kunz D; Tischler R: MR imaging using stimulated echoes (STEAM), (Radiology), 160: 787, 1986 Haase A; Matthaei D; Hanicke W; Frahm J:

Haase A; Matthaei D; Hanicke W; Frahm J:
dynamic digital subtraction imaging using fast
low-angle shot MR movie sequences,
(Radiology). 160: 537. 1986
Habbick BF See Jacobsen LE
Habbick BF; Hill A; Tchang SP: computed
tomography in an infant with salt poisoning:
relationship of hypodense areas in basal ganglia
to serum sodium concentration, (Radiology),
157: 282, 1985
Haber B See Roberts D
Haber G See Leekam RN
Haber K See Hunter TB
Haberland C See Merchut MP
Habermann ET: total joint replacement: overview,

Haberland C See Merchut MP
Habermann ET: total joint replacement: overview,
(Semin Roentgenol), 21: 7, 1986
Habib R See Garel LA
Habibian MR; Hinton AA: scintigraphic
demonstration of mesenteric metastasis
invading small bowel, (Clin Nucl Med), 11: 442,

Hachihanefioglu U; Ozturk AS: sarcomas of the larynx. report of ten cases, (Radiology), 151: 268, 1984

1984
Hachinski V: comment on asymptomatic carotid
stenosis and asymptomatic carotid bruit,
(Radiology), 157: 283, 1985
Hachiya J See Miyasaka
Hachiya J See Nitatori T

Hackeloer B-J: role of ultrasound in female infertility management, (Radiology), 152: 865,

infertility management, (Radiology), 152: 865, 1984
Hacken JB See Athey PA
Hackethorn JC See Krook PM
Hackethorn JC; Boren SR; Dotter CT; Rosch J:
antegrade internal ureteral stenting: technical refinement, (Radiology), 156: 827, 1985
Hackney D; Slutsky RA; Mattrey R; Peck WW;
Abraham JL; Shabetai R; Higgins CB:
experimental pericardial inflammation
evaluated by computed tomography,
(Radiology), 151: 145, 1984
Hackney DB See Atlas SW
Hackney DB See Centeno RS
Hackney DB See Centeno RS
Hackney DB See Spanoii MV
Hackney DB, Asato R; Joseph PM; Carvlin MJ;
McGrath JT; Grossman R; Kassab EA;
DeSimone D: hemorrhage and edema in acute
spinal cord compression: demonstration by MR
imaging, (Radiology), 161: 387, 1986

Hackney DB; Grossman RI; Zimmerman RA; et al:
MR characteristics of iophendylate
(Pantopaque), (ICAT), 10: 401, 1986
Hackney DB; Lesnick JE; Zimmerman RA; et al: MR
identification of bleeding site in subarachnoid
hemorrhage with multiple intracranial
aneurysms, (ICAT), 10: 878, 1986
Hackshaw BT See D'Souza VJ
Hackshaw BT See Velasquez G
Hacm M See Pereprin H

Haco M See Peregrin JH Hadar H See Atlan H Hadar H See Lanir A

Hadar H; Gadoth N: positional relations of colon and kidney determined by perirenal fat, (AJR), 143: 773, 1984

143:773, 1984

Hadar H; Gadoth N; Gillon G: computed tomography of renal agenesis and ectopy, (Radiology), 154: 859, 1985

Haddad E; Bourgeois JP; Kuentz M; et al: liver complications and lymphomas treated with a combination of chemotherapy and radiotherapy: preliminary results, (Radiology), 154: 863, 1985

Haddad ES See Ba'assiri A

Haddad FS See Ba'assiri A Haddick DH See Gray JE Hadfield R See Fishman EK Hadjipavlou AG See Lander PH Hadjipavlou AG See Zlatkin MB Hadjis NS See Carr DH

Hadjis NS; Carr DH; Banks L; et al: role of CT in the

diagnosis of primary lymphedema of the lower limb. (AIR). 144: 361, 1985 Hadley GP; Rabe E: scanning with iodine-131 MIBG in children with solid tumors: initial appraisal. (J Nucl Med). 27: 620, 1986

Hadley K See Laing FC Hadlock FP See Deter RL

Hadlock FP; Deter RL; Carpenter RJ: sonography of the fetal genitourinary tract, (Semin US CT MR), 5: 213, 1984

5: 213, 1984 Hadlock FF; Deter RL; Harrist RB; et al: computer assisted analysis of fetal age in the third trimester using multiple fetal growth parameters, (Radiology), 151: 834, 1984 Hadlock FP; Deter RL; Harrist RB; Park SK:

estimating fetal age: computer-assisted analysis of multiple fetal growth parameters, (Radiology), 152: 497, 1984

Hadlock FP; Harrist RB; Carpenter RJ; Deter RL; Park SK: sonographic estimation of fetal weight the value of femur length in addition to head and abdomen measurements, (Radiology), 156: 271-100 150: 535, 1984

150: 535, 1984

Hadlock FP; Harrist RB; Deter RL; et al: prospective evaluation of fetal femur length as a predictor of gestational age, (Radiology), 150: 869, 1984

Hadlock FP; Harrist RB; Fearney hough TC;
Deter RL; Park 5K; Rossavik IK: use of femur length/abdominal circumference ratio in detecting the macrosomic fetus, (Radiology), 154: 933, 1985

Hadlock FP; Irwin JF; Roecker E; Shah YP;
Deter RL; Rossavik IK: ultrasound prediction of fetal lung maturity, (Radiology), 155: 469, 1985

1985

Hadlock FP; Kent WR; Loyd JL; et al: evaluation of two methods for measuring fetal head and body circumferences, (Radiology), 150: 868, 1984

Haendchen RV; Wyat HL; Maurer G; et al: quantitation of regional cardiac function by two-dimensional echocardiography. I. patterns of contraction in the normal left ventricle, (Radiology), 151: 273, 1984

Ha'eri GB See Bell RS

Haesslein HC See McGahan JP

Hafeez M; Tihansky DP: intraspinal tumor with lumbosacral agenesis, (AJNR), 5: 481, 1984

Haferkorn L See Hoevels-Guerich H

Hafiz MA See Gellad FE

Hagan PL See Halpern SE Hagan PL See Strich G

Hagan PL See Strich G Hagan PL; Halpern SE; Dillman RO; et al: tumor size: effect on monoclonal antibody uptake in tumor models, (J Nucl Med), 27: 422, 1986

tumor models. (J Nucl Med), 'Hagen's See Stridsklev IC
Hagerstrand I See Lin G
Haggar AH See Sandler MA
Haggar AM See Drane WE
Haggar AM See Glickstein MF
Haggar AM See Parlberg JL
Haggar AM See Watt AC
Haghighi P See Bjorkengren AG
Haghighi P See Dowd CF
Haghighi P See Kursunoglu S
Haghighi P See Ramos A
Haghighi P See Sarroris DJ

Haghighi P See Ramos A Haghighi P See Sartoris DJ Haher TR See Powers TA Hahn D See Heywang SH Hahn FJ See Kaplan PA Hahn FJ See Lieberman RP

Hahn FJ; Chu W-K; Cheung JY: CT measurements of cranial growth: alternative measurement method, (AJNR), 6: 537, 1985

Hahn FJ; Chu W-K; Cheung JY: CT measurements of cranial growth: normal subjects, (AJNR), 5: 155, 1984

Hahn FJ; Chu W-K; Torkelson RD: CT measurements of cranial growth: microcephaly, (AJNR), 5: 159, 1984

(A)(NA), 5: 139, 1394
Hahn FJ; Ong E; McComb RD; et al: MR imaging of ruptured intracranial dermoid, (JCAT), 10: 888, 1986

Hahn JF See Kaye AH Hahn PF See Edelman RR Hahn PF See Stark DD

Hahn PF, Stark DD, Vici L-G; Ferrucci JT Jr: duodenal hematoma: ring sign in MR imaging, (Radiology), 159: 379, 1986 Hahne HJ See Bursch JH

Haines JE: gamuts in nuclear medicine, (Radiology), 152: 160, 1984

Haines JE: interventional nuclear medicine, (Radiology), 154: 782, 1985 Haines JE: nuclear imaging in oncology, (Radiology), 154: 794, 1985 Haines ME See Whitelaw A

Hajek P; Binder W; Kumpan W; et al: localization device for fine-needle puncture of non-palpal lesions of the female breast, (Radiology), 153: 271 1984

Hajek PC See Wittich GR

Hajek PC; Salomonowitz E; Turk R; Tscholakoff D; Kumpan W; Czembirek H: lymph nodes of the neck: evaluation with US, (Radiology), 158: 739, 1986

1986
Hakenberg OW; Ryall RL; Langlois SL; et al:
estimation of bladder volume by
sonocystography, (Radiology), 151: 560, 1984
Hakki A-H See Iskandrian AS
Hakki A-H See Nestico PF

Hakuba A See Inoue Y
Halac S; Roemer RB; Oleson JR; et al: magnetic
induction heating of tissue: numerical
evaluation of tumor temperature distributions,
(Radiology), 151: 280, 1984

Halasz NA See vanSonnenberg E Halbach VV See Hieshima GB Halbach VV See Reicher MA

Hald IK See Turski PA Halden WJ Jr See White RI Jr

Halden WJ Jr; White RI Jr; Bright J; Mitchell SE; Chang R: vessel sizing wire: accurate vessel measurement using digital subtraction arteriography, (Radiology), 161: 556, 1986 Hale JD See Feinberg DA

Hale JD See Valk PE Hale JD See Wesbey GE

Hale JD See Wesbey GE.
Hale JD; Valk PE; Watts JC; Kaufman L; Crooks LE;
Higgins CB; Deconinck F: MR imaging of blood vessels using three-dimensional reconstruction: methodology, (Radiology), 157:727, 1985

Halgunset J See Nordby A Hall A See Kwan ESK Hall AJ See Cooper C Hall AS See Dickinson RJ Hall C See Pera A

Hall C See Pera A
Hall CM See Dux AEW
Hall D; Gruentzig A: percutaneous transluminal
coronary angioplasty: current procedure and
future direction, (AJR), 142: 13, 1984
Hall DA See Hann LE

Hall DA See Hann LE
Hall DA See Simeone JF
Hall DA; Crowley WF; Wierman ME; et al:
sonographic monitoring of LHRH analogue
therapy in idiopathic precocious puberty in
young girls, (JCU), 14: 331, 1986
Hall DA; McCarthy KA: significance of the
postmenopausal simple adnexal cyst, (J
Ultrasound Med), 5: 503, 1986
Hall DA; McCarthy KA; Kopans DB: sonographic
visualization of the normal postmenopausal
ovary, (J Ultrasound Med), 5: 9, 1986
Hall DA; Yoder IC: female infertility, (Clin Diagn
Ultrasound), 14: 111, 1984
Hall EJ See Geard CR
Hall EJ; Setcing fearful odds—conference summary,

Hall EJ: facing fearful odds—conference summai (Int J Radiat Oncol Biol Phys), 12: 1023, 1986

Hall EJ; Marchese MJ; Astor MB; et al. response of cells of human origin, normal and malignant, to acute and low dose rate irradiation, (Int J Radiat Oncol Biol Phys), 12: 655, 1986 Hall FM See Mountford PJ

Hall FM See Sussman SK

Hall FM: computed tomography in the evaluation of diverticulitis, (Radiology), 154: 835, 1985

Hall FM: controversies in lumbosacral spine radiography: indications, projections, and clinical implications, (Radiology), 153: 833, 1984

cumcai implications, (Kadiology), 153: 833, 1984

Hall FM: galactocele: three distinctive radiographic appearances, (Radiology), 160: 852, 1986

Hall FM: mammographic screening: how to operate successfully at low cost, (Radiology), 161: 851, 1986

1986
Hall FM: reassessment of the routine double-contrast examination of the esophagus, (Radiology), 150: 278, 1984
Hall FM; Cohen RB; Grumbach K: case report 377, (Skeletal Radiol), 15: 401, 1986

Hall FM; Docken WP; Curtis HW; et al: calcific tendinitis of the longus coli: diagnosis by CT, (AJR), 147: 742, 1986

Hall FM; Goldberg RP; Kasdon EJ; et al: post-traumatic osteolysis of the pubic bone simulating a malignant lesion, (Radiology), 152: 842.1984

Hall FM; Goldberg RP; Wyshak G; Kilcoyne RF: shoulder arthrography: comparison of morbidity after use of various contrast media, (Radiology), **154**: 339, 1985

Hall H See Farde L

riail ff See Farde L.
Hall JA Jr; Hartenberg MA; Kodroff MB: chest radiographic findings in neonates on extracorporeal membrane oxygenation, (Radiology), 157: 75, 1985

Hall IG See Wilson RD Hall JT See Raval B

Hall JT See Sandler CM

Hall JT; Raval B: retroaortic left renal vein: interpretive pitfall on computed tomography, (CT), 10: 55, 1986

Hall R See Maglinte DDT

Hall RB; Robinson LH; Malawar MM; et al: periosteal osteosarcoma, (Radiology), 156: 268, 1985

Hall RC, Etchells AH: gamma camera phantom support stand for safer and faster non-unitormity measurement procedures, (Br J Radiol), 59: 701, 1986

Hall VL; Leppard BJ; McGill J; et al: treatment of basal-cell carcinoma: comparison of radiotherapy and cryotherapy, (Clin Radiol), 37: 33 1986

Hall-Craggs MA; Hine AL: ascending lower-limb phlebography: comparative study of Hexabrix 320, iohexol 300 and iohexol 240, (Br J Radiol), 59: 685, 1986

Hall-Craggs MA; Lees WR: fine-needle aspiration biopsy: pancreatic and biliary tumors, (AJR), 147: 399, 1986

Hall-Craggs MA; Shorvon PJ; Chapman M: assessment of the radial head-capitellum view and the dorsal fat-pad sign in acute elbow trauma, (AJR), 145: 607, 1985

Halle VH; Greisen O: neurilemmomas of the facial nerve presenting as parotid tumors, (Radiology), 152: 857, 1984

Haller IO See Bass IS Haller JO See Cohen HL

Haller IO See Friedman AP

Haller JO See Grandone CH

Haller JO; Bass IS; Nardi PM; et al: problem-oriented approach to the imaging of pediatric endocrine disorders, (Semin US CT MR), 6: 321,

Haller JO; Cohen HL: hypertrophic pyloric stenosis diagnosis using US, (Radiology), 161: 335, 1986 Hallett JW Jr See Greenwood LH

Halliday A See Gibson RN Halliday WC See Bernstein M

Hallman M See Edwards DK

Halls JM See Dunn JT Halls JM See Radin DR Halls JM See Ralls PW

Halls JM See Kails FW
Halperin BD; Feeley TW; Mihm FG; et al:
evaluation of the portable chest roentgenogram
for quantitating extravascular lung water in
critically ill adults, (Radiology), 159: 820, 1986

Halperin EC: pediatric radiation oncology, (Invest Radiol), 21: 429, 1986

Halperin EC: total lymphoid irradiation as an immunosuppressive agent for transplantation and the treatment of autoimmune disease: review, (Radiology), 156: 572, 1985 Halpern M See Dalinka MK

Halpern SE See Hagan PL

Halpern SE See Kipper SL Halpern SE See Pettigrew RI

Halpern SE; Dillman RO; Witztum KF; Shega JF; Hagan PL; Burrows WM; Dillman JB; Clutter ML; Sobol RE; Frencke JM; Bartholomew RM; David GS; Carlo DJ: Bartholomew KM; David GS; Carlo DJ: radioimmunodetection of melanoma utilizing In-111 96.5 monoclonal antibody: preliminary report, (Radiology), 155: 493, 1985

Halpern Z; Averbuch M; Papo J; et al: case of the bulging Bulgarian, (Br J Radiol), 59: 187, 1986

Halpert RD See Bernstein MA Halpert RD See Feczko PJ

Halpert RD See Keller CE Halpert RD See Madrazo BL Halpert RD See Monsein LH

Halpert KU See Monsein LH
Halpert RD; Feczko PJ; Chason DP; Barrett's
esophagus: radiological and clinical
considerations. (Radiology), 155: 272, 1985
Halpert RD; Feczko PJ; Spickler EM;
Ackerman LV: radiological assessment of
dysphagia with endoscopic correlation,
(Radiology), 157: 599, 1985
Halpert RD; Spickler EM; Esopha DL; Allert RD; Spickler EM;

Halpert RD; Spickler EM; Feczko PJ: dysphagia in patients with gastric cancer and a normal esophagram, (Radiology), 154: 589, 1985

Halterman G See Sims ME Halton K See Bier S

Halvoorsen TB See Edvardsen P Halvorsen P See Wolfson RN

Halvorsen RA See Gibbons RG Halvorsen RA See Silverman PM

Halvorsen RA See Thompson WM Halvorsen RA; Duncan JD; Merten DF; Gallis HA; Putman CE: pulmonary blastomycosis: radiologic manifestations, (Radiology), 150: 1, 1984

Halvorsen RA Jr; Foster WL Jr; Williford ME; et al: pseudosarcoma of the esophagus: barium swallow and CT findings, (Radiology), 153: 267,

Halvorsen RA Jr; Korobkin M; Foster WL Jr; et al: variable CT appearance of hepatic abscesses, (AJR), 142: 941, 1984

Halvorsen RA Jr See Fein AB Halvorsen RA Jr See Foster WL Jr Halvorsen RA Jr See Khoury MB

Halvorsen RA Jr See Thompson WM Halvorsen RA Jr; Fedyshin PJ; Korobkin M; et al: CT differentiation of pleural effusion from ascites: evaluation of four signs using blinded analysis of 52 cases, (Invest Radiol), 21: 391, 1986

Halvorsen RA Jr; Fedyshin PJ; Korobkin M; Foster WL Jr; Thompson WM: ascites or pleural effusion? CT differentiation: four useful criteria, (Radiographics). 6: 135, 1986

(Radiographics), 6: 133, 1986 worsen RA Jr; Magruder-Habib K; Foster WL Jr; Roberts L Jr; Postlethwait RW; Thompson WM: esophageal cancer staging by CT: long-term follow-up study, (Radiology), 161: 147, 1986

Halwig JM See Patterson R Ham HR See Piepsz A

Ham HR, Franken PR; Georges B; et al: evaluation of the accuracy of steady-state krypton-81m method for calculating right ventricular ejection fraction, (J Nucl Med), 27: 593, 1986

Ham JM See Choy D

Ham JM See Cnoy D Hamacher K; Coenen HH; Stocklin G: efficient stereospecific synthesis of no-carrier-added 2-[<sup>18</sup>F]-fluoro-2-deoxy-D-glucose using aminopolyether supported nucleophilic substitution, (J Nucl Med), 27: 235, 1986 Hamad MM See Nawaz K

Hamanishi C: congenital vertical talus: classification with 69 cases and new measurement system, (Radiology), 154: 276, 1985

Hamberger AD See Jolles CJ Hambraeus GM See Samuelsson L

Hambraeus GM See Samuelsson L Hamburger JJ; Miller JM; Kini SR: lymphoma of the thyroid, (Radiology), 152: 565, 1984 Hamburger RJ See Gale ME Hamed MS See Fataar S Hamilton C See Seltzer SE Hamilton DNH See Starnes HF

Hamilton EF See Lande IM

Hamilton EF See Lande IM Hamilton G: contamination of contrast agents by rubber components of 50-ml disposable syringes, (Radiology), 152: 539, 1984 Hamilton I See O'Connor HJ

Hamilton I; Lintott DJ; Rothwell J; et al: acute pancreatitis following endoscopic retrograde cholangiopancreatography, (Radiology), **151**: 819, 1984

Hamilton I; Lintott DJ; Ruddell WSJ; et al: Hamilton I; Lintott DJ; Ruddell WSJ; et al: endoscopic retrograde cholangiogram and pancreatogram in chronic liver disease, (Radiology). 150: 854, 1984 Hamilton R See James AE Jr Hamilton SR See Jones B

Hamilton SK See Jones B Hamilton SR; Hutcheon DF; Ravich WJ; et al: adenocarcinoma in Barrett's esophagus after elimination of gastroesophageal reflux, (Radiology), 154: 270, 1985 Hamilton WJ See Meador K

Hamilton-Wood C; Hollingworth P; Dieppe P; et al: painful swollen sterno-clavicular joint, (Radiology), 159: 266, 1986 Hamlin DJ See Hudson TM

Hamlin DJ See Weaver JW
Hamlin DJ See Weaver JW
Hamlin DJ: essentials of body computed
tomography, (Radiology), 154: 392, 1985
Hamlin DJ: magnetic resonance imaging and
spectroscopy, (Radiology), 160: 786, 1986

Hamlin DJ: oncologic imaging, (Radiology), 161: 42,

Hamlin DJ; Fitzsimmons JR; Pettersson H; et al: magnetic resonance imaging of the pelvis: evaluation of ovarian masses at 0.15 T, (AJR), 145; 585, 1985

Hamlin DJ; Paige R; Pettersson H; et al: magnetic resonance characteristics of an abdominal desmoid tumor, (Comput Radiol), 10: 11, 1986

desmoid tumor, (Comput Radiol), 10: 11, 1986 Hamlin DJ, Pettersson HJ, Fitzsimmons JR, et al: MR imaging of uterine leiomyomas and their complications, (JCAT), 9: 902, 1985 Hamlin DJ, Pettersson H; Ramey SL; et al: magnetic resonance imaging of bicornuate uterus with unilateral hematometrosalpinx and ipsilateral renal agenesis, (Urol Radiol), 8: 52, 1986

Hamlin JA See Berci G
Hamlin JA; Friedman M; Stein MG; Bray JF:
percutaneous biliary drainage: complications of
118 consecutive catheterizations, (Radiology),
158: 199, 1986

Hamm B; Fobbe F; Sorensen R; Felsenberg D: varicoceles: combined sonography and thermography in diagnosis and posttherapeutic evaluation, (Radiology), 160: 419, 1986 Hammad YY See Weill H Hamman RF See Fowler AA

Hamman RF See Fowler AA

Hammarberg C; Tribukait B; Ohman U: early
effects of preoperative irradiation upon the cell
cycle composition in rectal adenocarcinomas:
flow-cytometric DNA investigation, (Acta
Radiol [Oncol]), 25: 45, 1986

Hammeke TA; Grogan JP; Haughton VM; et al:
evaluation of myelographic contrast-medium
tolerance with psychometric testing, (AJNR), 6:
343, 1985

Hammermaier A; Reich E; Bogl W: radiochemical purity and in vitro stability of commercial hippurans, (J Nucl Med), 27: 850, 1986

Hammers L See Taylor KIW

Hammerschlag 58: basic neuroradiology, (Radiology), 150: 718, 1984 Hammerschlag 58: computed tomography and magnetic resonance imaging of the head and neck. 2d ed., (Radiology), 159: 584, 1986

Hammerschlag SB: neuroradiology of head trauma, (Radiology), 153: 434, 1984 Hammerschmidt DE See Schneiderman DE

Hammersley P See Bomber P Hammond DI See Don C

Hammond DI; Liver JA: prone and supine views in double-contrast knee arthrography, (Radiology), 155: 549, 1985

155: 549, 1985
Hamper UM See Dahnert WF
Hamper UM See Siegelman SS
Hamper UM; Khouri NF; Stitik FP; Siegelman SS:
pulmonary hamartoma: diagnosis by
transthoracic needle-aspiration biopsy,
(Radiology), 155: 15, 1985
Han BK See Babcock DS
Han BK See Kraus R
Han BK See Slovie TI

Han BK See Slovis TL Han BK See Towbin RB Han BK See Venkataraman PS

Han BK: pediatric cranial computed tomography, (Radiology), 135: 644, 1985

Han BK: uncommon causes of scrotal and inguinal

Han BK: uncommon causes of scrotal and inguinal swelling in children: sonographic appearance, (JCU), 14: 421, 1986

Han BK: x-ray diagnosis of the upper alimentary tract, vol. 1. x-ray diagnosis of the lower alimentary tract, vol. 2. pattern analysis of a programmed text, (Radiology), 159: 318, 1986

Han BK; Babcock DS: sonographic measurements and appearance of normal kidneys in children, (AJR), 145: 611, 1985

Han BK; Babcock DS: McAdame I. hastorial.

(AJR), 145: 611, 1985

Han BK; Babcock D5; McAdams L: bacterial meningitis in infants: sonographic findings, (Radiology), 154: 645, 1985

Han BK; Babcock D5; Oestreich AE: sonography brain tumors in infants, (AJNR), 5: 253, 1984

Han CH; Sillerud LO: synthesis of [quanidino<sup>13</sup>C]creatine and measurement of the creatine phosphokinase reaction in vitro by <sup>13</sup>C NMR spectroscopy, (Magn Res Med), 3: 626, 1986

Han JS See Benson JE

Han JS See Cammarata C

Han JS See Laukman RW

Han JS See Laakman RW Han JS See Modic MT

Han JS See Modic MT
Han JS: Benson JE: Bonstelle CT; Alfidi RJ;
Kaufman B; Levine M: magnetic resonance
imaging of the orbit: a preliminary experience,
(Radiology), 150: 755, 1984
Han JS; Benson JE; Kaufman B; et al: demonstration
of diastematomyelia and associated
abnormalities with MR imaging, (AJNR), 6: 215,

Han JS; Benson JE; Kaufman B; et al: MR imaging of pediatric cerebral abnormalities, (JCAT), 9: 103, 1985

Han JS; Benson JE; Yoon YS: magnetic resonance imaging in the spinal column and craniovertebral junction, (Radiol Clin North Am), 22: 805, 1984

Han JS; Bonstelle CT; Kaufman B; Benson JE; Alfidi RJ; Clampitt ME; Van Dyke C; Huss RG:

Alfidi RJ; Clampitt ME; Van Dyke C; Huss R magnetic resonance imaging in the evaluation of the brainstem, (Radiology), 150: 705, 1984 Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR; El Yousef SJ; Clampitt ME; Bonstelle CT; Huss RG: head trauma evaluated by magnetic resonance and computed tomography: a comparison, (Radiology), 150: 71, 1984 Han MC See Lim TH Han MC See Park JH Han SY See Breatnach ES

Han SY See Breatnach ES

Han SY; Koehler RE; Keller FS; et al: retractile mesenteritis involving the colon: pathologic and radiologic correlation (case report), (AJR), 147: 268, 1986 Han SY; McElvein RB; Aldrete JS; et al: perforation of the esophagus: correlation of site and cause with plain film findings, (AJR), 145: 537, 1985
Han SY; Tishler JM: perforation of the abdominal segment of the esophagus, (AJR), 143: 751, 1984
Hanabergh AM See Hoffer FA
Hanafee W See Holliday J Hanafee WN See Dietrich RB Hanafee WN See Johnson DM Hanafee WN See Johnson DM Hanafee WN See Lufkin RB Hanafee WN See Pusey E Hanafee WN: current radiology, (Radiographics), 4: 1011, 1984 Hanamura T See Kjellberg RN Hanash KA; Bissada NK; Abla A; et al: predictive value of excretory urography, ultrasonography, computerized tomography and liver and bone scan in the staging of bilharzial bladder cancer in Saudi Arabia, (Radiology), 154: 848, 1985 Hanbery J See Enzmann DR Hancock BW See McGurk M Hancock J See Benjamin B Hancock SL: anterior eye protection with orbital neoplasia, (Int J Radiat Oncol Biol Phys), 12: 123, 1986 Hand JW See Dunlop PRC Handa H See Okamoto S Handa H See Taki W Handa J; Suzuki F: supreme anterior communicating artery, (Neuroradiol), 28: 174, 1986 Handel D See Chen JTT Handler JB See Shea PM Handler M; Ho V; Whelan M; et al: intracerebral toxoplasmosis in patients with acquired immune deficiency syndrome, (Radiology), 152: 854, 1984 Handler R See Jacobs DH Hands ME See Antico VF Hanefeld F See Rausch HP Haneke E; Kienlein-Kletschka B: congenital onychodysplasia: iso-kikuchi syndrome, (Radiology), 156: 859, 1985 Hanel D See Volle E Hanes TK; Condon BR; Fleming JS; et al: comparison between the use of a shadow shield whole body counter and an uncollimated gamma camera in the assessment of the seven day retention of SeHCAT, (Radiology), **154**: 861, 1985 Haney P; Gellad F; Swartz J: aneurysmal bone cyst of the spine: computed tomographic appearance, (Radiology), 151: 830, 1984

Haney PJ See Allen HA Haney PJ See Nelson AW Haney PJ See Reed WP

Haney PJ See Ringel RE Haney PJ See Villasenta U

Haney PJ; Bohlman ME; Sun C-CJ: radiographic findings in neonatal pneumonia, (AJR), 143: 23, 1984

Haney PJ; Whitley NO: CT of benign cystic abdominal masses in children, (AJR), 142: 1279, 1984

Hangartner TN: review: radiologic measurement of bone, (I Canad Assoc Radiol), 37: 143, 1986 Hangiandreou NJ See Hasegawa BH

Hanicke W See Frahm J Hanicke W See Frahm J Hanigan WC, Wright SM; Wright RM: clinical utility of magnetic resonance imaging in pediatric neurosurgical patients, (Radiology), 160: 862, 1966

Haning RV Jr; Zwiebel WJ: update on ultrasound in clinical management of infertility, (Semin US CT MR), 6: 337, 1985 Hanissian AS See Stapleton FB

Hanley JA See McNeil BJ

Hanlon JT; Combs DT; Hoffman G; et al: ultrasonic detection of thrombus at the origin of the internal carotid artery, (JCU), 14: 153, 1986

Hann L; Love S; Goldberg RP: pseudomyxoma peritonei: preoperative diagnosis by ultrasound and computed tomography. a case report, (Radiology), 151: 545, 1984 Hann LE See Edelman RR

Hann LE; Bachman DM; McArdle CR; coexistent intrauterine and ectopic pregnancy: a reevaluation, (Radiology), 152: 151, 1984 Hann LE; Hall DA; McArdle CR; Seibel M:

polycystic ovarian disease: sonographic spectrum, (Radiology), 150: 531, 1984 Hannig C; Allgayer B; Risch M; et al: duodenal fistular-rare complication following the removal of an infected aortic graft: case report, (Cardiovasc Intervent Radiol), 9: 33, 1986 Hanning RV Jr See Manor WF

Hanno PM See Shlitz RE Hansberry PA See Simon NV Hansell DM: inevitable progression?, (Br J Radiol), 59: 521, 1986 Hansell DT See Thomson GJL

Hansell J See Alavi JB Hansen DD See Ritchie JI Hansen HS See Overgaard J Hansen JA See Donofrio NM Jr Hansen KJ See Howe HR Jr Hansen LG See Kjaer M Hansen N See Kimme-Smith C
Hansen M See Kimme-Smith C
Hansen M See Kimme-Smith C
Hansen MF See Burke JW
Hansmann M See Gilsanz V
Hanson DG See Stanley RB Jr
Hanson GA See Duncavage JA
Hanson J See Edwards MT
Hanson JW See Barr M Jr
Hanson RD; Hunter TB: Tuberculous peritonitis: CT
appearance, (AJR), 144: 931, 1985
Hanson G; Nachemson A; Palmen K: screening of
children with congenital dislocation of the hip
joint on the maternity wards in Sweden,
(Radiology, 151: 264, 1984
Hansson T See Jonson R
Hanto DW See Frick MP
Hanun Y See Khoury MB

Hanun Y See Khoury MB Haponik EF, Rothfeld B, Britt EJ, et al: radionuclide localization of massive pulmonary hemorrhage, (Radiology), 155: 286, 1985

(xautotogy), 159: 286, 1985 Haque KN: isolated asternia: an independent entity, (Radiology), 153: 275, 1984 Har H See Tanaka Y Harada S See Nakata H

Harberg FJ See Pokorny W Harbert JC See Feuerstein IM Harbert JC See Noel A

Harbert JC See Noel A
Harbert JC: efficacy of liver scanning in malignant
diseases, (Semin Nucl Med), 14: 287, 1984
Harbert JC; Pollina R: absorbed dose estimates from
radionuclides, (Radiology), 154: 862, 1985
Harbour RC; Trobe JD; Ballinger WE: septic
cavernous sinus thrombosia sasociated with
gingivitis and parapharyngeal abscess,
(Radiology), 153: 853, 1984
Harcke HT See Mandell GA
Harcke HT See Mandell GA
Harcke HT See Morin C
Harcke HT: Conway II: Tachidian MO; et al:

Harcke HT See Morin C
Harcke HT; Conway J); Tachjdian MO; et al:
scintigraphic localization of bone lesions during
surgery, (Radiology), 157: 575, 1985
Harcke HT; Lee MS; Sinning L; et al: ossification
center of the infant hip: sonographic and
radiographic correlation, (AJR), 147: 317, 1986
Hardeman SW See Preminger GM
Harder D See Newiger H
Hardin CW See Doxey GP
Hardin CW; Harnsberger HR; Osborn AG; et al: CT
in the evaluation of the normal and diseased
oral cavity and orpoharynx. (Semin US CT MR).

oral cavity and oropharynx, (Semin US CT MR), 7: 131, 1986

oral cavity and oropharynx, (Semin US CT MR), 7: 131, 1986
Hardin CW; Harnsberger HR; Osborn AG; Doxey GP; Davis RK; Nyberg DA: infection and tumor of the masticator space: CT evaluation, (Radiology), 157: 413, 1985
Hardin CW; Kruger RA; Anderson FL; Bray BE; Nelson JA: real-time digital angiocardiography using a temporal high-pass filter, (Radiology), 151: 517, 1984
Harding AM See Maron BJ
Harding DR See Winfield AC
Harding JA; Glick SN; Teplick SK; et al: appendiceal filling by double-contrast barium enema, (Gastrointest Radiol), II: 105, 1986
Harding JR; McCall IW; Park WM; et al: fracture of the cervical spine in ankylosing spondylitis, (Radiology), 157: 850, 1985
Harding RP See Stone HB
Hardoff R See Heller SL
Hardy BE See Eke F

Hardoff R See Heller SL
Hardy BE See Eke F
Hardy CJ See Edelstein WA
Hardy DC See DePrima SJ
Hardy DC, Vogler JB III, White RH: shoulder
impingement syndrome: prevalence of
radiographic findings and correlation with
response to therapy, (AJR), 147: 557, 1986
Hardy MG See Baines CJ
Hardy MA See Fawwaz RA
Hardy P See Henkelman RM
Hardy RW II See Modic MT

Hardy RW Jr See Modic MT Hare WSC See Nunn IN

Hare WSC: ureteral calculi: percutaneous removal using modified basket extractors and fluoroscopy, (Radiology), 160: 189, 1986 Harel C See Cadotte R

Harell GS See Sartoris DI Harewood LM See Nunn IN

Hargrove CB See Shub MD

Harisiadis L; Schell MC; Working KR; Justice T;
Wessels BW; Ling CC: orbital tumor irradiation
using non-coplanar beams, (Radiology), 156:
823, 1985

Arkary L See Kramer EL

Harker L; Hutton L; Passi RB: radiologic findings of
retroperitoneal perforation after
sphincterotomy, (J Canad Assoc Radiol), 37: 169,
1986

Harkness BA See Kalff V

Harkness BA See Keyes JW Jr Harlan JL See Meng RL Harle TS See Larson TC III Harle TS See Larson TC III
Harley DP; Mena I; Miranda R; et al: myocardial
dysfunction following blunt chest trauma,
(Radiology), 152: 269, 1984

Harley DP; Mena I; Narahara KA; et al: traumatic
myocardial dysfunction, (Radiology), 154: 570,
1985

1985
Harley JD See McCorkell SJ
Harley JD See Mcntana MA
Harman RR See Bydder GM
Harmer CL See Ashby MA
Harms SE See Gallimore GW Jr
Harms SE See Sullivan JA
Harms SE; Morgan TJ; Yamanashi WS; et al:
principles of nuclear magnetic resonance
imaging, (Radiographics), 4: 26, 1984
Harms SE; Muschler G: three-dimensional MR
imaging of the knee using surface coils, (JCAT),
10: 773, 1986
Harms SE; Siemers PT: Hildenbrand P: Plum G:

10: 773, 1986

Harms SE; Siemers PT; Hildenbrand P; Plum G:
multiple spin echo magnetic resonance imaging
of the brain, (Radiographics), 6: 117, 1986

Harms SE; Wilk RM; Wolford LM; Chiles DG;
Milam SB: temporomandibular joint: magnetic
resonance imaging using surface coils,
(Radiology), 157: 133, 1985

Harned RK See Williams SM

Harned RK; Williams SM: immediate barium enema
following colorectal biopsy: reply, (Radiology),
156: 845, 1985

Harned RK; Williams SM: Maglinte DDT.

156: 845, 1985
Harned RK, Williams SM; Maglinte DDT;
Hayes JM; Paustian FF; Consigny PM: clinical
application of in vitro studies for bartum-enema
examination following colorectal biopsy,
(Radiology), 154: 319, 1985
Harner SG; See Wilder WH
Harner SG; Reese DF: roentgenographic diagnosis
of acoustic neurinoma, (Radiology), 154: 564,
1985

Harnsberger HR See Stevens MH
Harnsberger HR, Dillon WP: major motor atrophic
patterns in the face and neck: CT evaluation,
(Radiology), 155: 665, 1985
Harnsberger HR; Lee TC; Mukuno DH; et al:
unusual intrauterine objects: potential pitfalls in
ultrasonographic identification, (Radiology),
151: 560, 1984
Harnsberger HR, Mancuso AA; Muraki AS;
Byrd SE; Dillon WP; Jouhnson LP;
Hanafee WN; branchial cleft anomalies and
their mimics: computed tomographic
evaluation, (Radiology), 152: 739, 1984
Harnsberger HR; Osborn AG; Smoker WRK: CT in
the evaluation of the normal and diseased
paranasal sinuses, (Semin US CT MR), 7: 68,
1986
Harnsberger JK; Corey JJ; Johnson DG; et al: long-

Harnsberger JK; Corey JJ; Johnson DG; et al: long-term follow-up of surgery for gastroesophageal reflux in infants and children, (Radiology), 150: 289, 1984

289, 1984
Harpen MD See Jones TB
Harpen MD See Robinson AE
Harper C See ApSimon HT
Harper PC, Gamelli RL; Kaye MD: recurrent
hemorrhage into the pancreatic duct from a
splenic artery aneurysm, (Radiology), 156: 562,
1985 Harper PS See Holland BA

Harper RW See Lew AS Harpold GJ; Wood CPL; Biller J; et al: vertebral artery occlusion producing lateral medullary syndrome diagnosed by pulsed Doppler ultrasound, (J Ultrasound Med), 4: 93, 1985

ultrasound, (J Ultrasound Med), Harre RG See El-Khoury GY Harrell B See Stanley JH Harrell JH See Seagren S Harries-Jones EP See Goodman A Harries-Jones P See Jeffery PC Harrington DP See Gardiner GA Jr Harrington DP See Levin DC

Harrington DP'sec Levin DC Harrington H; Heller H4; Dawson D; et al: intracerebral hemorrhage and oral amphetamine, (Radiology), 151: 551, 1984 Harrington H]; Mayman CI: carotid body tumor associated with partial Horner's syndrome and facial pain (Raeder's syndrome), (Radiology), 151: 824, 1984

Harris CC See Fearnow EC III Harris CC See Johnson DG Harris CC; Ford KK; Coleman RE; Dunnick NR:

effect of region assignment on relative renal blood flow estimates using radionuclides, (Radiology), **151**: 791, 1984 **Harris DJ** See Cibis GW

Harris E See Mink JH Harris ED See Monsein LH

Haskin PH See Whiteman MS

Harris GBC See Kirkpatrick JA Jr Harris GJ: subperiosteal abscess of the orbit, (Radiology), 150: 862, 1984 Harris J; Sawicka J; Gelman R; et al: management of Hartman DS; Davis CJ Jr; Goldman SM; et al: locally advanced carcinoma of the breast by primary radiation therapy, (Radiology), 151: 565, 1984 Harris JH Jr See Edeiken-Monroe B Harris JH Jr; Burke JT; Ray RD; Nichols-Hostetter S; Lester RG: low (type III) odontoid fracture: a new radiographic sign, (Radiology), 153: 353, 1984 Harris JH Jr; Littleton JT; Ray RD; Burke JT; Durizch ML; Kaylor S: panoramic zonogi ("Zonarc") in the delineation of midface fractures, (Radiographics), 5: 653, 1985 Harris JK See Davies ML Harris JK See Davies ML Harris JW See Shrieve DC Harris NL See Lehrich JR Harris NL See Lindfors KK Harris PJ See Suthar AL Harris RD; Simeone JF; Mueller PR; et al: portable ultrasound examinations in intensive care units, (J Ultrasound Med), 4: 463, 1985 Harris RD; Walther PC: renal arterial injury associated with percutaneous nephrostomy, (Radiology), 153: 272, 1984 Harris RW; See Andros G Harris RW; Andros G; Dulawa LB; et al: large-vessel Harris KW; Andros G; Dulawa LB; et al: large-vesse arterial occlusive disease in symptomatic upper extremity, (Radiology), 156: 269, 1985 Harris ST Jr See Chuang VP Harris ST See Reinbold W-D Harrison AM See Winzelberg GG Harrison DA See Bardfeld PA Harrison DA See Bayteld PA
Harrison DA See Daykin EL
Harrison DFN: idiopathic ulceration of the
hypopharynx, (Radiology), 158: 286, 1986
Harrison DFN: osseous and fibro-osseous conditions
affecting the craniofacial bones, (Radiology),
154: 281, 1985 154: 281, 1985
Harrison E See Radin DR
Harrison I See Skarsgard LD
Harrison IJG See Dawson P
Harrison KM; Muss HB; Ball MR; et al: spinal cord
compression in breast cancer, (Radiology), 157: 856 1985 Harrison LB See Morton JD Harrison MR See Mahony BS Harrison RB See Burkhalter JL Harrison RB; Keats TE; Frankel CJ; et al: Harriston RB; Keals TE; Frankel CJ; et al:
radiographic clues to fractures of the unossified
medial humeral condyle in young children,
(Radiology), 154: 562. 1985
Harriston WL See Gurney J
Harrist RB See Deter RL
Harrist RB See Hadlock FP Harsh GR III See Kline LB Harsh GR IV See Kelly WM Harshbarger JH See Gray JE Harshfield DL See Liu G-C Hart GC: moir≪ac05e interference in gamma camera quality assurance images, (J Nucl Med), 27: 820, 1986 27: 820, 1980
Hart H See Boberts D
Hart HR See Edelstein WA
Hart HR See Katzberg RW
Hart HR Jr See Bilaniuk LT
Hart HR Jr See Dottomley PA
Hart HR Jr See Dunulin CL
Hart HR Jr See Chenck JF Hart HR Jr See Schenck JF
Hart IR See Goldstein R
Hart BM; McNair M; Gamsu HR; et al: pulmonary
interstitial emphysema in very low birthweight
infants. (Radiology). 151: 822, 1984
Hartenberg MA See Hall JA Jr
Hartenberg MA See Resnik CS
Hartenstein R See Wendt TG
Harten VER SEE STEINSTEIL A Hartenstein R See Wendt TG
Harter KW See Dritschilo A
Harter LP; Gross BH; Callen PW; et al: ultrasonic
evaluation of abdominal aortic thrombus,
(Radiology), 150: 867, 1984
Harting F See Simonsz HJ
Hartley DE See ApSimon HT
Hartley DE See Watson A
Hartley G See Martin DF
Hattling OL; Hailund-Carlson PF: Hesse B: et al:

Hartman DS See Kos PR Hartman DS: See Sanders RC Hartman DS: first distinguished scientist, Department of Radiologic Pathology, Armed Forces Institute of Pathology, (Radiology), 156: 549, 1985

Hartman DS: second Distinguished Scientist, Department of Radiologic Pathology, Armed Forces Institute of Pathology, (Radiology), 160:

Hartman DS See Fishman EK Hartman DS See Goldman SM

Hartman DS See Quinn MJ Hartman DS See Roberts JL Hartman DS See Ros PR

Hartman DS; Davis CJ Jr; Goldman SM; et al: xanthogranulomatous pyelonephritis: sonographic—pathologic correlation of 16 cases, (J Ultrasound Med.), 3: 481, 1984 Hartman GW See Bornstein I Hartman GW See Hattery RR Hartman GW; McClennan BL; Pfister RC: academic uroradiology: the future, (Radiology), 158: 559, 1986 Hartman MT See Fedullo PF Hartman MT See Fedullo PF Hartmann DS; Pyatt RS; Dailey E: transitional cell carcinoma of the kidney with invasion of the renal vein. (Radiology), 150: 855, 1984 Hartnell GG See Barter SG Hartnell GG See Barter SG
(Radiology), 157: 835, 1985
Hartog M See Paisey R
Hartshorne MF See Bauman JM
Hartshorne MF See Bunker SR
Hartshorne MF See Bunker SR
Hartshorne MF See Bunker SR
Hartshorne MF, Brown JM; Cawthon MA; et al:
profound xenon-133 trapping in left main
bronchus: obstruction by necrotic tumor, (Cli
Nucl Med), 11: 525, 1986
Hartshorne MF: Cawthon MA: Bauman IM: Hartshorne MF; Cawthon MA; Bauman JM: plasmacytoma of the lumbar spine by SPECT, (Clin Nucl Med), 11: 65, 1986 Hartshorne MF; Heggen WD; Crooks L; et al: place of liver-spleen scanning in the workup of giant secondary cysts of the spleen, (Clin Nucl Med), 11: 4, 1986 11: 4, 1986 Hartsock RJ See Tabas JH Hartson-Eaton M See George RE Hartvig P See Lilja A Hartwag H See Nidecker AC Hartz A See Byhardt RW Hartz AJ See Kaufman J Hartz RS See Kucich VA Hartzman S See Reicher MA Haruta R See Murayama S Harvey EB; Boice JD Jr; Honeyman M; et al: prenatal x-ray exposure and childhood cancer in twins, (Radiology), 156: 860, 1985 Harvey GD; Mayer DP; Radecki PD: simplified patient positioning to reduce beam hardening in CT of the lower neck, (AJNR), 5: 796, 1984 Harvey J See Shepherd HA Harvey LA See Strain JD Harwey LA See Strain JD
Harwick R See McKenna EL Jr
Harwood AR See Berry MP
Harwood-Nash DC See Altman N
Harwood-Nash DC See Fitz CR Harwood-Nash DC See Fitz CR
Harwood-Nash DC See Wood BP
Harwood-Nash DC: computed tomography and
seizures in children, (Radiology), 151: 262, 1984
Harwood-Nash DC: computed tomography of the
cranio-cervical junction in children,
(Radiology), 153: 565, 1984
Haseda Y See Ueno K Haseda Y See Ueno K
Hasegawa BH; Naimuddin S; Dobbins JT III;
Mistretta CA; Peppler WW; Hangiandreou NJ;
Cusma JT; McDermott JC; Kudva BV;
Melbye KM: digital beam attenuator technique
for compensated chest radiography,
(Radiology), 159: 537, 1986
Hasegawa H See Makuuchi M
Hasegawa H See Muramatsu Y
Hasegawa H See Takagau K Hasegawa H See Takayasu K Haselgrove JC See Renshaw PF Hashim H See Guinto FC Jr Hashim SW See Morse SS Hashimoto B See Laing FC Hashimoto BE See Callen PW Hashimoto BE; Filly RA; Callen PW: fetal pseudoascites: further anatomic observations, (J Ultrasound Med), 5: 151, 1986 Hashimoto BE; Filly RA; Callen PW: multicystic dysplastic kidney in utero: changing appearance on US, (Radiology), 159: 107, 1986 Hashimoto BE; Filly RA; Callen PW: sonographic detection of fetal intraperitoneal fluid, () Ultrasound Med), 5: 203, 1986 Hashimoto BE; Filly RA; Callen PW: sonographic diagnosis of clubfoot in utero, (J Ultrasound Med), 5: 81, 1986 Hashimoto BE; Laing FC; Jeffrey RB Jr; Federle MP; hemorrhagic pancreatic fluid collections examined by ultrasound, (Radiology), 150: 803, 1984 Hashimoto BE; Mahony BS; Filly RA; et al: rashimoto B; Amiony Bs; ruj Ka; et ai: sonography, a complementary examination to alpha-fetoprotein testing for fetal neural tube defects, (J Ultrasound Med), 4: 307, 1985 Hashimoto S See Kondo M Hashimoto S See Shimizu K Hashimoto T See Morimoto K Haskell B See Farman AG Haskin ME See Peyster RG Haskin ME See Feyster KG Haskin PH See Butch RJ Haskin PH See Laffey PA Haskin PH See Mueller PR

Haskin PH See Sammon JA Haskin PH See Teplick SK

Haskin PH, Teplick SK, Gambescia RA; Zitomer N; Pavlides CA: percutaneous transhepatic removal of a common bile duct stone after mono-octanoin infusion, (Radiology), 151: 247, Hassell LA See Lindfors KK Hassell LA See Lindfors KK
Hassell P: gastrointestinal manifestations of
neurofibromatosis in children: a report of two
cases, (Radiology), 150: 859, 1984
Hassenbusch S See Kumar AJ
Hassler D; Kohl W: properties of diagnostic pulse
echo ultrasound, (Radiology), 154: 288, 1985
Hassler H See Becker CD Hasso AN See Bird CR Hasso AN See Christiansen EL Hasso AN See Hinshaw DB Jr Hasso AN See Johnson DW Hasso AN See Kieffer SA Hasso AN See Morris RE Hasso AN See Smith DC Hasso AN See Thompson JR Hasso AN: CT of tumors and tumor-like conditions of the paranasal sinuses, (Radiol Clin North Am), 22: 119, 1984 Hasuo K See Carlos R Hasuo K See Carlos R
Hasuo K, Tamura S, Kudo S, Uchino A; Carlos R;
Matsushima T; Kurokawa T; Kitamura K;
Matsushima T; Kurokawa T; Kitamura K;
Matsuura K; Moya Moya disease: use of digital
subtraction angiography in its diagnosis,
(Radiology), 157: 107, 1985
Hatakeyama M See Yoshimura H
Hatam A; Bergstrom M; Noren G: effects of dexamethasone treatment on acoustic neuromas: evaluation by computed tomography, (JCAT), 9: 857, 1985 Hatayama T See Nishimura Y Hatfield M; Shapir J: radiologic manifestations of failed antireflux operations, (AJR), 144: 1209, Hatfield MK; Gross BH; Glazer GM; et al: computed tomography of the sternum and its articulations, (Radiology), 154: 568, 1985 Hathaway WE See Rumack CM Hattnery RR See Johnson CM Hattery RR, Hartman GW, Williamson B: general case of the day, annual meeting, 1985, (Radiographics), 6: 1091, 1986 Hattner RS See Chafetz N Hattner RS See Chafetz N Hattner RS See Engelstad BL Hattner RS See Helms CA Hattner RS; Huberty JP; Engelstad BL; et al: localization of m-iodo(<sup>151</sup>I)benzylguanidine in neuroblastoma, (AJR), 143: 373, 1984 Haueisen DC; Weiner DS; Weiner SD: characterization of "transient synovitis of the hip" in children, (Radiology), 159: 824, 1986 hip" in children, (Radiology),
Hauge HN See Naestad PH
Hauge HN See Nordby A
Haughton VM See Cesarini K
Haughton VM See Graarini K
Haughton VM See Grogan JP
Haughton VM See Hammeke TH
Haughton VM See Hammeke TH
Haughton VM See Janesen IC Haughton VM See Johansen JG Haughton VM See Kilgore DP Haughton VM See Koehler PR Haughton VM See Mark L Haughton VM See Naidich TF Haughton VM See Pech P Haughton VM See Pojunas KW Haughton VM See Ruskin JA Haughton VM See Yenerich DO Haughton VM; Prost R: pituitary fossa: chemical shift effect in MR imaging, (Radiology), 158: 461, 1986 461, 1986
Haughton VM; Rimm AA; Sobocinski KA;
Papke RA; Daniels DL; Williams AL; Lynch R;
Levine R: blinded clinical comparison of MR
imaging and CT in neuroradiology, (Radiology),
160: 751, 1986 Haugland H; Vik-Mo H: aneurysm of the atrial septum: motion pattern in relation to respiratory and cardiac cycles, (JCU), 14: 52, 1986 Hauser H See Vukanovic S Hauser H; Gurret JP: miliary tuberculosis associated with adrenal enlargement: CT appearance, (JCAT), 10: 254, 1986 (ICAT), 10: 234, 1986
Hauser MF See Brown ML
Hauuy MP See Musset D
Havelaar IJ; Sugarbaker PH; Vermess M; et al: rate
of growth of intraabdominal metastases from
colorectal cancer, (Radiology), 154: 859, 1985
Haveman J See Gonzalez DG Haveman J See Gonzalez DG
Hawes RH; Lehman GA; Brunelle RL; et al:
comparative efficacy of colon-cleansing
methods: standard preparation vs. colimmac
lavage, (AJR), 142-309, 1984
Hawke M See Berger G
Hawke M See Naiberg J
Hawker RJ See Chandler ST

Hawkes DJ; Jackson DF; Parker RP: tissue analysis by dual-energy computed tomography, (Br J Radiol), 59: 537, 1986

Hawkes RC See Patz S Hawkey CJ; Amar SS; Daintith HAM; et al: familial varices of the colon occurring without evidence of portal hypertension, (Radiology), 158: 858, 1986

Hawkins DB: lateral sinus thrombosis: sometimes unexpected diagnosis, (Radiology), 159: 574, 1986

Hawkins HB See Cinti D Hawkins HH See Felson B Hawkins HH See Pomeranz SJ Hawkins IF See Hawkins J Hawkins IF See Klinberg I Hawkins IF Jr See Andrews RC Hawkins IF Jr See Caridi JG Hawkins IF Jr See Coffey R Hawkins IF Jr See Hudson TM Hawkins IF Ir See Hunter PT Hawkins IF Jr See McCain AH Hawkins IF JR See McNeely GF Hawkins IF Jr See Pearse DM Hawkins IF Jr See van Schaik JPJ

Hawkins IF Jr; Caridi JG: curved stylus for redirection of the fine-needle guide, (Radiology), 151: 530, 1984 Hawkins IF Jr; Caridi JG: removal of an entangled monofilament with a Chiba needle, (Radiology), 151: 529, 1984

Hawkins IF Jr; Caridi JG; Hawkins MC: snare catheter: a device for placing multiple guide wires, (AJR), 143: 183, 1984

Hawkins IF Jr; Hawkins MC: new deflector handle for catheter exchange, (Radiology), 152: 227, 1984

Hawkins IF Jr; Hunter PT; Leal G; et al: retrograde nephrostomy for stone removal: combined cystoscopic/percutaneous technique, (AJR), 143: 299, 1984 Hawkins J See McCain AH Hawkins J See Mercado S

Hawkins J. Quisling RG; Mickle JP; Hawkins IF: retrievable Gianturco-coil introducer, (Radiology), 158: 262, 1986 Hawkins MC See Caridi JG Hawkins MC See Caridi JG

Hawkins R See Whorwell PA
Hawkins R See Whorwell PA
Hawley RJ; Schellinger D; O'Doherty DS:
computed tomographic patterns of muscles in
neuromuscular diseases, (Radiology), 153: 856,

1984
Hawryluk GA See Gomori AJ
Hawryluk GA See Fallon B
Hawtrey CE See Fallon B
Hawtrey CE See Rosenberg SJ
Hawwood AR: conventional fractionated
radiotherapy for 51 patients with lentigo
maligna and lentigo maligna melanoma,
(Radiology), 154: 572, 1985
Hayabuchi N; Russell WJ; Murakami J; slowstowning lune capergin a fixed population

growing lung cancer in a fixed population sample. radiologic assessments, (Radiology), 151: 543, 1984

151: 943, 1984
Hayakawa K See Araki T
Hayakawa K See Katzberg RW
Hayakawa K See Miller TL
Hayakawa K See Morris TW
Hayashi K See Matsunaga N
Hayashi K See Matsunaga N; et al:
Takayasu's arteritis: decrease in aortic wall

takayasu s arteritis: decrease in aornic wali thickening following steroid therapy, documented by CT, (Br J Radiol), 59: 281, 1986 Hayashi K; Nagasaki M; Matsunaga N; Hombo Z-i; Imamura T: initial pulmonary artery involvement in Takayasu arteritis, (Radiology), 159: 401, 1986

159: 401, 1986
Hayashi M; Kobayashi H; Kawano H; et al: isotope cisternography in patients with intracranial hypertension. (J Nucl Med), 27: 471, 1986
Hayashi N; Tamaki N; Konishi J; et al: sonography of Hashimoto's thyroiditis, (JCU), 14: 123, 1986
Hayashi N; Tamaki N; Yamamoto K; et al: sonography of pseudomyxoma peritonei, (J Ultrasound Med), 5: 401, 1986
Hayashi S See Araki T
Hayath N; See Al-Rahar R

Hayatt N See Al-Bahar R Hayden CK See Fawcett HD

Hayden CK Jr See Clarke E Hayden CK Jr See Swischuk LE Hayden CK Jr; Boulden TF; Swischuk LE; et al: sonographic demonstration of duodenal obstruction with midgut volvulus, (AJR), 143: 9,

1984
Hayden CK Jr; Santa-Cruz FR; Amparo EG;
Brouhard B; Swischuk LE; Ahrendt DK:
ultrasonographic evaluation of the renal
parenchyma in infancy and childhood,
(Radiology), 152: 413, 1984
Hayden CK Jr; Swischuk LE: renal parenchyma in
infancy and childhood: US characteristics: reply,
(Radiology), 157: 837, 1985

Hayden CK Jr; Swischuk LE; Davis M; et al: puddling: a distinguishing feature of adult polycystic kidney disease in the neonate, (AJR), 142: 811, 1984

Hayden CK Jr; Swischuk LE; Fawcett HD; Rytting JE; McCord G: urinary tract infections in childhood: current imaging approach, (Radiographics), 6: 1023, 1986

(Radiographics), 6: 1023, 1986

Hayden CK Jr; Swischuk EE; Lobe TE;
Schwartz MZ; Boulden TF; ultrasound: the
definitive imaging modality in pyloric stenosis,
(Radiographics), 4: 517, 1984
Hayden CK Jr; Swischuk LE; Smith TH;
Armstrong EA: renal cystic disease in
childhood, (Radiographics), 6: 97, 1986
Hayden CK Jr; Toups M; Swischuk LE; et al:
sonographic features of hepatic and amebiasis in
childhood, (Radiology), 155: 855, 1985
Hayden RE See DiSantis DJ
Hayden RE See Glazer HS

Hayden RE See Glazer HS Hayden WG See Kinney TB Hayden WG See Zimmerman JJ Hayes C See Crivello MS Hayes CE See Perman WH

Hayes CE See Perman WH
Hayes D See Agha FP
Hayes E; Weber AL; Davis KR; et al: metastatic
renal cell carcinoma manifesting as a nasal mass:
CT findings, (ICAT), 9: 387, 1985
Hayes FA; Thompson EI; Hvizdala E; et al:
chemotherapy as an alternative to laminectomy
and radiation in the management of epidural
tumor, (Radiology), 153: 273, 1984
Hayes JM See Harned RK
Hayes JR See Shore RM
Hayes M See Dennis MS
Haykal HA See Dennis MS
Haykal HA See Wang A-M
Hayman LA See Hersellink JR

Hayman LA See Berman SA
Hayman LA See Hesselink JR
Hayman LA See Meyer JE
Hayman LA See Pagani JJ
Hayman LA; Pagani JJ; Serur JR; et al:
impermeability of the blood-brain barrier to
intravenous high-iodine-dose meglumine
diatrizoate in the normal dog, (AJNR), 5: 409,

Hayne LA See vanSonnenberg E Haynes JW; Brewer WH; Walsh JW: focal fat

necrosis presenting as a palpable add ninal necrosis presenting as a palpable abdominal mass: CT evaluation, (JCAT), 9: 568, 1985. Haynes JW; Miller PR, Steiger Z, Leichman LP; Kling GA: Celestin tube use: radiographic manifestations of associated complications, (Radiology), 150: 41, 1984.

Haynes T See Smith JA Jr Haynie CC See Cope JR Haynie TP See Blacher E Haynie TP See Kim EE Haynie TP See Libshitz HI Haynie TP See McKenna RJ Jr Haynie TP See Woods DM

1984

Haynor DR See Shuman WP Haynor DR, Borning AW; Griffin BA; Jacky JP; Kalet IJ; Shuman WP: radiotherapy planning: direct tumor location on simulation and port films using CT. part I. principles, (Radiology), 138: 537, 1986

158: 537, 1986
Haynor DR; Mack LA; Soules MR; Shuman WP;
Montana MA; Moss AA: changing appearance
of the normal uterus during the menstrual
cycle: MR studies, (Radiology), 161: 459, 1986
Haynor DR; Shuman WP; double contrast CT
arthrography of the glenoid labrum and
shoulder girdle, (Radiographics), 4: 411, 1984
Haynor II See Miller JH
Hayward C; transfontanellar ultrasound of term

shoulder girdle. (Radiographics). 4: 411, 1984
Hayward C: transfontanellar ultrasound of term
infants. (Radiology). 155: 549, 1985
Hazra TA See Ali MM
Hazra TA See Kersh CR
Heading RC See King PM
Heal A See Al-Sheikh W
Healton EB See Dobkin JF
Healty J See Woolridge JD
Healty JF: false sulcus: an early sign of intracranial
mass. (Radiology). 150: 865, 1984
Healty JH; Vigorita VJ; Lane JM: coexistence and
characteristics of osteoarthritis and osteoporosis,
(Radiology), 157: 280, 1985
Healy ME; Teng SS; Moss AA: urniferous
pseudocyst: computed tomographic findings,
(Radiology), 153: 757, 1984
Healy WL See Owen RS
Heard JG See Miller WC
Hearshen DO; Ellis JH; Carson PL; Shreve P;
Aisen AM: boundary effects from opposed
magnetization artifact in IR images, (Radiology),
160: 543, 1986
Heaston DK See Miller GA Jr

Heaston DK See Miller GA Jr Heater K; Revzani L; Rubin JM: CT evaluation of empyema in the postpneumonectomy space, (AJR), 145: 39, 1985

Heavey LR; Glazer GM; Gross BH; et al: role of CT in staging radiographic T<sub>1</sub>N<sub>0</sub>M<sub>0</sub> lung cancer, (AJR), 146: 285, 1986

(A)R), 146: 289, 1986 Hebert G See Baines CJ Hebert G; Carrier R; McFarlane DV; et al: guidelines for detection of breast cancer: an update on investigative methods. a report of the Ad Hoc Committee on Mammography of the Canadian Association of Radiologists, (Radiology), 153: 563, 1984

Hecht JT; Butler IJ; Scott CI Jr: long-term neurological sequelae in achondroplasia, (Radiology), 156: 858, 1985

Hecht 5 See Dooms GC Hecht-Leavitt C; Gomori JM; Grossman RI; et al: high-field MRI of hemorrhagic cortical infarction, (AJNR), 7: 581, 1986

Hedberg SE See Richter JM Hederstrom E See Akesson A Hederstrom E See Lundstedt C Hedgcock MW See Hricak H Hedley-Whyte ET See Jones HR Jr Hedley-Whyte ET See Lehrich JR Hedlund LW See Chiles C Hedlund LW See Tarver RD

Hedlund LW; Deitz J; Nassar R; et al: ventilator for magnetic resonance imaging, (Invest Radiol), 21: 18, 1986

Hedlund LW, Vock P; Effmann EL; et al: hydrostatic pulmonary edema. an analysis of lung density changes by computed tomography, (Radiology), 155: 284, 1985 Hedlund LW, Vock P; Effmann EL; et al:

morphology of oleic acid-induced lung injury, (Radiology), 157: 848, 1985

Hedvall SE See Crowley SF Heelan R See Martini N Heelan R See Martini N
Heelan RT See Zerhouni EA
Heelan RT; Flehinger BJ; Melamed MR;
Zaman MB; Perchick WB; Caravelli JF;
Martini N: non-small-cell lung cancer: result
of the New York screening program.
(Radiology), 151: 289, 1984
Heelan RT; Martini N; Westcott JL; Bains MS;
Watson RC; Caravelli JF; Berkman YM;
Henschke CI; McCormack PM;
McCaughan BC; Zaman MB: carcinomatous
involvement of the hilum and mediastinum:
computed tomographic and magnetic resonal

computed tomographic and magnetic resonance evaluation, (Radiology), 156: 111, 1985

Heeney DI See Lyon I Heer M; Pirovino M; Buhler H; et al: diabetic megacolon—a rare late complication, (Radiology), 150: 611, 1984 Heffelfinger D See Rifkin MD

Heffernan LRPM See Holness RO

Hegedus L See Karstrup S Hegedus V; Raaschou HO: radiologically guided dilatation of stenotic gastroduodenal anastomosis, (Gastrointest Radiol), 11: 27, 1986

Heger L; Wulff K: computed tomography of the calcaneus: normal anatomy, (AJR), 145: 123,

Heger L; Wulff K; Seddiqi MSA: computed tomography of calcaneal fractures, (AJR), 145: 131, 1985

Hegge JO See Swanson DK Heggen WD See Hartshorne MF Heiberg E See Wolverson MK Heiberg E; Wolverson MK: CT of traumatic injuries of the aorta, (Semin US CT MR), 6: 172, 1985

of the aorta, (Semin US CT MR), 6: 172, 1985

Heiberg E; Wolverson MK: pisilateral decubitus
position for percutaneous CT-guided adrenal
biopsy, (JCAT), 9: 217, 1985

Heiberg E; Wolverson MK; Sundaram M; et al: CT
characteristics of aortic atherosclerotic
aneurysm versus aortic dissection, (JCAT), 9: 78,
1985

Heiberg E; Wolverson MK; Sundaram M; et al: CT findings in leukemia, (AJR), 143: 1317, 1984 Heidelberger E; Petersen SB; Lauterbur PC: aspects of cardiac diagnosis using synchronized NMR imaging, (Radiology), 151: 829, 1984

imaging, (Radiology), 151: 829, 1984 Heier L; Danement A; Lowden JA; et al: biliary disease in metachromatic leukodystrophy, (Radiology), 151: 548, 1984 Heier LA; Saibil EA; Blair G; et al: angiographic demonstration of an aorto-left renal vein fistula, (Radiology), 156: 629, 1985 Heiken JP See Glazer HS

Heiken JP See Katz ME Heiken JP See Lee JKT Heiken JP See Ling D Heiken JP See Schwimn Heiken JP See Smathers RL Heiken JP See Ward MP Heiken JP See Weinstein JB

Heiken JP See Worthington JL Heiken JP; Balfe DM; Picus D; Scharp DW: radical pancreatectomy postoperative evaluation by CT, (Radiology), 153: 211, 1984

heiken JP; Balfe DM; Roper CL: CT evaluation after esophagogastrectomy, (AJR), 143: 555, 1984 Heiken JP; Lee JKT; Dixon WT: fatty infiltration of the liver: evaluation by proton spectroscopic imaging, (Radiology), 157: 707, 1985

Heiken JP; Lee JKT; Glazer HS; Ling D: hepatic metastases studied with MR and CT, (Radiology), 156: 423, 1985

Heiken JP; Lee JKT; Smathers RL; et al: CT of benign soft-tissue masses of the extremities, (AJR), 142: 575, 1984

Heiken JP; McClennan BL; Gold RP: renal lymphoma, (Semin US CT MR), 7: 58, 1986 Heiken JP; Zuckerman GR; Balfe DM:

hypertrophied anal papilla: recognition on air-contrast barium enema examinations, (Radiology), **151:** 315, 1984

Heilbron D See Stark DD Heilman CB See Kerber CW Heilman KM See Coslett HB Heilman RS See Shuman WP Heilweil M See Huvos AG Heindel W See Huk W

Heindel W; Friedmann G; Bunke J; et al: artifacts in MR imaging after surgical intervention, (JCAT), 10: 596, 1986

Heinrichs L See Hricak H Heinsimer JA See Foster WL Jr Heintzen PH See Bursch JH

Heinz ER See Yeates AE

Heinz ER; Fuchs J; Osborne DR; et al: examination
of the extracranial carotid bifurcation by thinsection dynamic CT: direct visualization of
intimal atheroma in man (part 2), (AJNR), 5: 361,

Heinz ER; Pizer SM; Fuchs H; et al: examination of the extracranial carotid bifurcation by thin-section dynamic CT: direct visualization of intimal atheroma in man (part 1), (AJNR), 5: 355,

Heinz ER; Yeates A; Burger P; et al: opacification of epidural venous plexus and dura in evaluation of cervical nerve roots: CT technique, (AJNR), 5: 621, 1984

Heiss FH; Tarshis A; Ellis FH Jr: carcinoma associated with achalasia: occurrence 23 years after esophagomyotomy, (Radiology), 156: 264,

Heiss W-D; Herholz K; Pawlik G; et al: positron emission tomography for quantitative imaging of regional metabolism in the brain, (Radiology), 154: 563, 1985

Heitman T See Elejalde BR Heitzman ER See Chew FS Heitzman ER See Jones MD Heitzman ER See Raasch BN

Heitzman ER: Sex Aasch BN Heitzman ER: Stanley S. Siegelman, M.D., new Editor, Radiology, (Radiology), 156: 251, 1985 Heitzman ER; Buenger RE: socioeconomic and ethical issues in medicine: toward understanding and dialogue, (Radiology), 159: 282, 1986 282 1986

282, 1986
Heizel MY, Betz H; Gladziwa U; et al: sonographic measurement of the width of the spinal canal: comparison with CT, myelography and conventional radiography of the lumbar spine, (Radiology), 157: 862, 1985

(Radiology), 157: 862, 1985

Hekali P: imaging of the peripheral vascular system, (Radiology), 156: 210, 1985

Hekali P: Kivisaari L; Standertskjold-Nordenstam C-G; et al: renal complications of polyarteritis nodosa: CT findings, (JCAT), 9: 333, 1985

Hekster REM See Fagel WJ

Helfer RE; Scheurer SL; Alexander R; et al: trauma to the bones of small infants from passive exercise: a factor in the etiology of child abuse, (Radiology), 152: 852, 1984

Helfgott R See Kurtz D

Helgenberger H: sectional planes of sonographic

Helgenberger H: sectional planes of sonographic upper abdomen diagnosis, (Radiology), 150: 297, 1984

Helias A See Martin N Helias A See Martin N
Helle TL; Britt RH; Colby TV: primary lymphoma
of the central nervous system.
clinicopathological study of experience at
Stanford, (Radiology), 152: 854, 1984
Hellenbrand WE See Markowitz RI
Heller GV See Brown KA

Heller H; Braitinger S; Petsch R; et al: disk processes in MR, (Eur J Radiol), 6: 59, 1986

Heller HA See Harrington H Heller HJ See Reiser M

Heller M See Crone-Munzebrock W Heller M See Crone-Munzebrock W Heller RM; Dominguez R; Ertel IJ; Winfield AC; Kirchner SG: review of the unusual appearance or atypical location of osteogenic sarcoma in childhood, (Radiographics), 4: 507, 1984 Heller SL; Scharf SC; Hardoff R; et al: cinematic

display of respiratory organ motion with impedance techniques, (Radiology), **157**: 575, 1985

Heller ST See Samuels BI Heller VL See Lewis BD Hellerstein HK See Lieberman JM Hellman J See Soto G Hellman RS See Collier BD

Hellman RS; Nowak D; Collier BD; Isitman A; Eisner RL: evaluation of distance-weighted SPECT reconstruction for skeletal scintigraphy, (Radiology), 159: 473, 1986 Hellmann DB; Helms CA; Genant HK; chronic reputifying trumps, a guest of straigal

repetitive trauma: a cause of atypical degenerative joint disease, (Radiology), 154: 556, 1985

Hellquist H See Klintenberg C

Hellstrom I See Larson SM
Hellstrom KE See Larson SM
Hellstrom M; Hjalmas K; Jacobsson B; et al:
ureteral diameter in low-risk vesicoureteral
reflux in infancy and childhood, (Acta Radiol
[Diagn], 27: 77, 1986
Hellum K See Sand T
Helman CA See Gillespy T III
Helms CA See Hellmann DB
Helms CA See Hellmann DB
Helms CA See Holdick WK

Helms CA See Hoddick WK Helms CA See Onik G Helms CA See Richardson ML

Helms CA See Vichardson ML Helms CA See Vogler JB III Helms CA See Wing VW Helms CA; Gillespy T III; Sims RE; et al: magnetic resonance imaging of internal derangement of the temporomandibular joint, (Radiol Clin North Am), 24: 189, 1986

North Am), 24: 189, 1986
Helms CA; Goodman PC; Jeffrey RB Jr: use of
computed tomography in congenital dislocation
of the hip, (Radiology), 152: 55: 1984
Helms CA; Hattner RS; Vogler JB III: osteoid
osteoma: radionuclide diagnosis, (Radiology),
151: 779, 1984

Helms CA; McCarthy S: CT scanograms for measuring leg length discrepancy, (Radiology), 151: 802, 1984

Helms CA; 1764

Helms CA; Sims RE: foraminal spurs: normal variant in the lumbar spine, (Radiology), 160: 153, 1986

133, 1996
ms CA; Vogler JB III; Morrish RB Jr;
Goldman SM; Capra RE; Proctor E:
temporomandibular joint internal
derangements: CT diagnosis, (Radiology), 152:
459, 1994

Helzel T See Frahm J Helizel 1 See Franm J Hembree JL See Teng MMH Hemingway A See Collier NA Hemingway AP See Adam A Hemingway AP See Jeffree MA Hemmati M See Patel DV

Hemmingbyth See Johansen JG
Hemmingsson A; Jung B; Ytterbergh C: dual energy
computed tomography: simulated
monoenergetic and material-selective imaging,
(JCAT), 10: 490, 1980

(ICA1), 10: 490, 1700 Hemmy DC; Tessier PL: CT of dry skulls with craniofacial deformities: accuracy of three-dimensional reconstruction, (Radiology), 157:

Handle Ha quantitative fluorescence cytology, (Radiology), 154: 863, 1985

Hendee WR See Hendrick RE Hendee WR See Shore RM Hendee WR: disposal of low-level radioactive wastes, (Semin Nucl Med), 16: 184, 1986

Hendee WR: management of individuals accidentally exposed to radiation or radioactive materials, (Semin Nucl Med), 16: 203, 1986

Hendee WR; Edwards FM: ALARA and an integrated approach to radiation protection, (Semin Nucl Med), 16: 142, 1986

Henderson D See Lever AML Henderson DK; Saah AJ; Zak BJ; et al: risk of nosocomial infection with human T-cell lymphotropic virus type III/lymphadenopathy-associated virus in a large cohort of intensively exposed health care workers, (Radiology), 161: 283, 1986

Henderson JM See Bernardino ME
Henderson JM See Potts JR III
Henderson JM; El Khishen MA; Millikan WJ; et al:
management of stenosis of distal splenorenal
shunt by balloon dilatation, (Radiology), 151: 546 1984

Henderson LM; Aghamohammadi SZ; Arlett CF; et al: lack of discernible effect of diagnostic ultrasound on the chromosomes of cord blood lymphocytes exposed in utero, (Br J Radiol), 59: 499, 1986

Henderson I.T; Denneny JC III; Teichgraeber J: airway-obstructing epiglottic cyst, (Radiology), 161: 861, 1986

Henderson RG See Pring DJ Henderson SD See Abrath FG

Henderson SD See Abrath FG
Hendin AS: gestational trophoblastic tumors
metastatic to the lung. radiologic-clinical
correlations, (Radiology), 152: 249, 1984
Hendler BH See Swartz III
Hendrick BH See Hoffman HJ
Hendrick BE, Nelson TR; Hendee WR: optimizing
tissue contrast in magnetic resonance imaging,
(Radiology), 157: 285, 1985
Hendrick RE; Newman FD; Hendee WR: MR
imaging technology: maximizing the signal-tonoise ratio from a single tissue, (Radiology), 156:
749, 1985

Hendrickson F; Lee MS; Larson M; et al: influence of surgery and radiation therapy on patients with brain metastases, (Radiology), 153: 283,

Hendrickx AG See Nyland TG Hendriks JHCL See Holland R Hendriks MJ See Feldberg MAM Hendrix RW See Fisher MR Hendry GMA See Adam R

Hendry GMA See Kenney IJ
Hendry JH See Chen F-d
Heneghan MA; Sosulski R; Baquero JM: persistent
pulmonary abnormalities in newborns:
changing picture of bronchopulmonary
dysplasia, (Pediatr Radiol), 16: 180, 1986

dysplasia, (Pediatr Radiol), 16: 180, 1986
Hengerer AS; DeGroot TR; Rivers RJ IJ; et al:
internal carotid artery thrombosis following soft
palate injuries: case report and review of 16
cases, (Radiology), 157: 572, 1985
Henkelman RM See Li KC
Henkelman RM See Oon PY
Henkelman RM See Smith MR
Victoria DM, Usada P, Pagna PY, Reanskill MI:

Henkeiman RM; Hardy P; Poon PY; Bronskill MJ: optimal pulse sequence for imaging hepatic metastases, (Radiology), 161: 727, 1986 Henkes JL See Schenck JF

Henkin R See Bufalino VJ Hennerici M See Schwartz A

Hennerici M; Freund H-J: efficacy of CW-Doppler and duplex system examinations for the evaluation of extracranial carotid disease, (Radiology), 153: 859, 1984 Hennessy OF; Gibson RN; Allison DJ: therapeutic ureteric embolisation, (Radiology), 156: 566,

Hennessy OF; Gibson RN; Allison DJ: use of giant steel coils in the therapeutic embolization of a superior mesenteric artery-portal vein fistula, (Cardiovasc Intervent Radiol), 9: 42, 1986

Hennig J; Friedburg H; Strobel B: rapid nontomographic approach to MR myelography without contrast agents, (JCAT), 10: 375, 1986 Hennig RC See Hirji MK

Hennig RC See Johnson MA Hennig RC; Wilson SR: suprapubic sonographic detection of prostate carcinoma, (Radiology), 158: 287, 1986

Hennigan HW Jr See DuBose TJ Hennigan HW Jr; DuBose TJ: sonography of the normal female urethra, (AJR), 145: 839, 1985 Henning A See Kirschberger R Henriet J-P See Courtheoux P

Henriksen L See Shirahata N

Henrikson GC See Mafee MF Henrikson GC; Patel DV: enhancing cerebral infarction simulating arteriovenous malformation on computed tomography, (JCAT), 9: 502, 1985

(ICAL), 9: 502, 1985

Henry DA; Kiser PE; Scheer CE; Cho S-R;

Tisnado J; multiple imaging evaluation of sarcoidosis, (Radiographics), 6: 75, 1986

Henry DA; LeBolt S: invasive hemodynamic monitoring: radiologist's perspective, (Radiographics), 6: 535, 1986

Henry GW See Frantz EG

Henry Les Bourgenis P.

Henry J See Bourgeois P

Henry RE: personal computers: their use in a low-volume imaging department, (AJR), 146: 1302, 1986

Henry RL; Mellis CM; Benjamin B: pseudomembranous croup, (Radiology), 151: 262, 1984

Henry-Amar M See Vanel D Henschke CI See Heelan RT Henschke CI See Olson LK

Henschke CI See Olson LK
Henschke CI See Westcott JL
Henschke CI See Westcott JL
Henschke CI; Ellis SG; Risser TA; et al: quantitative
analysis of left ventricular function: pre- and
postischemic two-dimensional
echocardiography in dogs. (AJR), 143: 537, 1984

echocardiography in dogs. (AJR), 143: 537, 1984
Henschke CI; Riser TA; Sandor T; et al: quantitative
computer-assisted analysis of left ventricular
wall thickening and motion by 2-dimensional
echocardiography in acute myocardial
infarction, (Radiology), 152: 264, 1984
Hensche CI; Teele RL: cholelithiasis in children:
recent observations, (Radiology), 152: 851, 1984
Hensinger RN See Greene TL

Hensinger RN; DeVitor PD; Ragsdale CG: changes in the cervical spine in juvenile rheumatoid arthritis, (Radiology), 160: 573, 1986 Hensley EK See Orecchia PM

Hensley GT See Post MJD Hensley KS See Templeton AW Henson J See Goddard P Henze E See Schwaiger M

Henze E; Tymiec A; Delagardelle C; et al: specification of regional wall motion abnormalities by phase analysis of radionuclide angiograms in coronary artery disease and non-coronary artery disease patients, (J Nucl Med), 27: 781, 1986

Hepfner ST See Ball JB Jr Hepworth RC; Milstein JM: transected urachus: an unusual cause of neonatal ascites, (Radiology), 154: 276, 1985

Herba Herba MI See Casola G Herba MJ See Gagnon RF Herba MJ; Casola G; Bret PM; et al: cholangiocarcinoma as a late complication of choledochoenteric anastomoses, (AJR), 147: 513, Herbert DE: perceived clinical value of NMR measurements on biopsy specimens. part I. interval estimates of diagnostic error rates and a note on an effect of the law of small numbers, (Magn Res Imag), 4: 215, 1986 Herbert DL See Burk DL Jr Herbert DL See Gur D
Herbert R See Kidambi H
Herbert SG: abdominal ultrasonography. 2d ed., (Radiology), 155: 776, 1985 Herbig FK See Lin MS Herbold DR See Archer CR Herbold DR See Salimi Z Herbold DR See Sainm Z Herbold DR See Sundaram M Herbst CP See van Aswegen A Herbst J See King DL Herer AS See Peters VG Herre AS See Peters VG Herfkens R See Drayer BP Herfkens RJ See Daniels DL Herfkens RJ See Higgins CB Herfkens RJ See Johnson GA Herfkens RJ See Kereiakes DJ Herfkens RJ See Kier R Herfkens RJ See Lanzer P Herrholz K See Heiss W-D Herholz K; Pawlik G; Wienhard K; et al: computer assisted mapping in quantitative analysis of cerebral positron emission tomograms, (JCAT), 9: 154, 1985 Hering ER: investigation of changes in relative biological effectiveness (RBE) with depth for x ray beams generated between 100 and 250 kVp using the mouse foot as biological test system, (Int J Radiat Oncol Biol Phys), 12: 815, 1986 Herlinger H See Caroline DF Herlinger H See Coscina WF Herlinger H See Lammer J Herlinger H See Levine MS Herlinger H See Rubesin SE Herlinger H; Maglinte DDT: jejunal fold separation in adult celiac disease: relevance of enteroclysis, (Radiology), 158: 605, 1986 (Radiology), 158: 605, 1986
Herlinger H; O'Riordan D; Saul S; Levine MS:
nonspecific involvement of bowel adjoining
Crohn disease, (Radiology), 159: 47, 1986
Herman EM See Lambie RW
Herman GT: three-dimensional display of computed
tomographic scans, (Radiology), 151: 805, 1984
Herman GT; Vose WF; Gomori JM; Gefter WB:
stereoscopic computed three-dimensional
surface displays, (Radiographics), 5: 825, 1985
Herman JG See Garrett PG
Herman LJ See Beltran J
Herman PG See Khan A Herman PG See Khan A Herman PG See Todo G Herman S See Warde P Herman SD; Friedman AC; Radecki PD; et al:

incidental prostatic carcinoma detected by MRI and diagnosed by MRI/CT-guided biopsy, (AJR), 146: 351, 1986 Herman T See Hernanz-Schulman M Herman TE See Cleveland RH Herman TE See Kushner DC Herman TE; Cleveland RH; Kushner DC; et al: CT of neonatal herpes encephalitis, (AJNR), 6: 773, 1985

Herman TE; Cleveland RH; Kushner DC: pelvic kidney in cloacal exstrophy, (Pediatr Radiol), 16: 306, 1986

Hermann G See Rose JS

Hermann G; Goldblatt J; Desnick RJ: Kummell disease: delayed collapse of the traumatised spine in a patient with Gaucher type 1 disease, (Radiology), 155: 851, 1985

Hermann G; Mendelson DS; Cohen BA; et al: role of computed tomography in the diagnosis of infectious spondylitis, (Radiology), 152: 860, 1984 Hermann G; Rose JS; Strauss L: tumor infiltration of the bone marrow: comparative study using computed tomography, (Radiology), **154**: 567, 1985 Hermann G; Yeh H-C; Gilbert MS: computed tomography and ultrasonography of the hemophilic pseudotumor and their use in surgical planning, (Skeletal Radiol), 15: 123, Hermann G; Yeh H-C; Schwartz IS: computed Hermann G; Yeh H-C; Schwartz IS: computed tomography of soft-tissue lesions of the extremities, pelvic and shoulder girdles: sonographic and pathological correlations, (Radiology), 154: 282, 1985

Hermans J See de Roos A

Hermans J See Vellenga CJLR

Hermanus N See Schils J

Hermandez E See Shiels WE

Hernandez RJ See Karoll M

Hernandez RJ: concentity reduction of the

20: 121, 1985

Hernanz-Schulman M; Kirkpatrick J Jr;
Shwachman H; Herman T; Schulman G;
Vawter GF: pneumatosis intestinalis in cystic
fibrosis, (Radiology), 160: 497, 1986

Hernanz-Schulman M; Teele RL; Perez-Atayde A;
Zollars L; Levine J; Black P; Kuligowska E:
pancreatic cystosis in cystic fibrosis,
(Radiology), 158: 629, 1986

Hernanz-Schulman M; Welch K; Strand R; et al:
acoustic neuromas in children, (AJNR), 7: 519,
1986

Herndon IH See Preschal CM Herndon JH See Pueschel SM
Herndon JH See Simon JH
Hernigou A; Plainfosse MC; Meran S; et al: value of
ultrasonography in the diagnosis of hydatid
cysts of the heart. five cases, (Radiology), 152:
864, 1984 604, 1904 Heron C See Dawson P Heron CW See Grant DS Heros RC See Borges LF Herpels V See Bulcke JAL Herpels V See Bulcke JAL
Herr HW: preoperative irradiation with and without
chemotherapy as adjunct to radical cystectomy,
(Radiology), 156: 572, 1985
Herrera MA See Mercado S
Herrick WC See Mandell GA
Herring MB; Russ M; Benge C; et al: comparison of
Doppler flow measurements, ultrasonic and
arteriographic imaging in the evaluation of
stenoses of the carotid artery, (Radiology), 154:
857, 1985 857, 1985 857, 1985
Herrlin K; Ekelund L; Sunden G: radiologic and clinical evaluation of Harrington instrumentation in the injured dorsolumbar spine, (Radiology), 152: 843, 1984
Herrod HG See Fitch S]
Herscovitch P See Ter-Pogossian MM
Hersey P: immunological effects of radiation from solarium lamps and the sun, (Radiology), 151: 565, 1984 Solarios Language San Ches Cologo, 1934

Hersh JH; Podruch PE; Rogers G; et al: toluene embryopathy. (Radiology), 158: 284, 1986

Hershey CO; Hershey LA; Varnes A; et al: cerebrospinal fluid trace element content in dementia: clinical, radiologic, and pathologic correlations, (Radiology), 152: 557, 1984

Hershey LA See Hershey CO

Herskovic AM See Engler MJ

Herskowitz J; Rosman NP; Wheeler CB: colpocephaly: clinical, radiologic, and pathogenetic aspects, (Radiology), 161: 864, 1986

Hertle L See Schulze H

Hertz M See Garniak A

Hertz M See Fagelman D

Hertzanu Y See Glass RBJ

Hertzanu Y See Mendelsohn DB Hertzanu Y See Mendelsohn DB Hertzanu Y; Mendelsohn DB; Firer P: calcified bodies in a giant Baker cyst. a case report, (Radiology), 154: 849, 1985 Hertzanu Y; Mendelsohn DB; Gottschalk F: Hertzanu Y; Mendelsohn DB; Gottschalk F: aneurysmal bone cyst of the calcaneus, (Radiology), 151: 51, 1984 Hertzanu Y; 50dmon A: inversion of the right diaphragm: thoracoabdominal CT pitfall, (Gastrointest Radiol), 11: 200, 1986 Hertzberg BS; Chiles C; Ravin CE: right atrial appendage pacing: radiographic considerations, (AJR), 145: 31, 1985 Hertzberg BS; Kurtz AB; Wanner RI; et al. Hertzberg BS; Kurtz AB; Wapner RJ; et al: gestational trophoblastic disease with coexistent normal fetus: evaluation by ultrasound-guided chorionic villus sampling, (J Ultrasound Med), 5: 467, 1986 Hertzberg BS; Mahony BS; Bowie JD; et al: sonography of an intratesticular lipoma, (J Ultrasound Med), 4: 619, 1985 Ultrasound Med). 4: 619, 1985
Hertzberg V See Maxon HR
Hertzberg VS See Brott TG
Herva R See Seppanen U
Herva R; Seppanen U: multisynostotic
osteodysgenesis, (Radiology), 156: 276, 1985
Herve P See van Waes PFGM
Hery M See Bruneton JN
Herzberg DL See Noss PJ
Herzberg L See Lee BCP
Herzer M See Starck EE
Herzer W See Runge VM Herzer WA See Runge VM Hesemann C See Buonocore E Hesp R See Bydder GM Hess J; Kruizinga K; Bijleveld CMA; et al: protein-losing enteropathy after Fontan operation, (Radiology), 156: 263, 1985 Hess ML See Simon DC Hess ML; Cunningham JJ: effect of examination time of day on the quality of real-time cholesonograms, (AJR), 143: 251, 1984

Hernanz-Schulman M See Taylor GA
Hernanz-Schulman M; Dohan FC Jr; Jones
TB; et al: sonographic appearance of callosal
agenesis: correlation with radiologic and
pathologic findings. (AJNR), 6: 361, 1985
Hernanz-Schulman M; Fellows KE: persistent
truncus arteriosus: pathologic, diagnostic and
therapeutic considerations, (Semin Roentgenol),
20: 121, 1985 Hessel SJ See Levy JM
Hesselink JR See Aaron JO
Hesselink JR See Bachow TB
Hesselink JR See Goodsitt MM Hesselink JR; Chang KH; Chung KJ; et al: flow analysis with digital subtraction angiography: 1 description of a simplified flow model, (AJNR), 7: 423 1986 Hesselink JR; Chang KH; Chung KJ; et al: flow analysis with digital subtraction angiography: 2. acquisition and accuracy of transit-flow measurements, (AJNR), 7: 427, 1986 Hesselink JR; Hayman LA; Chung KJ; McGinnis BD; Davis KR; Taveras JM: myocardial ischemia during intravenous DSA in patients with cardiac disease, (Radiology), 153: 577, 1984 Hesselink JR; Teresi LM; Davis KR; et al: intravenous digital subtraction angiography of arteriosclerotic vertebrobasilar disease, (AJR), 142: 255, 1984 142: 255, 1984

Hessler C; Depeursinge C; Grecescu M; Pochon Y;
Raimondi S; Valley JF: objective assessment of
mammography systems, part II:
implementation, (Radiology), 156: 221, 1985

Hessler C; Depeursinge C; Grecescu M; Pochon Y;
Raimondi S; Valley JF: objective assessment of
mammography systems, part I: method,
(Radiology), 156: 215, 1985

Hessov I See Enig B

Hester TR See McConnel FMS

Heubes P See Huber DJ

Heuck FHW: Treugut H: "femoral head pecrosis" in Heubes P See Huber DJ Heuck FHW, Treugut H: "femoral head necrosis" in metabolic and hormonal osteopathies—a radiological-morphological analysis, (Radiology), 154: 849, 1985 Heuck H; Buck J: rare localizations of Paget's disease in the skeleton, (Radiology), 155: 852, Heuser L See Niehues B Hew JM See Kool LJS Hewes R See Kinnison ML Hewes RC See Sauser DD Hewes RC; White RI Jr; Murray RR; et al: long-term results of superficial femoral artery angioplasty, (AJR), 146: 1025, 1986 angioplasty, (AJK), 146: 1025, 1986
Hewitt IK, Stefanidis C, Reilly BJ; et al: renal
osteodystrophy in children undergoing
continuous ambulatory peritoneal dialysis,
(Radiology), 152: 555, 1984
Hewitt P See Dawson P
Hey EN See Morrell P Heydenrych JJ; Warren B: unusual presentation of carcinoma of the colon in a child, (Radiology), 154: 276, 1985 Heyder N; Lutz H; Lux G: diagnostic ultrasound via the gastroscope, (Radiology), 151: 274, 1984 Heyman S See McCarthy KE Heyman S See Mandell GA Heyman S See Noel AW Heyman S See Sandler MS Heyman S See Sherman NH Heyman S See Weingrad T Heyns AdP See Lotter MG Heystraten FM; Rosenbusch G; Kingma LM; et al: chronic posttraumatic aneurysm of the thoracic aorta: surgically correctable occult threat, (AJR), 146: 303, 1986 Heywang SH; Fenzl G; Hahn D; et al: MR imaging of the breast: comparison with mammography and ultrasound, (JCAT), 10: 615, 1986 Heywang SH; Hahn D; Schmidt H; et al: MR imaging of the breast using gadolinium-DTPA, (JCAT), 10: 199, 1986 Heywang SH; Lipsit ER; Glassman LM; et al: specificity of ultrasonography in the diagnosis of benign breast masses, (Radiology), 155: 862, Hezmall HP; Flechner SM; Sandler CM: controlled endoscopic retrieval of ectopic ureteral catheters using fluoroscopic guidance, (Radiology), 158: 569, 1986 Hiams B See Dorne HL Hiatt IM See Anwar M Hibri NS See Ramirez H Jr Hick P See Reneman RS Hickey DS See Checkley DR Hickey DS See Zhu XP Hickey D5; Checkley D; Aspden RM; et al: method for the clinical measurement of relaxation times in magnetic resonance imaging, (Br J Radiol), 59: 565, 1986 Hickey NM See Fraser RG Hickey NM See Niklason LT Hickey WF See Lipton SA Hickingbotham D See Sternberg P Jr Hicks BH See Ayres JG Hicks DG See Perry JC Hicks IP See Barter SG Hicks IP; Carr DH: pain in the hand in the presence of mediastinal mass, (Br J Radiol), 59: 77, 1986

Hess T See Roesler H Hesse B See Hartling OJ Hessel SJ See Baumstark A

Hernandez RJ: concentric reduction of the dislocated hip: computed-tomographic evaluation, (Radiology), **150**: 266, 1984

Hicks ME See Becker GJ Hicks ME; Kreipke DL; Becker GJ; Edwards MK; Holden RW; Jackson VP; Bendick PJ; Kuehn DS: cerebroascular disease: evaluation with transbrachial intraarterial digital subtraction angiography using a 4-F catheter, (Radiology), 161: 545, 1986 Hicks SM See Mindelzun RE Hicks SP See Bowerman RA Hidayat AA; Cameron JD; Font RL; et al: angiolymphoid hyperplasia with eosinophilia riudyat AA; Cameron JU; Font RU; et al: angiolymphoid hyperplasia with eosinophilia (Kimura's disease) of the orbit and ocular adnexa, (Radiology), 151: 552, 1984 Hide TAH See Jackson IT Hidvegi D See Joseph N Hier DB See Patel DV Hieshima G See Stanley P Hieshima G See Tsai FY Hieshima GB See Feurerman TF Hieshima GB See Flannigan BD Hieshima GB-See Hannigan Br.
Hieshima GB-Higashida RT; Halbach VV; et al:
intravascular balloon embolization of a carotidophthalmic artery aneurysm with preservation
of the parent vessel. (AJNR), 7: 916, 1986
Hietanen P. chest radiography in the follow-up of
breast cancer, (Acta Radiol [Oncol]), 25: 15, 1986 Higa T See Ikekubo K Higashida RT See Hieshima GB Higashida RT See King W III Higashida Y See Chan H-P Higashida Y See Takahashi M Higashida Y See Takahashi M Higashihara T See Ikezoe J Higashino SM See von Schultless GK Higer HP See Rinck PA Higgins CB See Amparo EG Higgins CB See Crooks LE Higgins CB See Didler D Higgins CB See Dooms GC Higgins CB See Ehman RL Higgins CB See Fisher MR Higgins CB See Gerber KH Higgins CB See Gerber KH
Higgins CB See Hackney D
Higgins CB See Hale JD
Higgins CB See Hale JD
Higgins CB See Hricak H
Higgins CB See Justich E
Higgins CB See Lanzer P
Higgins CB See Lanzer P
Higgins CB See McCarthy SM
Higgins CB See McCarthy SM
Higgins CB See McNamara MT
Higgins CB See McNamara MT
Higgins CB See McNamara MT Higgins CB See Nancarrow PA Higgins CB See Revel D Higgins CB See Schmidt HC Higgins CB See Sechtem U Higgins CB See Soulen RL Higgins CB See Stark DD Higgins CB See Stark DD Higgins CB See Valk PE Higgins CB See Valk PE Higgins CB See von Schulthess GK Higgins CB See Wesbey GE Higgins CB See Winkler ML Higgins CB See Winkler ML

Higgins CB: new horizons in cardiac imaging,
(Radiology), 156: 577, 1985

Higgins CB: overview of MR of the heart—1986,
(AJR), 146: 907, 1986

Higgins CB; Byrd BF II; McNamara MT; Lanzer P;
Lipton MJ; Botvinick EH; Schiller NB;
Crooks LE; Kaufman L: magnetic resonance
imaging of the heart: review of the experience
in 172 subjects, (Radiology), 155: 671, 1985

Higgins CB; Herfkens RJ; Hricak H; et al: nuclear
magnetic resonance imaging of atherosclerosis,
(Radiographics), 4: 137, 1984 Higgins CB; Lanzer P; Stark DD; et al: nuclear magnetic resonance imaging of the cardiovascular system, (Radiographics), 4: 122, Higgins CB; Stark DD; McNamara M; et al: multiplane magnetic resonance imaging of the heart and major vessels: studies in normal volunteers, (AJR), 142: 661, 1984 Higgins RJ See Turowski K Higgins SS See von Schulthess GK Higgins 93 See von Schutness GR Higgins WL, Mace AH: puncture of a nondeflatable Foley balloon using ultrasound guidance, (Radiology, 151: 801, 1984 Higgins WL; Marano GD: gallium imaging of rheumatoid pachymeningitis, (Clin Nucl Med), 11: 350, 1986 High M: medical imaging systems, (Radiology), 153: 458, 1984 Hightower DR See Gooding GAW Hightower DR See Gooding GAW Hightower DR See Wing VW Hightower DR; Laing FC; Jeffrey RB Jr: tandem guide for renal biopsy, (J Ultrasound Med), 4: 441, 1985 Higuchi T See Naruse S Hilal SK See Ganti SR Hilal SK See Ganti SR Hilal SK See Geard CR Hilal SK See Lanzieri CF Hilal SK See Lee SW Hilal SK See Maudsley AA Hilal SK See Mawad ME

Hilal SK See Perman WH Hilal SK See Ra JB

Hilal SK See Silver AJ Hilal SK; Maudsley AA; Ra JB; et al: in vivo NMR imaging of sodium-23 in the human head, (JCAT), 9: 1, 1985 Hilaris B See Whitmore WF Jr Hilaris BS See Assad WA Hilberman M See Cerdan S
Hildell J; Aspelin P; Nyman U; et al:
ultrasonography in complications of renal
transplantation, (Radiology), 156: 282, 1985
Hildenbrand P See Harms SE Hilderfors H See Ekberg O Hilditch TE See Connell IMC Hilditch TE See Connell JMC
Hilditch TE; Connell JMC; Elliott AT; et al: poor
results with technetium-99m (V) DMS and
iodine-131 MBG in the imaging of medullary
thyroid carcinoma, (J Nucl Med), 27: 1150, 1986
Hilfer C See Kirpekar M
Hilgers RD Kirpekar M
Hilgers RD See Wicks JD
Hill A See Habbick BF Hill CA: bronchioloalveolar carcinoma: a review, (Radiology), 150: 15, 1984 (Radiology), 150: 15, 1984 Hill CA: thoracic tuberculosis, mycobacteriosis, MERosis, and BCGosis in a cancer treatment center, (Radiology), 153: 311, 1984 Hill DE See Nyland TG Hill EP See Robinson AE Hill G See Aisen AM Hill IL See Kalash SS Hill JL See Miller D Hill LD See Larson SM Hill LM See Berry SM Hill LM See Ragozzino MW Hill LM; Breckle R: real-time ultrasound guidance of fetal manipulation during genetic amniocentesis, (J Ultrasound Med), 4: 267, 1985 Hill LM; Breckle R: vernix in amniotic fluid: sonographic detection, (Radiology), 158: 80, 1986 Hill LM; Breckle R; Wolfgram KR; et al: evaluation of three methods for estimating fetal weight, (JCU), 14: 171, 1986 Hill LM; Kislak S: extensive intrauterine hematoma mimicking a nonviable early pregnancy, (J Ultrasound Med), 5: 515, 1986 Hill LW See DuBose TJ Hill MC See Cohen LM Hill MC See Mitchell DG Hill MC See Pelaez JC Hill MC See Reynolds T Hill MC See Shawker TH Hill MC See Sivit CJ Hill MC; Rich JJ; Mardiat JG; et al: sonography vs. excretory urography in acute flank pain, (ÁJR), 144: 1235, 1985 Hill RP: sensitizers and radiation dose fractionation: results and interpretations, (Int J Radiat Oncol Biol Phys), 12: 1049, 1986 Hill SA; Miller CA; Kosnik EJ; et al: pediatric neck injuries. a clinical study, (Radiology), 153: 849, 1984 1984
Hill SC See Fang MA
Hill SC See Kurtz D
Hill SC See Mitchell DG
Hill SC See Reinig JW
Hill SC; Christensen DA; Durney CH: pow
deposition patterns in magnetically-ine
hyperthermia: a two-dimensional lowfrequency pumerical analysis. (Bastiche

frequency numerical analysis, (Radiology), 151: 280, 1984

Hill SC; Reinig JW; Barranger JA; Fink J; Shawker TH: Gaucher disease: sonographic appearance of the spleen, (Radiology), 160: 631, 1986

Hill SC; Stein SA; Dwyer A; et al: cranial CT findings in sclerosteosis, (AJNR), 7: 505, 1986 Hill SJ; Hirsch JH: sonographic detection of fetal hydrometrocolpos, (J Ultrasound Med), 4: 323, 1985 Hill TC See Grassi CJ Hill TC See Holman BL

Hill TC See Katz JF Hill TC See Lee RGL Hill TC See Royal HD

Hill TC See Royal HD
Hillard AE; Mann FA; Becker JM; Nelson JA:
ileoanal J pouch: radiographic evaluation,
(Radiology), 155: 591, 1985
Hillen B See Thijn CJP
Hillerdal G: chyliform (cholesterol) pleural
effusion, (Radiology), 158: 857, 1986
Hillman AL; Schwartz JS: diffusion of MRI: patterns
of siting and ownership in an era of changing
incentives, (AJR), 146: 963, 1986
Hillman BH See Clark RL

Hillman BJ: digital imaging of the kidney, (Radiol Clin North Am), 22: 341, 1984 Hillman BJ: digital radiology of the kidney, (Radiol Clin North Am), 23: 211, 1985 Hillman BJ; Clark RL; Babbitt G: efficacy of the

THIMAN BJ; Clark RL; Babbitt G: efficacy of the excretory urogram in the staging of gynecologic malignancies, (AJR), 143: 997, 1984
 Hillman BJ; Drach GW; Tracey P; et al: computed tomographic analysis of renal calculi, (AJR), 142: 549, 1984

Hillman BJ; Winkler JD; Phelps CE; et al: adoption and diffusion of a new imaging technology: a magnetic resonance imaging prospective, (AJR), 143: 913, 1984

Hillman LS; Hoff N; Salmons S; et al: mineral homeostasis in very premature infants: serial evaluation of serum 25-hydroxyvitamin D, serum minerals, and bone mineralization, (Radiology), 158: 283, 1986 Hills D; Irwin GAL; Tuck S; et al: distribution of

placental grade in high-risk gravidas, (AJR), 143: 1011, 1984

Hilpert PL; Friedman AC; Radecki PD; et al: MRI of hemorrhagic renal cysts in polycystic kidney disease, (AJR), 146: 1167, 1986 Hilton J See Goldman SM Hilton S See Balthazar EJ Hilton S See Hulnick DH

Hilton S See Raghavendra BN Hilton S See Subramanyam BR Hilton S; Bosniak MA; Raghavendra BN; et al: CT findings in acute renal infarction, (Radiology), 157: 861, 1985

Hilton SvW See Edwards DK Hilton SvW See Edwards DK Hilton SvW; Leopold GR; Olson LK; et al: real-time breast sonography: application in 300 consecutive patients, (AJR), 147: 479, 1986 Himmelfarb E See Shaff MI Himmelfarb EH See Eisenberg D

Hinck VC See Berman SA
Hinck VC: single catheter for aortic arch and
selective cerebral angiography, (AJNR), 7: 159,

Hind AJ See Dickinson RJ

nind AJ See Dickinson RJ Hind CRK; Thomas AMK; Pepys MB; et al: serum C-reactive protein response to therapeutic embolization: possible role in management, (Radiology), 156: 565, 1985 Hindel R: review of optical storage technology for archiving digital medical images, (Radiology), 161: 257, 1986

161: 257, 1986
Hindman BW; Ross SDK; Sowerby MRR: fractures of the talus and calcaneus: evaluation by computed tomography, (CT), 10: 191, 1986
Hindmarsh T See Gronnerod TA

rindmarsh T See Gronnerod TA Hindmarsh T: tumours of the brain, (Radiology), 161: 760, 1986 Hine AL See Hall-Craggs MA Hines HH See Glass EC Hines HH See Seibert JA

Hino M See Aoki J Hino S See Takashi M

Hinrichs A; Schuter M; Kremer P; et al: two dimensional transesophageal echocardiography: comparison of ultrasonic and anatomic cross-

comparison of ultrasonic and anatomic cross-sections, (Radiology), 152: 863, 1984
Hinshaw DB Jose Schulz EE
Hinshaw DB Jr See Bird CR
Hinshaw DB Jr See Pointsiansen EL
Hinshaw DB Jr See Pointsiansen EL
Hinshaw DB Jr See Pointsiansen EL
Hinshaw DB Jr See Thompson JR
Hinshaw DB Jr See Thompson JR; et al:
neuroradiology of primitive neuroectodermal
tumors, (Radiology), 151: 262, 1984
Hinshaw DB Jr; Hassos AN; Thompson JR; et al:
high resolution computed tomography of the
post partum pituitary gland, (Radiology), 155:
895, 1985
Hinshaw DB Jr; Iordan KR; Hasso AN; et al: CF

Hinshaw DB Jr; Jordan KR; Hasso AN; et al: CT cisternography of dolichoectatic arterial compression of the optic chiasm, (AJNR), 6: 837, 1985

1985
Hinshaw W See Paulson DF
Hinson WH See Jackels SC
Hinton AA See Habibian MR
Hinton CP, Roebuck EJ; Williams MR; et al:
mammographic parenchymal patterns: value as
a predictor of hormone dependency and
survival in breast cancer, (AJR), 144: 1103, 1985
Hinton DR See Muakkassa KF

Hinton P See Li KC Hintz RL See Wilson DM

Hiraishi S; DiSessa TG; Jarmakani JM; et al: two-dimensional echocardiographic assessment of left atrial size in children, (Radiology), 152: 850,

Hiraizumi Y; Fujimaki E; Hishida T; et al: regional lung perfusion and ventilation with radioisotopes in cervical cord-injured patients, (Clin Nucl Med), 11: 352, 1986

Hirakawa K See Naruse S HIFARAWA K See Momoshima S Hiramatsu K See Yamato M Hiramatsu K See Yamato M Hiramatsu K See Yuasa Y Hiramo M; Kurita S; Terasawa R: difficulty in high-

pitched phonation by laryngeal trauma (Radiology), 157: 284, 1985 Hiraoka T See Miller RC Hiraoka T See Nakakuma K Hirasa M See Ikekubo K

Hirasa M See Kudo M

Hirashima Y; Shindo K; Endo S: measurement of the area of the anterior horn of the right lateral ventricle for the diagnosis of brain atrophy by CT, (Radiology), 151: 265, 1984

Hirayama T See Oyama Y Hirji M See Gamsu G Hirji M See Webb WR Hirji M; Gamsu G; Webb WR; Brito AC; Kuriyama K; Stern RG; Cox L: EKG-gated digital subtraction angiography in the detection of pulmonary emboli, (Radiology), **152**: 19, 1984 **Hirji MK** See **Johnson MA** Hirji MK, Johnson MA; Hennig RC: cardiac levorotation: cause of false-positive epicardial fat pad sign, (Radiology), 161: 659, 1986 Hirohashi K See Igawa S Hirohashi S See Makuuchi M Hirohashi S See Muramatsu Y Hirono Y See Kosuda S Hirose J; Takashima T; Suzuki M; et al: "downhill" esophageal varices demonstrated by dynamic computed tomography, (Radiology), 155: 860, 1985 Hiroshima K; Kurata Y; Nakamura M; et al: balland-socket ankle joint: anatomical and kinematic analysis of the hindfoot, (Radiology), 155: 552, 1985 155: 552, 1985
Hirsch G, Sackler JP; Posteraro RH; Peng JJS;
Blackwell DE; Leo JS: disposable umbrella
catheter: an alternative to the standard balloon
enema catheter, (Radiology), 152: 533, 1984 Hirsch J See Merz T Hirsch J; Pierre-Kahn A; Renioer D; et al: Dandy-Walker malformation, a review of 40 cas (Radiology), 155: 550, 1985 Hirsch JH See Hill SJ Hirsch JH See Rogers JV III Hirsch JH See Weinberger E Hirsch JI See Tatum JL Hirsch M: enhanced ascites: CT sign of ureteral fistula. (JCAT), 9: 825, 1985 Hirsch WL Jr See Latchaw RE Hirschfield SS See Bisset GS III Hirschfield SS See Primiano FP Jr Hirschy JC See Meyer JE Hirsh J See Hull RD Hirsh JH See Donofrio NM Jr Hirsh PD; Nixon JV: right-sided native-valve endocarditis caused by actinobacillus actinomycetemcomitans, (Radiology), **152**: 562, 1984 Hirsig J See Schwobel M Hirst AM See Lambert GD Hirst DG See Horsman MR Hisada K See Nakaiima K Hishida T See Hiraizumi Y Hishikawa Y; Kamikonya N; Tanaka S; Miura T: esophageal stricture following high-dose-rate intracavitary irradiation for esophageal cancer, (Radiology), 159: 715, 1986 (tkadiology), 159: 715, 1986
Hishikawa Y, Tanaka S; Miura T: early esophageal carcinoma treated with intracavitary irradiation, (Radiology), 156: 519, 1985
Hishikawa Y; Tanaka S; Miura T: esophageal fistula associated with intracavitary irradiation for esophageal carcinoma, (Radiology), 159: 549, 1986 Hishikawa Y; Tanaka S; Miura T: esophageal ulcration induced by intracavitary irradiation for esophageal carcinoma, (AJR), 143: 269, 1984 Hiyama Y See Ohnishi K Hjalmas K See Hellstrom M Hjelm-Hansen M See Gadeberg CC Hjelm-Hansen M See Johansen LV Ho AMW; Blane CE; Kling TF Jr: role of arthrography in the management of dysplasia epiphysealis hemimelica, (Skeletal Radiol), 15: 224, 1986 Ho BYB See Flak B Ho CK See Ouinn MI Ho CS See Bass S Ho C-S See Cobourn C Ho C-S See Rose DB Ho CS; Gray RR; Goldfinger M; Rosen IE; McPherson R: percutaneous gastrostomy for enteral feeding, (Radiology), 156: 349, 1985 Ho CS; Taylor B: percutaneous transgastric drainage for pancreatic pseudocyst. (AJR), 143: 623, 1984 Ho G Jr See Parker VS Ho K-J See Shin MS Ho SU See Lazar RB Ho V See Handler M Ho Y-H See Jaw T-S Hoadley SD; Wallace RL; Miller JF; et al: prenatal diagnosis of multiple cardiac tumors presenting as an arrhythmia, (JCU), 14: 639, 1986 Hoagland HC See Krowka MJ Hoaglund FT See Onik G Hobbins JC See Chervenak FA Hobbins JC See Jeanty P Hobbins JC See Romero R Hobbs BB See Cunningham IA Hobbs BB See Holloway AF Hobbs RE See Detrano R Hochhauser L; Alton DJ: prolapse of an ectopic ureterocele into both urethra and ipsilateral orthotopic ureter, (Pediatr Radiol), 16: 167, 1986

Hoddick WK See Amparo EG Hoddick WK See Jeffrey RB Jr Hoddick WK See Mahony BS Hoddick WK See Mahony BS
Hoddick WK See Onik G
Hoddick WK; See Siedler DE
Hoddick WK; Callen PW; Filly RA; et al:
ultrasound evaluation of benign sciatic nerve
sheath tumors, (J Ultrasound Med), 3: 505, 1984
Hoddick WK; Demas BE; Moss AA: CT-guided
percutaneous bowel loopogram, (AJR), 143:
1098, 1984 1098, 1984
Hoddick WK; Filly RA; Backman U; Callen PW;
Vincenti F; Hricak H; Mahony BS; Amend W:
renal allograft rejection: US evaluation,
(Radiology), 161: 469, 1986
Hoddick WK; Filly RA; Mahony BS; et al: minimal
fetal renal pyelectasis, (J Ultrasound Med.), 4: 85, Hoddick WK; Helms CA: bony spinal canal changes that differentiate conjoined nerve roots from herniated nucleus pulposus, (Radiology), 154: 110.1005 Hoddick WK; Mahony BS; Callen PW; et al: placental thickness, (J Ultrasound Med), 4: 479, 1985 1985 Hodgden D See Lambie RW Hodge CJ See Leeson MD Hodge GB Jr See Paulson DF Hodges FJ III See Karnaze MG Hodges FJ III See Karts TE Hodges See Weinreb JC Hodges SC See Cohen JM rrouges St. See Conen JM Hodgins GW, Dutton JW: subclavian and carotid angioplasties for Takayasu's arteritis, (Radiology), 150: 857, 1984 Hodgson HJF See Saverymuttu SH Hodgson MB See Wells RG Hodler J See Vock P Hodson EM; Shaw PF; Evans RA; et al: growth retardation and renal osteodystrophy in children with chronic renal failure, (Radiology), 152: 555, 1984 Hoe J See Fearon T rive J See Fearon T Hoeck BE See Woodruff WW III Hoefeler H See Fossel ET Hoeffel J-C; Bernard C: pulmonary sequestration of the upper lobe in children, (Radiology), 160: 513, 1986 513, 1986 Hoefnagel CA; Den Hartog Jager FCA; Van Gennip AH; et al: diagnosis and treatment of a carcinoid tumor using iodine-131 meta-iodobenzylguanidine, (Clin Nucl Med), 11: 150, Hoefs J See Aufrichtig D Hoefs JC See Runyon BA Hoekstra O See Raymakers JA Hoeninger JC See Arakawa M Hoeninger JC See Arakawa M Hoeninger JC See Crooks LE Hoeninger JC See Posin JP Hoevels J See Busch HP Hoevels J See Prager P Hoevels J: single catheter technique for transaxillary aortofemoral angiography, (Radiology), 152: 844, 1984 Hoevels J; Raute-Kreinsen U; Reiter J; et al: Hoevels J; Raute-Kreinsen U; Reiter J; et al:
vascular neoplasm of the esophagus with lifethreatening hemorrhage: report of a case, (Acta
Radiol [Diagn]), 27: 29, 1986
Hoevels-Guerich H; Haferkorn L; Persigehl
M; et al: widening of cranial sutures after longterm prostaglandin E; therapy in two newborn
infants, (Radiology), 154: 851, 1985
Hoff J T See Gebarski SS
Hoff N See Hillman LS
Hoffer FA: Ablow RC: cross-table lateral view in Hoffer FA: Ablow RC: cross-table lateral view neonatal pneumothorax, (AJR), 142: 1283, 1984 Hoffer FA; Hanabergh AM; Teele RL: interrencial r junction: mimic of renal scarring on normal pediatric sonograms, (AJR), 145: 1075, 1985 Hoffer FA; Lebowitz RL: intermittent hydronephrosis: unique feature of ureteropelvic junction obstruction caused by a crossing renal vessel, (Radiology), **156**: 655, 1985 Hoffer PB See Alderson PO Hoffer PB See Bekerman C Hoffer PB See Lewin JS Hoffer PB; Neumann R; Quartararo L; et al: improved intrinsic resolution: does it make a difference? concise communication, difference' concise communication,
(Radiology), 153: 861, 1984
Hoffman AD See Boechat MI
Hoffman AD See Boechat MI
Hoffman EA See Sinak LJ
Hoffman EA; Ritman EL: shape and dimensions of
cardiac chambers: importance of CT section
thickness and orientation, (Radiology), 155: 739, Hoffman EJ See Casey ME Hoffman G See Hanlon JT Hoffman HJ See Bernstein M Hoffman HJ See Muakkassa KF hoffman HJ; Taecholarn C; Hendrick EB; et al: management of lipomyelomeningocele. experience at the Hospital for Sick Children, Toronto, (Radiology), 157: 855, 1985

Hoffman IC See Morehouse HT Hoffman JC Jr See Braun IF Hoffman JC Jr See Davis PC Hoffman JC Jr See Landman JA Hoffman JC Jr See Witrak BJ
Hoffman JM See Rasey JS
Hoffman JM See Rasey JS
Hoffman MG; Gomes AS; Pais SO: limitations in
the interpretation of intravenous carotid digital
subtraction angiography, (AJR), 142: 261, 1984
Hoffman MJ; Kodner JJ; Fry RD: internal intussusception of the rectum. diagnosis and surgical management, (Radiology), 154: 847, 1985 Hoffman P: Pollack A: Oliver M: limited choroidal hemorrhage associated with intracapsular cataract extraction, (Radiology), 157: 859, 1985 Hoffmann A See Burckhardt D Hoffmann C See Stoeter P Hoffman-Tretin JC See Morehouse HT Hofmann AF See vanSonnenberg E Hofmann-v. Kap-herr S See Pistor G Hofstadter F See Rauschmeier H Hofstetter R See Muhler E Hogan WJ See Venu RP Hogstrom KR; Mills MD; Meyer JA; et al: Hogstrom KR; Mills MD; Meyer 1A; et al: dosimetric evaluation of a pencil-beam algorithm for electrons employing a two-dimensional heterogeneity correction, (Radiology), 154: 288, 1985 Hohler CW: use of diagnostic ultrasound on the human fetus, (Clin Diagn Ultrasound), 16: 97, 1985 Hoilund-Carlsen PF See Hartling OJ Hoisaeter PA See Bakke A Hoiseth A See Skaane P Hojo H See Awazu M Hojo K See Takayasu K Holbert BL; Libshitz HI: superior vena caval syndrome in primary mediastinal germ cell tumors, (J Canad Assoc Radiol), 37: 182, 1986 Holbert JM See Shirkhoda A Holbert JM; Lewis E: CT evaluation of the pelvis after hemipelvectomy, (AJR), 145: 1233, 1985 Holcomb WG See Gore JC Holden JE See Celesia GG Holden RE See Klatte EC Holden RW See Becker GI Holden RW See Hicks ME Holden RW See Jackson VP Holden RW See Rowe DM Holder JC See Ferris EJ Holder JC; Binet EF; Kido DK; et al: iohexol lumbar myelography: clinical study, (AJNR), 5: 399, 1984 Holder LE See Chen DCP Holder LE See Rupani HD Holder LE See Wilkins SA Jr Holder LE See Wilkins SA Jr
Holder LE; Mackinnon SE: reflex sympathetic
dystrophy in the hands: clinical and
scintigraphic criteria, (Radiology), 152: 517, 1984
Holder LE; Michael RH: specific scintigraphic
pattern of "shin-splints in the lower leg:"
concise communication, (Radiology), 155: 863,
1985 Holdstock G; DuBoulay CE; Smith CL: survey of the use of colonoscopy in inflammatory bowel disease, (Radiology), 155: 271, 1985 Holdstock GE See Goodfellow T Hole D See MacNaught R Holen J See Gramiak R Holen J: introduction to vascular ultrasonography, (Radiology), 154: 442, 1985 Holida MD See Wilson RF Holland BA: brain imaging and brain function, (Radiology), 158: 430, 1986 Holland BA; Brant-Zawadzki M: high-resolution CT of temporal bone trauma, (AJNR), 5: 291, Holland BA; Haas DK; Norman D; et al: MRI of normal brain maturation, (AJNR), 7: 201, 1986 Holland BA; Kucharcyzk W; Brant-Zawadzki M; Norman D; Haas DK; Harper PS: MR imaging of calcified intracranial lesions, (Radiology), 157: 353 1985 Holland BA; Perrett LV; Mills CM: meningovascular syphilis: CT and MR findings, (Radiology), 158: 439, 1986 (Radiology), 158: 439, 1986

Holland R; Hendriks JHCL; Mravunac M:
mammographically occult breast cancer. a
pathologic and radiologic study, (Radiology),
152: 251, 1984

Hollanker, NYC Hollenberg NK See Orlandi C Hollenberg NK See Paskins-Hurlburt AJ Holley HC See Anderson SD Holliday J; Saxon R; Lufkin RB; Rauschning W; Reicher M; Bassett L; Hanafee W; Barbaric Z; Sarti D; Glenn W Jr: anatomic correlations of magnetic resonance images with cadaver cryosections, (Radiographics), 5: 887, 1985 Holliday MJ See Nager GT Holliday SB See Deacon JM Hollier LA See Plate G

Hollingworth P See Hamilton-Wood C Hollingworth P See Stoddart PGP Hollister DW See Sartoris DJ Hollman J See Leimgruber PP Holloway AF; Taylor KW; Hobbs BB: dose and

quality control (DQC) in diagnostic radiology, (Radiology), 155: 274, 1985 Hollwarth M See Fotter R

Hollwarth M See Fotter R

Holm HH; Juul N; Pedersen JF; et al: transperineal

125 iodine seed implantation in prostatic cancer
guided by transrectal ultrasonography.
(Radiology, 151: 837, 1984

Holm J; Jacobsen B: accuracy of dynamic
ultrasonography in the diagnosis of malignant
liver lesions. (J Ultrasound Med), 5: 1, 1986

Holman BL See Royal HD

Holman BL see Royal HD

Holman BL See Royal HD
Holman BL: perfusion and receptor SPECT in the
dementias—George Taplin Memorial Lecture, (J
Nucl Med), 27: 855, 1986
Holman BL; Campbell CA; Lister-James J; et al:
effect of reperfusion and hyperemia on the
myocardial distribution of technetium-99m tbutylisonitrile. (J Nucl Med), 27: 1172, 1986

Holman BL; Lee RGL; Hill TC; et al: comparison of two cerebral perfusion tracers, N-isopropyl I-123 p-iodoamphetamine and I-123 HIPDM, in the human, (Radiology), 153: 574, 1984 Holman BL; Moore SC; Shulkin PM; et al:

Holman BL; Moore SC; Shulkin PM; et al:
quantitation of perfused myocardial mass using
Tl-201 and emission computed tomography,
(Radiology), 151: 561, 1984
Holmburg CE See Nemeck AA Sr
Holmes DR Jr See Fetter J
Holmes KT See Mountford CE
Holmes RA See Passamonte PM
Holmes RA See Singh A
Holmes RE See Sartoris DI

Holmes RE See Sartoris DJ Holmes WF See McKenna EL Jr

Holmes WF See McKenna EL Jr
Holmin T See Forsberg L
Holmes RO; Ogundimu FA; Langille RA: pituitary
apoplexy following closed head trauma. case
report. (Radiology), 152: 557, 1984
Holness RO; Schlossberg AH; Heffernan LRPM:
cerebrospinal fluid rhinorrhea caused by
bromocriptine therapy of prolactinoma,
(Radiology), 153: 276, 1984
Holoubi A See Al-Mefty O
Holoye PY See Kun LE
Holrowd AM See Evre-Brook IA

Holroyd AM See Eyre-Brook IA Holsapple JW See Cox GG

shouser BA; Bradley WG Jr: microcomputer patient database management system for an MRI facility, (AJR), 146: 871, 1986

Holstege A; Barner S; Brambs HF; et al: relapsing pancreatitis associated with duodenal wall cysts. diagnostic approach and treatment, (Radiology), 157: 280, 1985

Holt GR; Standefer JA; Brown WE Jr: infectious diseases of the sphenoid sinus, (Radiology), **154**: 565, 1985

Holt JAG; Stanford RW: synergism between hyperthermia and ionising radiation, (Br J Radiol), 59: 795, 1986 Holt JF See Blane CE

Holt See Styles CB Holtas S See Tornquist C Holtas S: textbook of radiological diagnosis. vol. 1. the head and the central nervous system. 5th ed., (Radiology), 156: 314, 1985

Holtas S; Monajati A; Utz R: computed tomography of malignant lymphoma involving the skull, (JCAT), 9: 725, 1985

Holtas S; Morris TW; Ekholm SE; et al: penetration of subarachnoid contrast medium into rabbit spinal cord: comparison between metrizamide and iohexol, (Invest Radiol), 21: 151, 1986 Holtas S; Nyman U; Cronqvist S: computed

riousis 5; Nyman U; Cronqvist 5; computed tomography of malignant lymphoma of the brain, (Radiology), 153; 276, 1984

Holtas SL see Simon JH: MR imaging of spinal lymphoma, (JCAT), 10; 111, 1986

Holthusen W See Richter E

Holthusen W See Richter E
Holthusen W; Lassrich MA; Steiner C: epidermoids
and dermoids of the calvarium bones in early
childhood: their behavior in the growing skull,
(Radiology), 151: 262, 1984
Holthusen W; Lundius B: megapolycalicosis with
ureteric obstruction: a retrospective analysis of
ten children cases, (Radiology), 153: 567, 1984
Holton JM See Dawson P
Holz M See Strecker E-P
Holzman BH See Taylor SB

Holzman BH See Taylor SB Hombergen GCHJ See Cremers WRJ Hombo Z-i See Hayashi K

Hombo Z-i See Hayashi K
Homer MJ: atlas of the breast: clinical
radiodiagnosis, (Radiology), 159: 70, 1986
Homer MJ: breast imaging: pitfalls, controversies,
and some practical thoughts, (Radiol Clin North
Am), 23: 459, 1985
Homer MJ: nonpalpable breast abnormalities: a
realistic view of the accuracy of mammography
in detecting malignancies, (Radiology), 153: 831,
1984

Homer MJ: nonpalpable breast lesion localization using a curved-end retractable wire, (Radiology), 157: 259, 1985

Homer MJ; Pile-Spellman ER: needle localization of occult breast lesions with a curved-end retractable wire: technique and pitfalls, (Radiology), 161: 547, 1986 Homsy Y See Grignon A Honeyman M See Harvey EB

Hong J See Glanz S Honickman SJ See Gross SC Honna T See Tsuchida Y Hood JD See Naseem M Hooper HR See Logus JW Hoover ED See Brill CB Hoover ED See Peyster RG Hoover LA See Lufkin RB

Hoover LA See Lutkin KB
Hoover LA; Calcaterra TC; Walter GA; et al:
preoperative CT scan evaluation for laryngeal
carcinoma: correlation with pathological
findings, (Radiology), 154: 566, 1985
Hope DT See Chan KK

Hope PL See Stewart AL
Hope-Stone HF; Oliver RTD; England HR; et al: T3
bladder cancer: salvage rather than elective
cystectomy after radiotherapy, (Radiology), 156:
285, 1985

Hopfner B See Rohner G

Hopfner B See Rohner G
Hopkins AL; Yeung HN; Bratton CB: multiple field
strength in vivo T; and T; for cerebrospinal fluid
protons, (Magn Res Med), 3: 303, 1986
Hopkins HA See Looney WB
Hopkins RJ See Johnson DM
Hopla DM; Mazur JM; Bass RM: cervical vertebrae
subluxation, (Radiology), 152: 553, 1984
Hopman WPM; Brouwer WFM; Rosenbusch G;
Jansen JBMJ; Lamers CBHW: computerized
method for rapid quantification of gallbladder
volume from real-time sonograms, (Radiology),
154: 236, 1985
Hopman WPM; Rosenbusch G; Jansen JBMJ; de

154: 236, 1985

Hopman WPM; Rosenbusch G; Jansen JBMJ; de Jong AJL; Lamers CBHW; gallbladder contraction: effects of fatty meals and cholecystokinin, (Radiology), 157: 37, 1985

Hopp SI; Buckley EG; Byrne SF; et al: posttraumatic venous obstructive retinopathy associated with enlarged optic nerve sheath, (Radiology), 153: 570, 1984

570. 1984 Hoppe RT See Castellino RA Hoppe RT See Pedrick TJ Hoppe RT See Sommer FG Hopper DW See Stelling CB Hopper KD See Sheman JL Hopper KD See Sheman JL Hopper KD See Smazal SF Jr

Hopper KD: See Smazal SF Jr
Hopper KD: Katz NNK; Dorwart RH; Margo CE;
Filling-Katz M; Sherman JK: childhood
leukokoria: computed tomographic appearance
and differential diagnosis with histopathologic
correlation, (Radiographics). 5: 377, 1985
Hopper KD; Komppa GH; Bice P; et al: reevaluation
of placental grading and its clinical significance,
(Radiology). 154: 569, 1985
Hopper-Seyler P See Brambs H-J
Horbar ID: Leahy KA: Lucey JF; ultrasound

Horbar JD; Leahy KA; Lucey JF: ultrasound identification of lateral ventricular asymmetry in the human neonate, (Radiology), 151: 262, 1984

Horgan JG See Carter AR

Horgan JG See Chow PP
Horgan JG; Chow PP; Richter JO; et al: CT and
sonography in the recognition of mucocele of
the appendix, (AJR), 143: 959, 1984
Horger EO III See Stanley JH

Hori S See Yoshioka H Horii SC See Raghavendra BN Horii SC See Subramanyam BR Horii SC; Bosniak MA; Megibow AJ; et al: correlation of CT and ultrasound in the evaluation of renal lymphoma, (Radiology), 150:

855, 1984 Horikawa Y See Ishigaki T Horikawa Y See Naruse S Horimoto Y; Kasuya T; Yoshizawa M; et al: unusual tracheal foreign body in a neonate, (Pediatr Radiol), 16: 420, 1986

Horiot J-C See van den Bogaert W
Horiuchi J; Okuyama T; Matsubara S; et al:
extranodal non-Hodgkin's lymphoma in the
head and neck: irradiation and clinical course,
(Radiology), 150: 871, 1984 Horiuchi JI See Shibuya H Horn KL See Lo WWM

Horn KL; Shea JJ III; Brackmann DE: congenital cholesteatoma of the petrous pyramid, (Radiology), 160: 860, 1986

Horn RA See Seagren 5 Hornak JP; Szumowski J; Rubens D; Janus J; Bryant RG: breast MR imaging with loop-gap resonators, (Radiology), 161: 832, 1986 Hornback NB See Lester SG

Hornchen H See Muhler E Horne JB See Stallworth JM Horosko F See Gagnon RF

Horovitz A See Graif M

Horowitz A See Degani H Horowitz BL; Woodson GE; Bryan RN: CT of laryngeal tumors, (Radiol Clin North Am), 22: 265, 1984

Horowitz MD; Russell E; Abitbol C; et al: massive hematuria following percutaneous biopsy of renal allograft: successful control by selective embolization, (Radiology), **156**: 272, 1985

Horowitz MI; Feigenbaum LA: transcatheter electrocautery as an aid in the percutaneous insertion of a ureteral stent, (Radiology), 154: 850, 1985

Horowitz S See Meijboom EJ Horowitz S See Peters ME Horowitz S See Valdes-Cruz LM Horowitz SF See Sussman MH

Horowitz SF; Machac J; Levin H; et al: effect of variable left ventricular vertical orientation on planar myocardial perfusion images, (J Nucl Med), 27: 694, 1986

Horowitz St. Bentson JR; Benson DF; et al: CNS toxoplasmosis in acquired immunodeficiency syndrome, (Radiology), 151: 550, 1984 Horsburgh CR Jr See Farhi DC

Horsman MR; Brown DM; Hirst DG; et al: effects of purine nucleoside analogs on the response the RIF-1 tumor to melphalan in vivo, (Int J Radiat Oncol Biol Phys), 12: 801, 1986 Horst DA See Knapp AB Horstmann H See Mahboubi S

Hortobagyi CN; Libshitz HI; Scabold JE: osseous metastases of breast cancer. clinical, biochemical, radiographic, and scintigraphic evaluation of response to therapy, (Radiology), 153, 270, 1084 153: 270, 1984

Horton IA See Latchaw RE

Horton JA: doubly curved guide wire for use in the subclavian/vertebral artery system, (Radiology), 157: 262, 1985

Horton JA; Kerber CW: lidocaine injection into external carotid branches: provocative test to preserve cranial nerve function in therapeutic embolization, (AJNR), 7: 105, 1986

Horton JA; Latchaw RE; Gold LHA; et al: embolization of intramedullary arteriovenous malformations of the spinal cord, (AJNR), 7: 113,

Horton JC See Brunquell PJ

Horton JL: dosimetry of the Siemens mevatron 67 linear accelerator, (Radiology), 151: 838, 1984

Horvath K See Pastakia B Horwitz TA See Bagg MNJ Hoschl R See Choy D Hoshi H See Kodama T Hoshiai M See Tomoda H

Hosie CJ; Smith DAS: precision of measurement of bone density with a special purpose computed tomography scanner, (Br J Radiol), 59: 345, 1986

soba M; Wani H; Toyama H; et al: automated body contour detection in SPECT: effects on quantitative studies, (J Nucl Med), 27: 1184, 1986

Hosogi Y See Ohishi H

Hosoig Y See Unishi H
Hosoig See Kumazaki T
Hosoya T; Kera M; Suzuki T; et al: fat in the normal
cavernous sinus, (Neuroradiol), 28: 264, 1986
Host H; Brennhowd IO; Loeb M: postoperative
radiotherapy in breast cancer—long-term
results from the Oslo study, (Int J Radiat Oncol
Biol Phys), 12: 727, 1986

Hough FS See Wagener G Hoult DI See Dwyer AJ Hourani M See Al-Sheikh W Houser OW See Earnest F IV Houser OW See Kaplan HC

Houser OW See Ormson MJ
Houser OW; Mokri B; Sundt TM Jr; et al:
spontaneous cervical cephalic arterial dissection
and its residuum: angiographic spectrum,
(AJNR), 5: 27, 1984

(AJINA), 5: 21, 1794
Houser OW; Mokri B; Sundt TM Jr; et al:
spontaneous cervical cephalic arterial dissection
and its residuum: angiographic spectrum,
(Radiology), 154: 855, 1985

(Radiology), 154: 855, 1985

Housholder DF; Hynes HE; Dakhil SR; et al: hepatobiliary scintigraphy in patients receiving hepatic artery infusion chemotherapy, (Radiology), 159: 821, 1986

Houston A Con Port

Houston A See Royston D Houston CS See Jacobsen LE Houston CS See Maclachlan AK Houston LW See Malnor MD Houston LW See Perman WH Houston LW See Turski PA

Howard BA See Saibil EA Howard BA; Rubenstein JD; Lewis AJ: case report 371, (Skeletal Radiol), 15: 468, 1986

Howard DA See Ernstoff II Howard I See Savolaine ER Howard TB See Prasad SC Howard WH See Timmons JH

Howe Howe HR Jr; Hansen KJ; Plonk GW Jr: expanded criteria for the diagnosis of deep venous thrombosis: use of the pulse volume recorder and Doppler ultrasonography, (Radiology), 155: 861, 1985 Howe JF See Nov AA Howell CG; Van Tassel P; El Gammal T: high resolution computed tomography in neonatal nasopharyngeal teratoma, (JCAT), 8: 1179, 1984 Howell FV See Bone RC Howie JL See Generoux GP Howlett P See Acharya U Howman-Giles R; Gett M; Roy P: renal subcapsular rim sign: radionuclide pattern, (Clin Nucl Med), 11: 285, 1986 11: 285, 1986
Howman-Giles R; Trochei M; Yeates K; et al: partial growth plate closure: apex view on bone scan, (Radiology), 156: 859, 1985
Hoyt TS See Markivee CR
Hoyt WF See Imes RK
Hricak H See Amparo EG
Hricak H See Bretan PN Jr Hricak H See Cruz C Hricak H See Davis PL Hricak H See Demas BE Hricak H See Dooms GC Hricak H See Ehman RL Hricak H See Fisher MR Hricak H See Higgins CB Hricak H See Hoddick WK Hricak H See Justich E Hricak H See Lue TF Hricak H See McCarthy S Hricak H See McCarthy SM Hricak H See McClure RD Hricak H See Mahony BS Hricak H See Schmidt HC Hricak H See Slovis TL Hricak H See Spies JB Hricak H See Stark DD Hricak H See Terrier F Hricak H See Wall SD Hricak H See Winkler ML Hricak H: MRI of the female pelvis: review, (AJR), 146: 1115, 1986 Hricak H; Amparo EG: body MR: alleviation of claustrophobia by prone positioning, (Radiology), 152: 818, 1984 Hricak H; Amparo EG; Fisher MR; Crooks LE; Higgins CB: abdominal venous system: assessment using MR, (Radiology), 156: 415, 1985

Hricak H; Demas BE; Braga CA; Fisher MR;
Winkler ML: gestational trophoblastic
neoplasm of the uterus: MR assessment,
(Radiology), 161: 11, 1986

Hricak H; Demas BE; Williams RD; McNamara MT;
Hedgcock MW; Amparo EG; Tanagho EA:
magnetic resonance imaging in the diagnosis
and staging of renal and perirenal neoplasms,
(Radiology), 154: 709, 1985

Hricak H; Lue T; Filly RA; et al: experimental study
of the sonographic diagnosis of testicular
torsion, (Radiology), 152: 867, 1984

Hricak H; Mark AS; Alpers CE; et al: sonographic
evaluation of the rejecting ureter, (Urol Radiol),
8: 25, 1986 8: 25, 1986 Hricak H; Newhouse JH: MR imaging of the kidney, (Radiol Clin North Am), 22: 287, 1984 Hricak H; Terrier F; Demas BE: renal allografts: evaluation by MR imaging, (Radiology), 159: 435, 1986 933, 1900
Hricak H; Tscholakoff D; Heinrichs L; Fisher MR;
Dooms GC; Reinhold C; Jaffe RB: uterine
leiomyomas: correlation of MR, histopathologic
findings, and symptoms, (Radiology), 158: 385, Hricak H, Williams RD: magnetic resonance imaging and its application in urology, (Radiology), 154: 281, 1985 Hruby W See Marberger M Hruby W; Marberger M: late sequelae of

Hruby W; Marberger M: late sequelae of percutaneous nephrostomy. work in progress, (Radiology), 152: 383, 1984
Hryshko FG; Deeb ZL: computed tomography in acute head injuries, (Radiology), 152: 556, 1984
Hsiao HS See Keagy BA
Hsiao HS See Keagy BA
Hsu AS See Schmitt GH
Htoo MM: case of the winter season, (Semin Roentgenol), 19: 5, 1984
Hu K-N; Woldesemait A; Rao MG: percutaneous drainage of renal abscess, (Radiology), 154: 560, 1985 1985 Hu Y See Qin D Hu Y-H See Yan J-H Hu Y-H See Yang Z-Y Hu YH See Yin ZY Hu Y-H See Zhang Z-X Huang D; Weisbrod GL; Chamberlain DW: unusual radiologic presentations of bronchioloalveolar carcinoma, (J Canad Assoc Radiol), 37: 94, 1986 Huang F-Y See Shen E-Y Huang HK See Lo S-C Huang M-Y See DeKernion JB

Huben RP See Varma J Huber RP See Varma J Huber DJ; Mueller E: Heubes P: oblique magnetic resonance imaging of normal structures, (AJR), 145: 843, 1985 Huber DJ; Sauter R; Mueller E; Requardt H; Weber H: MR imaging of the normal shoulder, (Radiology), 158: 405, 1986 Huber JS See Nunez D Jr Huber JS See Russell E Huber P See Aaslid R Huberty JP See Engelstad BL Huberty JP See Hattner RS Hublitz UF; Cogliano FD; Arena PJ: early extraction of residual biliary tract stones: a two-guide-wire technique, (AJR), 143: 1090, 1984 Huckman MS See Russell EJ Huckman M5: Richard E. Buenger, MD, President, Radiological Society of North America, 1987, (Radiology), 161: 843, 1986 Huckman MS; Russell EJ: selecting the optimal plane for CT examination of the base of the skull, (AJNR), 5: 333, 1984 Hudak SF See Sandler MA Hudon G See Charlebois N Hudson BV See MacLennan KA Hudson BV; MacLennan KA; Easterling MJ; et al: prognostic significance of age in Hodgkin disease: examination of 1500 patients (BNLI report no. 23), (Radiology), 152: 844, 1984 Hudson T See Bertoni F Hudson T See Persent DA
Hudson TM: fluid levels in aneurysmal bone cysts: a
CT feature, (AJR), 142: 1001, 1984
Hudson TM: scintigraphy of aneurysmal bone cysts,
(AJR), 142: 761, 1984 Hudson TM; Bertoni F; Enneking WF: computed riudson I M; Bertoni F; Enneking WF: computed tomography of a benign mesenchymoma of soft tissue, (ICAT), 9: 205, 1985.
Hudson TM; Manaster BJ: Springfield DS; et al: radiology of medullary chondrosarcoma: preoperative treatment planning, (Radiology), 153: 269, 1984 Hudson TM; Schiebler M; Springfield DS; et al: radiologic imaging of osteosarcoma: role in planning surgical treatment, (Radiology), 153: 562, 1984 Hudson TM; Schiebler M; Springfield DS; et al: radiology of giant cell tumors of bone: computed tomography, arthro-tomography, and scintigraphy, (Radiology), 154: 557, 1985 Hudson TM; Springfield DS; Benjamin M; et al: computed tomography of parosteal osteosarcoma, (AJR), 144: 961, 1985 Hudson TM; Springfield DS; Spanier SS; Enneking WF; Hamlin DJ: benign exostoses and exostotic chondrosarcomas: evaluation of cartilage thickness by CT, (Radiology), 152: 595, 1984
Hudson TM; Vandergriend RA; Springfield DS;
Hawkins IF Jr; Spanier SS; Enneking WF;
Hamlin DJ: aggressive fibromatosis: evaluation
by computed tomography and angiography,
(Radiology), 150: 495, 1984 Huebener K-H; Treugut H: adrenal cortex dysfunction: CT findings, (Radiology), 150: 195, 1984 Hueftle MG; Han JS; Kaufman B; et al: MR imaging of brain stem gliomas, (JCAT), 9: 263, 1985 Huesman RH See Jagust WJ Huesman RH See Mazoyer BM Huet P-M See Lafortune M Huet PM See Valla D Huet PM See Valla D
Huey H; Cooperberg PL; Bogoch A: diagnosis of
giant varix of the coronary vein by pulsedDoppler sonography, (AJR), 143: 77, 1984
Hufton AP; Russell JGB: use of carbon fibre
material in table tops, cassette fronts and grid
covers: magnitude of possible dose reduction,
(Br J Radiol), 59: 157, 1986 Hug G See Babcock DS Hugel HE; Oser W; Bodner E: aneurysm of the proper hepatic artery as a rare source of upper gastrointestinal bleeding, (Gastrointest Radiol), 11: 158, 1986 Hughes B; Marshall DR; Sobel BE; et al: characterization of beta-adrenoreceptors in vivo with iodine-131 pindolol and gamma scintigraphy, (J Nucl Med), 27: 660, 1986 Hughes CF; Waugh R; Lindsay D: surgery for pulmonary aspergilloma: preoperative embolization of the bronchial circulation, (Radiology), 161: 574, 1986 Hughes JJ See Jones TB Hughes JJ See Lecklitner ML Hughes JJ; Brogdon BG: computed tomography of duodenal hematoma, (CT), 10: 231, 1986 Hughes JM See Weill H Hughes JMB See Tripathi A

Hughes JS; Roberts GC; Stephenson SK:
occupational exposure in mcdicine. a review of
radiation doses to hospital staff in North-West
England, (Radiology), 153: 862, 1984
Hugh-Jones K See Johnson MA.
Hughs PG: cerebellar medulloblastoma in adults,
(Radiology), 154: 285, 1985
Huhta JC See Reiter AA
Huthi E; Saloheimo M; Sutinen S: value of
roentgenologic screening in lung cancer,
(Radiology), 151: 843, 1984
Huk W; Heindel W; Deimling M; et al: nuclear
magnetic resonance (NMR) tomography of the
central nervous system: comparison of two
imaging sequences, (Radiology), 150: 864, 1984
Hukuda S; Mochizuki T; Ogata M; et al: pattern of
syinal and extraspinal hyperostosis in patients
with ossification of the posterior longitudinal
ligament and the ligamentum flavum causing
myelopathy, (Radiology), 153: 270, 1984
Huland H; Bischoff UK: is serial iodohippurate
renography at the bedside reliable enough to
monitor renal transplants?, (Radiology), 150:
616, 1984 Hubbard SM See DeVita VT Hubbard VS See Shawker TH Hubbell FA; Greenfield S; Tyler JL; et al: impact of routine admission chest x-rays on patient care, (Radiology), 156: 853, 1985 monitor renal transplants?, (Radiology), 150: 616, 1984
Hulbert JC See Cardella JF
Hulbert JC See Hunter DW
Hulbert JC See Hunter DW
Hulbert JC See Hunter DW
Hulbert JC See Medy PK
Hulbert JC See Reddy PK
Hulbert JC; Reddy PK, Hunter DW; et al:
percutaneous techniques for the management of
caliceal diverticula containing calculi,
(Radiology), 160: 285, 1986
Hull RD, Hirsh J; Carter CJ; et al: diagnostic value
of ventilation-perfusion lung scanning in
patients with suspected pulmonary embolism,
(Radiology), 159: 2820, 1986
Hull RD; Hirsh J; Carter CJ; et al: pulmonary
angiography, ventilation lung scanning, and
venography for clinically suspected pulmonary
embolism with abnormal perfusion lung scan,
(Radiology), 151: 257, 1984
Hulnick DH See Balthazar EJ
Hulnick DH See Balthazar EJ
Hulnick DH See Megibow AJ 616, 1984 Hulnick DH See Balthazar EJ
Hulnick DH See Balthazar EJ
Hulnick DH See Balthazar EJ
Hulnick DH; Bosniak MA: "faceless kidney": CT
sign of renal duplicity, (JCAT), 10: 771, 1986
Hulnick DH; Megibow AJ; Balthazar EJ;
Naidich DP; Bosniak MA: computed
tomography in the evaluation of diverticulitis,
(Radiology), 152: 491, 1984
Hulnick DH; Megibow AJ; Balthazar EJ;
Naidich DP; Bosniak MA: computed
tomography in the evaluation of diverticulitis:
reply, (Radiology), 154: 835, 1985
Hulnick DH; Megibow AJ; Naidich DP; Hilton S;
Cho KC; Balthazar EJ: abdominal tuberculosis:
CT evaluation, (Radiology), 157: 199, 1985
Hulnick DH; Naidich DP; McCauley DI;
Feiner HD; Avitabile AM; Greco MA; Genieser
NB: late presentation of congenital cystic
adenomatoid malformation of the lung,
(Radiology), 151: 569, 1984
Hultman SA See Williams SM
Hulman SA See Williams SM Hultman SA See Williams SM
Humburg C See Weitzel D
Humberg C See Weitzel D
Hume SP; Marigold JCL: thermal enhancement of
radiation damage in previously irradiated
mouse intestine, (Br | Radiol), 59: 53, 1986
Humes RA; Roskamp J; Eisenbrey AB: melanosis
and hydrocephalus. report of four cases,
(Radiology), 155: 550, 1985
Humb III designatics accept of radiolyheled Humm JL: dosimetric aspects of radiolabeled antibodies for tumor therapy, (J Nucl Med), 27: 1490, 1986 1490, 1986
Hummel RH; Wesenberg RL; Amundson GM:
computerized x-ray dose-monitoring system,
(Radiology), 156: 231, 1985
Hundeshagen H See Tietze P
Hundgen R See Zeumer H
Hungerford GD See Osguthorpe JD
Hunninghake GW; Garrett KC; Richerson HB; et al:
nathogenesis of the granulomatous lung. pathogenesis of the granulomatous lung diseases, (Radiology), 155: 547, 1985 Hunter D See Tadavarthy SM Hunter DW See Butto F Hunter DW See Cardella JF Hunter DW See Clayman RV Hunter DW See Coleman CC Hunter DW See Darcy MD Hunter DW See Hulbert JC Hunter DW See Lund G Hunter DW See Mercado S Hunter DW See Salomonowitz E Hunter DW See Smith TP Hunter DW See Young AT
Hunter DW; Castaneda-Zuniga WR; Coleman CC;
Young AT; Salomonowitz E; Mercado S;
Amplatz K: failing arteriovenous dialysis
fistulas: evaluation and treatment, (Radiology),
152: 631, 1984 Hunter DW; Castaneda-Zuniga WR; Young AT; Cardella JF; Lund G; Rysavy JA; Hulbert JC; Lange PH; Reddy PK; Amplatz K; percutaneous removal of ureteral calculi: clinical and experimental results, (Radiology), 156: 341, 1985

Hunter DW; Salomonowitz E; Castaneda-Zuniga WR; Young AT; Mercado S; Amplatz K: carbon dioxide as a lighter-than-urine contrast

medium for percutaneous nephrostomy, (Radiology), 152: 211, 1984 Hunter GJS; Hunter JV; Brown NJG: parametric imaging using digital subtraction angiography, (Br J Radiol), 59: 7, 1986

Hunter JV See Hunter GJS Hunter K See Fullerton GD Hunter LY See Greene TL Hunter N See Milas L

Hunter K See Fullerton GD
Hunter LY See Greene TL
Hunter N See Milas L
Hunter P See Klinberg I
Hunter PT See Hawkins IF Jr
Hunter PT See Hawkins IF Jr
Hunter PT See Hawkins IF Jr; Finlayson B; et al:
Hawkins-Hunter retrograde transcutaneous nephrostomy: a new technique, (Radiology),
152: 847, 1984
Hunter PT II See Grantham JR
Hunter RD; Cowie VJ; Blair V; et al: clinical trial of two conceptually different radical radiotherapy treatments in stage III carcinoma of the cervix,
(Clin Radiol), 37: 23, 1986
Hunter TB See Brown RF
Hunter TB See Brown RF
Hunter TB See Annielson KS
Hunter TB See Newell JD
Hunter TB See Newell JD
Hunter TB See Nowberg AH
Hunter TB See Rowberg AH
Hunter TB See Haws III Computers and their applications in medicine, (AJR), 143: 678, 1984
Hunter TB, Byelland JC; gastrointestinal complications of leukemia and its treatment,
(AJR), 142: 513, 1984
Hunter TB, Brewer M; production of text and graphics slides on a personal computer, (AJR), 144: 1309, 1985
Hunter TB, Haber K: comparison of real-time scanning, (Radiology), 152: 868, 1984
Hunter TB, Haber K: comparison of real-time scanning, (Radiology), 152: 868, 1984
Hunter TB, Merkley R, Pitt MJ; relation between pelvic phleboliths and diverticular disease of the colon, (AJR), 143: 105, 1984
Hunter TB, Merkley R, Pitt MJ; relation between pelvic phleboliths and diverticular disease of the colon, (AJR), 143: 105, 1984
Hunter TB, Merkley R, Pitt MJ; relation between pelvic phleboliths and diverticular disease of the colon, (AJR), 143: 105, 1984
Hunter TB, Merkley R, Pitt MJ; relation between pelvic phleboliths and diverticular disease of the colon, (AJR), 143: 105, 1984
Hunter TB, Merkley R, Pitt MJ; relation deween pelvic phleboliths and diverticular disease of the colon, (AJR), 143: 105, 1984

Hurwitz JJ See Willinsky RA Hurwitz L See Eisenberg D Hurwitz RA See Caldwell RL

Hurwitz KA see Caluvell KL

Hurwitz SR: yolk sac sign: sonographic appearance
of the fetal yolk sac in missed abortion, (J

Ultrasound Med), 5: 435, 1986

Ultrasound Med), 5: 435, 19
Hus C See Woo JSK
Husband JE See Bellamy EA
Husband JE See Blaquiere RM
Husband JE See Golding SJ
Husband JE See Levitt RG

Husband JE See Levitt RG
Husband JE; Bellamy EA: unusual
thoracoabdominal sites of metastases in
testicular tumors, (AJR), 145: 1165, 1985
Husband JE; Golding SJ: role of computed
tomography-guided needle biopsy in an
oncology service, (Radiology), 150: 296, 1984
Husbands HS See Giyanani VI.
Huskinsson ES See Edwards JCW
Huse RC Son Her 16

Huss RG See Han JS
Hussain S: diagnostic criteria of hydatid disease on
hepatic sonography, (J Ultrasound Med), 4: 603,
1985

1985

Hussain S; Belldegrun A; Seltzer SE; et al: CT diagnosis of adrenal abnormalities in patients with primary non-adrenal malignancies, (Eur J Radiol), 6: 127, 1986

Hussain S; Belldegrun A; Seltzer SE; et al: differentiation of malignant from benign adrenal masses: predictive indices on computed tomography, (AJR), 144: 61, 1985

Husted J; Dempsey D: angiographic management of arteriocolic fistulae, (Cardiovasc Intervent Radiol), 9: 158, 1986

Radiol), 9: 158, 1986
Hutcheon DF See Hamilton SR
Hutchins DF See Hamilton SR
Hutchins DF See Soulen MC
Hutchins WW; Vogelzang RL; Neiman HL; Fuld IL;
Kowal LE: differentiation of tumor from
syringohydromyelia: intraoperative
neurosonography of the spinal cord,
(Radiology), 151: 171, 1984
Hutchinson RJ See Bland PH
Hutchison AA See Fleischer AC
Hutchison JMS See Runge VM
Hutson DG See Russell E
Hutton L See Felice R
Hutton L See Felice R

Hutton L See Harker L Hutton L See Olutola PS

Hutton L see Orluton FS
Hutton L: oleothorax: expanding pleural lesion,
(AJR), 142: 1107, 1984
Hutton S ee Frick MP
Hutton WL; Fuller DG: factors influencing final
visual results in severely injured eyes,
(Radiology), 155: 279, 1985

Huvos AG: osteogenic sarcoma of bones and soft tissues in older persons: clinicopathologic analysis of 117 patients older than 60 years, (Radiology), 160: 859, 1986
Huvos AG; Butler A; Bresky SS: osteogenic sarcoma associated with Paget's disease of bone. a clinicopathologic study of 65 patients, (Radiology), 152: 251, 1984
Huvos AG; Sundaresan N; Bretsky SS; et al: osteogenic sarcoma of the skull: clinicopathologic study of 19 patients, (Radiology), 158: 559, 1986
Huvos AG; Woodard HQ; Cahan WG; et al: postradiation osteogenic sarcoma of bone and soft tissues. a clinicopathologic study of 66 patients, (Radiology), 156: 572, 1985
Huvos AG; Woodard HQ; Heilweil M: postradiation matignant fibrous histiocytoma of bone: clinicopathologic study of 20 patients, (Radiology), 161: 284, 1986
Hvid G See Tos M
Hvizdala E See Hayes FA
Hvang T-L See Glass JP
Hyams BB See Spiegel SM
Hyde I See Rao KS
Hyde J See Deutsch AL
Hyde JS See Annels DL
Hyde JS See Annels DL
Hyde JS See Sotgiu A
Hyde RW See Wandtke JC Hyde JS See Daniels DL
Hyde JS See Kneeland JB
Hyde JS See Kneeland JB
Hyde JS See Sotgiu A
Hyde RW See Wandtke JC
Hydovitz JD See Obley DL
Hydovitz JD See Obley DL
Hydovitz JD See Winzelberg GG
Hylton NM See Feinberg DA
Hylton NM See Poinberg DA
Hylton NM See Ortendahl DA
Hylton NM See Ortendahl DA
Hylton NM See Poins JP
Hyman AD, Lanzieri CF; Solodnik P; et al: cystic
adult medulloblastomas, (CT), 10: 139, 1986
Hyman RA See Alvarez O
Hyman RA See Alvarez O
Hyman RA; Edwards JH; Vacirca SJ; et al: 0.6 T MR
imaging of the cervical spine: multislice and
multiecho techniques, (A]NR), 6: 229, 1985
Hynes DM; Edmonds EW; Rowlands JA;
Krametz KR; Pack WKW: videofluorography
and pulsed fluoroscopy using a 512 x 512-pixel
digital image system, (Radiology), 155: 519, 1985
Hynes DM; Gershater R; Edmonds EW; et al:
radiation dose implications of digital
angiographic systems, (A]R), 143: 307, 1984
Hynes HE See Housholder DF
Hyodynmaa S See Lahtinen R
Hyrynkangas K See Makarainen H

Iaccarino M; Baldi F; Persico O; et al: ultrasonographic and pathologic study of mucoid degeneration of umbilical cord, (JCU), 14: 127, 1986

Iacona MA See Mancuso L Iaina A; Abrashkin S; Weininger J: proton MR study of different types of experimental acute renal failure in rats, (Magn Res Imag), 4: 241,

Ibuki Y See Kudo M Ida M See Matsui O

Ide M: Japanese policy and status of standardisation, (Ultrasound Med Biol), 12: 705, 1986 Ideker RE See Godwin JD

Ido K See Yuasa Y Ierace T See Derchi LE

Ierace T See Solbiati L Ierokomos A; Goin DW: primary CNS lymphoma in the cerebellopontine angle. report of a case, (Radiology), 157: 860, 1985 Ieshima A See Nishimura M

leshima A See Nishimura M leshima A; Kisa T; Yoshino K; et al: morphometric CT study of Down's syndrome showing small posterior foses and calcification of basal ganglia, (Radiology), 156: 567, 1985 Iga C See Fawwaz RA

Igarashi M See Takashi M

Igawa S; Sakai K; Kinoshita H; Hirohashi K: intraoperative sonography: clinical usefulness in liver surgery, (Radiology), 156: 473, 1985 Iglehart JD; Wolfe WG; Vernon WB; et al: electron

microscopy in selection of patients with small cell carcinoma of the lung for medical versus surgical therapy, (Radiology), 159: 569, 1986 Ihse I See Nilsson U

Iida H See Yamamoto S Iida M See Matsui T

Iida M See Matsui T Iida M; Matsui T; Fuchigami T; Iwashita A; Yao T; Fujishima M: ischemic colitis: serial changes in double-contrast barium enema examination, (Radiology), 159: 337, 1986
Iida M; Yao T; Itoh H; et al: natural history of

fundic gland polyposis in patients with familial adenomatosis coli/Gardner's syndrome, (Radiology), 160: 573, 1986

Iida M; Yao T; Watanabe H; et al: fundic gland polyposis in patients without familial adenomatosis coli: its incidence and clinical features, (Radiology), 156: 562, 1985 Iida N See Chan H-P

Iida S See Ohnishi K Iio M See Araki T lio M See Furui S lio M See Ohtomo K

lio M See Ohtomo K
lio M See Seo HS
lishi H; Yamamura H; Tatsuta M; et al: value of
ultrasonographic examination combined with
measurement of serum tuor markers in the
diagnosis of pancreatic cancer of less than 3 cm
in diameter, (Radiology), 161: 573, 1986
livanainen M See Kovanen J
ljima H See Oshima M

Ilkaheimo MJ, Pokela RE; Karkola PJ; et al: cyanotic ostium secundum atrial septal defect without pulmonary hypertension and clinical signs of heart disease. (Radiology). 152: 264, 1984 Ikari O See Netto NR Jr

Ikawa H See Kohda E Ikeda K See Goto S Ikeda M See Ishigaki T Ikeda S See Yoshimoto H Ikehira H See Ebara M Ikekubo K See Kudo M

Ikekubo K; Higa T; Hirasa M; et al: evaluation of radionuclide imaging and echography in the radionuclide imaging and echography in the diagnosis of thyroid nodules, (Clin Nucl Med),

diagnosis or tryroid nodules, (Clin Nucl Med), 11: 145, 1986 Ikezoe J; Morimoto S; Arisawa J; et al: ultrasonography of mediastinal teratoma, (JCU), 14: 513, 1986

Ikezoe J; Sone S; Higashihara T; et al: schwannoma of the trachea, (Eur J Radiol), 6: 65, 1986 Ikezoe J; Sone S; Higashihara T; et al:

sonographically guided needle biopsy for diagnosis of thoracic lesions, (AJR), 143: 229, 1984

Iko BO: computed tomography and sialography of chronic pyogenic parotitis, (Radiology), 156: 567, 1985

Iko BO: splenic abscess on ultrasonography, (Eur J Radiol), 6: 116, 1986

Iko BO; Chinwuba CE; Myers EM; et al: sarcoidosis of the parotid gland, (Br J Radiol), 59: 547, 1986 Iko BO; Teal JS; Siram SM; et al: computed

tomography of adult colonic intussusception: clinical and experimental studies, (AJR), 143: 769, 1984

Ikonen M See Monkare S Iliff NT See De Juan EE Iliya AR See Leeson MD Illescas FF See Braun SD Illescas FF See Cohan RH Illescas FF See Dunnick NR Illescas FF; Baker ME; McCann R; et al: CT

evaluation of retroperitoneal hemorrhage associated with femoral arteriography, (AJR), 146: 1289, 1986

Illescas FF; Braun SD; Cohan RH; et al: ultrasonically guided percutaneous transhepatic transcholecystocholangiography in the nondilated biliary tree, (Gastrointest Radiol), 11: 77, 1986

Illescas FF; Ford KK; Braun SD; et al: intraarterial

Illescas Fr; Ford Nx; Braun SU; et al: intraarterial digital subtraction angiography in hypertensive azotemic patients, (A/R), 143: 1065, 1984

Illescas FF; Williams RI: neontal neuroblastoma presenting with respiratory distress, (Radiology), 156: 273, 1985

Illingworth R; Shawdon H: conservative

management of intracranial extradural hematoma presenting late, (Radiology), 151:

Illum F See de Carvalho A

Illum I; Dupont E: prevalences of CT-detected calcification in the basal ganglia in idiopathic hypoparathyroidism and pseudohypoparathyroidism, (Radiology), 156: 860, 1985

Im J-G; Choi BI; Park JH; et al: CT findings of lobar bronchioloalveolar carcinoma, (JCAT), 10: 320,

Imai M See Nishimura Y Imai Y See Momoshima S Imamura H See Ito J

Imamura H See Ito J
Imamura T See Hayashi K
Imanaka K See Sasai K
Imes RK; Schatz H; Hoyt WF; et al: evolution of optociliary veins in optic nerve sheath meningioma. evolution, (Radiology), 157: 859, 1985

Immelman EJ See Jeffery PC Imray TJ See Lieberman RP Imray TJ See Milne ENC Imrie CW See McLatchie GR Inbasekaran MN See Muthiah HL Incalzi RA; Maini CL; Bonetti MG; et al: inapparent pulmonary vascular disease in an ex-heroin user, (Clin Nucl Med), 11: 266, 1986 Indeck M See Mirvis SE

Irfan AY See Peerry MM

Ingemarsson I See Jorgensen C
Ingram C; Stoker DJ: contrast media in doublecontrast arthrography of the knee: comparison
of ioxaglate and iothalamate preparations, (Br J
Radiol), 59: 143, 1986 Ingram 5 See Thomas DGT
Innes GS See Sutcliffe JF
Innis NK See Ossenkopp K-P; Prato FS; et al:
behavioral effects of exposure to nuclear
magnetic resonance imaging: II. spatial memory
tests. (Magn Res Imag). 4: 281, 1986
Inoue H See Naganuma H
Inoue K: new balloon catheter for percutaneous
transluminal angioplasty, (AJR), 144: 1069, 1985
Innue M See Kitabatake A Ingram S See Thomas DGT

Inoue M See Kitabatake A

Inoue Y; Fukuda T; Takashima S; et al: adrenoleukodystrophy: new CT findings, (Radiology), 152: 553, 1984

Inoue Y; Hakuba A; Fujitani K; et al: occult cranium bifidum. radiological and surgical findings, (Radiology), 151: 821, 1984

(Nationogy), 131: 621, 1794 Houe Y; Nemoto Y; Fujita K; Aoki H; Takemoto K; Tsukamoto Y; Oda J; Onoyama Y: pituitary dwarfism: CT evaluation of the pituitary gland, (Radiology), 159: 171, 1986 Inoue Y; Wagner HN Jr; Wong DF; et al: atlas of

dopamine receptor images (PET) of the human brain, (JCAT), 9: 129, 1985 Inouye LW See Middleton WD Inouye T See Araki T Insall IN See Schneider R

Intenzo C See Desai A Intenzo C See Greenberg SB Intenzo C See Park CH

Intenzo CM; Desai AG; Park CH: thallium-201 uptake by the sternum, (Clin Nucl Med), 11: 214, 1986

Intenzo CM; Koh YB; Madsen MT; et al: septal infarction demonstrated on technetium-99 PYP SPECT, (Clin Nucl Med), 11: 82, 1986

Inuyama Y See Kondo M Inuyama Y See Yamashita S Iozzo RV See Marinelli DL

Ippolito E; Bellocci M; Montanaro A; et al: juvenile kyphosis: ultrastructural study, (Radiology), 157: 853, 1985

Irsy G See Goth M Irthum B See Cellerier P Irving HC See Wilson-Sharp RC Irving MG See Brooks WM Irwin GAL See Bardfeld PA Irwin GAL See Daykin EL Irwin GAL See Hills D

Irwin GAL: hand-held and automated breast ultrasound, (Radiology), 160: 658, 1986 Irwin GAL: ultrasound exam review: sonographer's self-assessment guide, (Radiology), 161: 94, 1986 Irwin JF See Hadlock FP Irwin KM See Brown SB

Irwin KM See Enzmann DR Isaacs H See Senac MO Jr Isaacson G See Chervenak FA

Isaacson G; Mintz MC: prenatal sonographic visualization of the inner ear, (J Ultrasound Med), 5: 409, 1986

Isaacson J See Stanley P Isaacson PG; Spenser J; Finn T: primary B-cell gastric lymphoma, (Radiology), 161: 858, 1986 Isachsen MM See Skaane P

Isdale JM See Werner A Iseri LT See Gardin IM Ishak KG See Ros PR Isherwood I See Checkley DR Isherwood I See Gillespie JE

Isherwood I: golden age: shifting spectrum. British Institute of Radiology presidential address 1985, (Br J Radiol), 59: 643, 1986

(Br J Radiol), 59: 643, 1986
Shida My Doi K; Loo L-N; Metz CE; Lehr JL: digital image processing: effect on detectability of simulated low-contrast radiographic patterns, (Radiology), 150: 569, 1984
Ishigaki T; Sakuma S; Horikawa Y; Ikeda M; Yamaguchi H: one-shot dual-energy subtraction imaging, (Radiology), 161: 271, 1986

Ishiguro S See Sato T

Ishii E See Goto S Ishii Y See Tamaki N Ishijima B See Kim P

Ishikawa I; Masuzaki S; Saito T; et al: dynamic computed tomography in acute renal failure analysis of time-density curve, (JCAT), 9: 1097,

Ishikawa I; Saito Y; Onouchi Z; et al: delayed contrast enhancement in acute focal bacterial nephritis: CT features, (JCAT), 9: 894, 1985 Ishikawa T See Takayasu K

Ishikawa T; Saeki M; Tsukune Y; et al: detection of paraesophageal varices by plain films, (AJR), 144: 701, 1985

Ishikawa Y See Nakao N Ishimaru H See Nakata H Ishimitsu T See Yumoto Y Isitman A See Hellman RS Isitman AT See Collier BD

Isitman AT See Collier BD Iskander MF; Khoshdel-Milani O: numerical calculations of the temperature distribution in realistic cross sections of the body, (Radiology), 156: 573, 1985

Iskandrian AS See DePace NL Iskandrian AS See Nestico PF

Iskandrian AS; Amenta A; Kane SA; et al: resting kinetics of thallium-201 in patients with coronary artery disease, (Radiology), 155: 286,

1705 Iskandrian AS; Hakki A-H; Segal BL; et al: role of exercise thallium-201 imaging in decision making, (Radiology), 161: 575, 1986 Isler RJ See Greene R

ISIEF KJ See Greene R
ISIEF JM; Carter BL; Bankoff MS; et al:
differentiation of constrictive pericarditis from
restrictive cardiomyopathy by computed
tomographic imaging, (Radiology), 151: 271,
1984

Isobe Y See Yuasa Y Israel HL See Wechsler RJ Israel O See Front D Israel O See Gips S Israel O See Groshar D Israel RH See Kohan JM

Israel S See Summers RM Israels SJ; Chan HSL; Daneman A; et al: synovial sarcoma in childhood, (AJR), 142: 803, 1984 Issler C See Fanconi S

Isu T See Iwasaki Y Isu T See Miyasaka K

Isu T; Iwasaki Y; Miyasaka K; et al: reappraisal of the diagnosis in cervical disc disease: posterior longitudinal ligament perforated or not, (Neuroradiol), 28: 215, 1986 Itai Y See Furui S

Itai Y See Ohtomo K Itai Y See Seo HS

Itai Y; Furui S; Ohtomo K; et al: dynamic CT features of arterioportal shunts in hepatocellular carcinoma, (AJR), 146: 723, 1986 Y; Ohhashi K; Nagai H; Murakami Y; Kokubo T; Makita K; Ohtomo K: "ductectatic"

mucinous cystadenoma and cystadenocarcinoma of the pancreas, (Radiology), 161: 697, 1986 Itai Y; Ohtomo K; Furui S; et al: lobar intensity differences of the liver on MR imaging, (JCAT), 10: 236, 1986

Itai Y; Ohtomo K; Furui S; et al: noninvasive diagnosis of small cavernous hemangioma of the liver: advantage of MRI, (AJR), 145: 1195,

Itai Y; Ohtomo K; Kokubo T; et al: CT of hepatic masses: significance of prolonged and delayed enhancement, (AJR), 146: 729, 1986

ennancement, (AJK), 148: 729, 1986 to H; Meistrich Mt.; Barkley HT Jr, et al: protection of acute and late radiation damage of the gastrointestinal tract by WR-2721. [Int] Radiat Oncol Biol Phys), 12: 211, 1986

Ito J; Imamura H; Kobayashi K; et al: dural arteriovenous malformations of the base of anterior cranial fossa, (Radiology), 151: 266

Ito M; Patronas NJ; Di Chiro G; et al: effect of moderate level x-radiation to brain on cerebral glucose utilization, (JCAT), 10: 584, 1986 Ito T See Ando H

Itoh H See Aoki J Itoh H See Iida M Itoh H See Kawamura J Itoh H See Matsui O Itoh H See Murata K Itoh H See Nakano Y Itoh H See Senda M Itoh H See Togashi K Itoh H See Utsunomiya M Itoh K See Nakano Y Itoh K See Nishimura K

Itoh K See Togashi K Itoh K; Nishimura K; Togashi K; et al: MR imaging of cavernous hemangioma of the face and neck, (JCAT), 10: 831, 1986

Itoh T See Aoki J Itoh T See Murata K

Itoh Y; Kowada M; Mineura K: choroid plexus carcinoma: report of a case with positron emission tomographic study, (Neuroradiol), 28: 374, 1986

Itti R See Benjelloun H Itzchak Y See Degani H Itzchak Y See Graif M

Ivanceb K; Kullendorff C-M: value of computed

Ivanceo K; Rullendortr C-M; value of computed tomography in traumatic pancreatitis in children, (Radiology), 152: 851, 1984
Ivancev K; Ekelund L; Jonsson N; morphologic changes following nephrostomy track dilatation: experimental investigation in the pig, (Acta Radiol [Diagn]), 27: 123, 1986

Ivarsson SA See Weldner B-M
Iwabuchi T See Ebina K
Iwai K See Konno T
Iwama S See Ohnishi K
Iwamoto S See Yumoto Y
Iwasaki Y See Isu T
Iwasaki Y See Miyasaka K
Iwasaki Y, Abe H, Isu T, et al: CT myelography with
intramedullary enhancement in cervical
spondylosis, (Radiology), 160: 861, 1986
Iwase M; Shimizu Y; Kitahara H; et al: parathyroid
carcinoma visualized by gallium-67 citrate
scintigraphy, (J Nucl Med), 27: 63, 1986
Iwashita A See Iida M
Iwashita A See Iida M
Iwashita A See Iida M
Iwashita T; Takatori Y: lateral longitudinal stress
fracture of the patellar report of three cases, Ivarsson SA See Weldner B-M

fracture of the patella: report of three cases, (Radiology), 156: 860, 1985 lyer KS See Venugopal P Izumi T See Murata K

Jaaskinen J See Servo A Jablokow VR See Chejfec G Jablonicky P See Zahorova L Jacir N See Keller MS Jack CR Jr; Forbes G; Dewanjee MK; et al: polyvinyl alcohol sponge for embolotherapy: particle size and morphology, (AJNR), 6: 595, 1985

Jack CR Jr; Reese DF; Scheithauer BW: radiographic findings in 32 cases in primary CNS lymphoma, (AJNR), 6: 899, 1985

Jack WJI. See Duncan W
Jackels SC; Kroos BR; Hinson WH; Karstaedt N;
Moran PR: paramagnetic macrocyclic complexes
as contrast agents for MR imaging: proton
nuclear relaxation rate enhancement in aqueous
solution and in rat tissues, (Radiology), 159: 525,

Jackler RK; Dillon WP; Schindler RA: computed

Jackler RK; Dillon WP; Schindler RA: computed tomography in suppurative ear disease: a correlation of surgical and radiographic findings, (Radiology), 155: 281, 1985
Jackman RJ See Stevens GM
Jackson A See Shepherd HA
Jackson B, Dugdale L: renal artery digital subtraction angiography: outpatient investigation for renovascular hypertension, (Radiology), 157: 564, 1985
Jackson CV; Savage PJ; Quinn DL: role of fiberoptic bronchoscopy in patients with hemoptysis and a normal chest roentgenogram, (Radiology), 156: 261, 1985

261, 1985

Jackson DE Jr See Floyd JL Jackson DE Jr; Floyd JL: hemobilia: unusual cause of segmental bile duct obstruction, (Clin Nucl Med), 11: 77, 1986

Jackson DE Jr; Floyd JL: unusual cause of a hot spot on sulfur colloid liver imaging, (Clin Nucl Med), 11: 549, 1986

Med), 11: 549, 1986
Jackson DE Ir; Floyd JL; Levesque PH: hemobilia associated with hepatic artery aneurysms: scintigraphic detection with technetium-99m-labeled red blood cells. (J Nucl Med), 27: 491,

1986
Jackson DF See Hawkes DJ
Jackson FI; Glazebrook GA; Usiskin SR; et al: local
radiofrequency (RF) hyperthermia in the
treatment of cancer: Edmonton experience,
(Radiology), 155: 560, 1985
Jackson H See Raval B
Lackson H See Rayal B

Jackson H; Burke JT: sacral foramina, (Radiology), 154: 558, 1985 Jackson H; Stark P: tilted air-fluid interfaces on

chest radiographs, (AJR), 144: 37, 1985

Jackson IMD; Wu P; Lechan RM:
immunohistochemical localization in the rat

brain of the precursor for thyrotropin-releasing hormones, (Radiology), 158: 572, 1986 Jackson IT; Marsh WR; Hide TAH: treatment of

Jackson 11; Marsh WK; Flude I Art: treatment of tumors involving the anterior cranial fossa, (Radiology), 154: 565, 1985 Jackson JA; Leake DR; Schneiders NJ; et al: magnetic resonance imaging in multiple sclerosis: results in 32 cases, (AJNR), 6: 171, 1985

Jackson JH See Blue PW
Jackson JH; Blue PW; Ghaed N: glomerular
filtration rate determined in conjunction with
routine renal scanning, (Radiology), 154: 203,
1985 Jackson LK See Shin MS

Jackson LK See Shin MS Jackson MK See Giyanani VL Jackson ML; Goldfarb CR; Ongseng F: offensive wrist, (Clin Nucl Med), 11: 130, 1986 Jackson P See Nakielny RA

Jackson R See Stevenson GW Jackson VP See Becker GJ Jackson VP See duCret RP Jackson VP See Glover JL

Jackson VP See Hicks ME

Jackson VP: See Hicks ME Jackson VP; Becker GJ; Kuehn DS; Bendick PJ; Holden RW: extracranial carotid atherosclerotic vascular disease: Duplex sonography and digital subtraction angiography, (Radiographics), 4: 717, 1984

Jackson VP; Bendick PJ: duplex ultrasound screening for carotid arteriosclerotic disease in asymptomatic patients, (J Ultrasound Med), 4: 411, 1985

411, 1985
Jackson VP; Holden RW; Doering PR; et al:
sonographic diagnosis of adult hypertrophic
pyloric stenosis, (J Ultrasound Med), 4: 505, 1985
Jackson VP; Kelly-Fry E; Rothschild PA;
Holden RW; Clark SA: automated breast
sonography using a 7.5-MHz PVDF transducer:
preliminary clinical evaluation. work in
progress, (Radiology), 159: 679, 1986
Jackson VP; Kuehn DS; Bendick PJ; et al: duplex
cantild sonography; correlation with digital

Jackson VP; Kuehn DS; Bendick PJ; et al: duplex carotid sonography: correlation with digital subtraction angiography and conventional angiography. (J Ultrasound Med). 4: 239, 1985 Jackson VP; Rothschild PA; Kreipke DL; et al: spectrum of sonographic findings of fibroadenoma of the breast. (Invest Radiol). 21: 34, 1986

Jacky JP See Haynor DR

Jacky JP See Haynor DR
 Jacob AS; Pichard AD; Ohnmacht SD; et al: results of percutaneous transluminal coronary angioplasty by multiple relatively low frequency operators (Radiology), 160: 860, 1986
 Jacob J; Sartoris D; Kursunoglu S; et al: distal interphalangeal joint involvement in rheumatoid arthritis, (Radiology), 161: 284, 1986
 Jacob JR; Weisman MH; Mink JH; et al: reversible

cause of back pain and sciatica in rheumatoid arthritis: an apophyseal joint cyst, (Radiology), 161: 575, 1986

Jacobs A See Gilula LA Jacobs AJ See Worthington JL Jacobs CG See Fishman EK

Jacobs CG; Zinreich ES; Fishman EK; et al: computed tomography in radiotherapy planning of the axillary region, (CT), 10: 221, 1986

Jacobs DH; Macher AM; Handler R; et al: esophageal cryptococcosis in a patient with the hyperimmunoglobulin E-recurrent infection (Job's) syndrome, (Radiology), **156**: 561, 1985

Jacobs ER: clinical arthrography. 2d ed., (Radiology), 157: 734, 1985

Jacobs G See George CR

Jacobs G See George CR
Jacobs J: introduction to organ imaging,
(Radiology), 158: 118, 1986
Jacobs J: WHO Dasic radiological system: manual cf
radiographic interpretation for general
practitioners, (Radiology), 161: 696, 1986
Jacobs L See Rudick RA

Jacobs L, Kinkel PR; Kinkel WR: silent brain lesions in patients with isolated idiopathic optic neuritis: clinical and nuclear magnetic resonance imaging study, (Radiology), 160: 861, 1986

Jacobs NM; Grant EG; Schellinger D; Byrd MC; Richardson JD; Cohan SL: duplex carotid sonography: criteria for stenosis, accuracy, and pitfalls. (Radiology), 154: 385, 1985

Jacobs R See Kane RA Jacobs RP See Dake MD

Jacobsen B See Holm J
Jacobsen GK; Barlebo H; Olsen J; et al: testicular
germ cell tumors in Denmark, 1976-1980:
pathology of 1,058 consecutive cases,
(Radiology), 156: 286, 1985

Jacobsen LE; Houston CS; Habbick BF; et al: cystic fibrosis: comparison of computed tomography and plain chest radiographs, (J Canad Assoc Radiol), 37: 17, 1986

Radiol), 37: 17, 1986
Jacobsen ST; Crawford AH: congenital vertical
talus, (Radiology), 151: 264, 1984
Jacobsen ST; Crawford AH: humeroradial
synostosis, (Radiology), 150: 860, 1984
Jacobson F See Oldham SA

Jacobson GM; Sause WT; Thomson JW; et al: breast irradiation following silicone gel implants, (Int J Radiat Oncol Biol Phys), 12: 835, 1986

Jacobson HG See Sebring RH Jacobson HG See Subbarao K

Jacobson HG: dense bone—too much bone: radiological considerations and differential diagnosis. parts I and II, (Radiology), 157: 564, 1985

1985
Jacobson HM; Marcus RB Jr; Thar TL; et al:
pediatric neuroblastoma: postoperative
radiation therapy using less than 2000 rad,
(Radiology), 153: 273, 1984
Jacobson IM; Schapiro RH; Warshaw AL: gastric
and duodenal fistulas in Crohn's disease,
(Radiology), 160: 284, 1986
Jacobson JA See Larsen RA

Jacobson-Kram D: effects of diagnostic ultrasound on sister chromatid exchange frequencies: a review of the recent literature, (Radiology), **152**: 567, 1984 Jacobsson B See Hellstrom M

Jacobsson B See Hellstrom M Jacobsson H; Larsson SA; Vesterskold L; et al: application of single photon emission computed tomography to the diagnosis of ankylosing spondylitis of the spine, (Radiology), 153: 575, 1984

Jacobsson M: Kalebo P: Albrektsson T: et al: Jacobsson M; Kalebo P; Albrektsson T; et al: provoked repetitive healing of mature bone tissue following irradiation: quantitative investigation. (Acta Radiol [Oncol]), 25: 57, 1986 Jacobstein MD See Fletcher BD Jacoby C See Dolan K Jacoby CG; Smith WL; Albanese MA: evaluation of

computer-assisted instruction in radiology, (AJR), 143: 675, 1984

Jacquemard P See Eisenscher A

Jacques Jese Road JD
Jacques Jese Road JD
Jacques PF See Stuckman ML
Jaeger N; Radeke HW; Adolphs HD: pathological
urinary bladder in sonography. (Radiology),
151: 276, 1984

Jaeger P See Gerster J-C Jaffe CC See Burns PN Jaffe CC: heart, (Clin Diagn Ultrasound), 14: 275,

Jaffe MH See Brody JM

Jaffe MH See Choyke PL Jaffe MH See Clark LR Jaffe MH See Feuerstein IM

Jaffe MH See Gross BH Jaffe MH See Pien EH Jaffe MH See Pien EH
Jaffe MH See Zeman RK
Jaffe N See Shirkhoda A
Jaffe RB See Boyer RS
Jaffe RB See Demas BE
Jaffe RB See Hricak H

Jaffe RB; Corneli HM: fluoroscopic removal of ingested alkaline batteries, (Radiology), 150: 585, 1984

Jaffe RB; Orsmond GS; Veasy LG: inadvertent ligation of the left pulmonary artery, (Radiology), 161: 355, 1986

Jaffers GJ See Orzel JA Jafri SZ See Aisen AM Jafri SZH See Borrero GO Jafri SZH See McCracken S Jafri SZH See Stuck KJ

Jatri SZH, Sasen AM; Glazer GM; et al: comparison of CT and angiography in assessing resectability of pancreatic carcinoma. (AJR). 142: 525, 1984 Jafri SZH; Amendola MA; Brady TM; et al: angiographic patterns of involvement in renal and perirenal lymphoma. (Radiology). 153: 561,

Jafri SZH; Bree RL; Silver TM; Ouimette M: fetal ovarian cysts: sonographic detection and association with hypothyroidism, (Radiology), 150: 809, 1984

Jagust WJ; Budinger TF; Huesman RH; et al: methodologic factors affecting PET measurements of cerebral glucose metabo Nucl Med), 27: 1338, 1986

Jahren R See Westby M Jahrsdoerfer R See Cannon CR Jain A See Ouyang P

Jaindl JJ See Kirby JC Jakimowicz JJ; Mak B; Carol EJ; et al: postoperative choledochoscopy. a five-year experience (Radiology), **151**: 546, 1984 **Jakowenko N** See **Stringer DA** 

Jakse G See Rauschmeier H Jakse R See Stammberger H Jalkh AE; Avila MP; El-Markabi H; et al: immersion A- and B-scan ultrasonography. its use in preoperative evaluation of diabetic vitreous hemorrhage, (Radiology), 154: 280,

1985 Jallow S See Gass JDM Jamal H See Eviatar A James AE See Kulkarni MV James AE Jr See Mitchell MR James AE Jr See Runge VM

James AE Jr See Warner MA
James AE Jr See Warner MA
James AE Jr See Winfield AC
James AE Jr: medical imaging technology in a
societal context, (AJR), 144: 1109, 1985
James AE Jr; Bundy AL; Fleischer AC; et al: legal
aspects of diagnostic sonography, (Semin US CT
MR), 6: 207, 1985

MR), 6: 207, 1985 James AE Jr; Carroll F; Pickens DR III; Chapman JC; Robinson RR; Pendergrass HP; Zaner R: medical image management, (Radiology), 160: 847, 1986 James AE Jr; Carroll BA; Thieme GA; et al: studies

of blood flow employing duplex, pulsed Doppler real-time, sonography, (Radiology), 151: 556, 1984

James AE Jr; Fleischer AC; Sacks GA; Greeson T: ectopic pregnancy: malpractice paradigm, (Radiology), 160: 411, 1986 James AE Jr; Fleischer AC; Thieme GA; et al:

diagnostic ultrasonography: certain legal considerations, (J Ultrasound Med), 4: 427, 1985 James AE Jr; Greeson T; Price RR; et al: legal and

ethical choices in a technologic discipline: imaging centers, DRGs, and the radiologist, (Invest Radiol), 21: 746, 1986

James AE Jr; Greeson T; Price RR; et al: legal and ethical issues in a technologic discipline: new times, new choices, (Invest Radiol), 21: 673, 1986

James AE Jr.; Sloan FA; Hamilton R; Chick B; Zaner RM; Pendergrass HP; Stephens WH; Quimby CW Jr; Greson T: antirust aspects of exclusive contracts in medical imaging, (Radiology), 156: 237, 1985 James BR See Chan PKL

James EM See Charboneau JW James EM See Edmonson GR James EM See Grantham JG

James EM See May GR James EM See Nichols DA

James EM See Nichols DA
James EM See Reading CC
James EM See Reading CC
James EM: See Teefey SA
James EM; Charboneau JW: high-frequency (10
MHz) thyroid ultrasonography, (Semin US CT
MR), 6: 294, 1985
James T. See Schmidt HC
James TL See Schmidt HC
James TL See Wolff S
Jamieson SW See Chiles C
Jamieson TW; De Smet AA; Stechschulte DJ:
erosive arthropathy associated with

erosive arthropathy associated with scleromyxedema, (Radiology), 159: 572, 1986

Jamieson WRE; Pelletier LC; Janusz MT; et al: five-year evaluation of the Carpentier-Edwards porcine bioprosthesis, (Radiology), 156: 263, 1985

Jamroz GA See Siegel MJ Jamroz GA: Blocker SH; McAlister WH: radiographic findings after incomplete pyloromyotomy, (Gastrointest Radiol), 11: 139, 1986

Jan JE See Larsen TA Janaki LM; Gardner JE; Medlin VL; Gates JR: carcinoma recurrence in the tracheal stoma: treatment with intracavitary radiation by modification of tracheostomy tube, (Radiology), 159: 275, 1986

159: 275, 1986
Janisch H See Berneschek G
Jankovic J; Kirkpatrick JB; Blomquist KA; et al:
late-onset Hallervorden-5patz disease
presenting as familial Parkinsonism,
(Radiology), 157: 855, 1985
(Radiology), 157: 855, 1985
Januer M J See Loopeld GR
Januer M J See Loopeld GR

Janower ML See Leopold GR Janower ML See Smith JC Janower ML See Zapolsky JH

Janower ML: by persensitivity reactions after barium studies of the upper and lower gastrointestinal tract, (Radiology), 161: 139, 1986 Janower ML: radiology department management system: technologists' costs, (Radiology), 159: 566, 1986

Janower ML; Jennas-Nocera Z; Mukai J: utility and efficacy of portable chest radiographs, (AJR), 142: 265, 1984

Janowitz W See Sheldon JJ Janowska-Wieczorek A See Brauer M Janowska-Wieczorek A See Brauer M
Jansen JBMJ See Hopman WPM
Jansen RS See Cohen MD
Jansen RC See Gussenhoven WJ
Jansen RC See Gussenhoven WJ
Jansen RS See Kaye AD
Janssen RS, Kaye AD; Lisak RP; et al: radiologic
evaluation of the mediastinum in myasthenia
gravis, (Radiology), 150: 853, 1984
Jantsch H See Greene R
Jantsch H See Waneck R

Jantsch H See Wittich G
Janus CL: somographic appearance of the
abnormally positioned Foley catheter, (J
Ultrasound Med), 4: 439, 1985
Janus J See Hornak JP
Janus J: carcinoma of the breast: diagnosis and
treatment, (Radiology), 154: 612, 1985
Janus J: teaching atlas of mammography,
(Radiology), 154: 592, 1985
Janusz MT See Jamieson WRE
Januzz K S See O'Brien WD Jr
Janvresse A See Bercoff E

Januresse A See Bercoff E Janzer RC See Shokry A Japp B See Chenery SGA Jaques PF See Mandell VS Jaques PF See Mauro MA

Jaques PF See Nath HP

Jaques PF See Nath HP
Jaques PF; Mauro MA: drainage of pelvic abscesses
through the greater sciatic foramen,
(Radiology), 166: 278, 1986
Jaques PF; Mauro MA; Safrit H; et al: CT features of
intraabdominal abscesses: prediction of
successful percutaneous drainage, (AJR), 146:
1041, 1986
Jaramillo D See Stark P
Jaramillo D Allan NK: Rayal B: computed

Jaramillo D See Stark P
Jaramillo D; Allan NK; Raval B: computed
tomography of vaginitis emphysematosa,
(JCAT), 10: 522, 1986

Jaramillo D; Kim EE: demonstration of a cold
abscess by gallium-67 imaging in a patient with
Job syndrome, (AJR), 147: 610, 1986

Jardin M; Lemaitre L; Remy J: narrow superior
mediastinum and pseudomasses: CT features,
(JCAT), 10: 603, 1986

Jardin M; Remy J: segmental bronchovascular anatomy of the lower lobes: CT analysis, (AJR), 147: 457, 1986 Jaretzki A III See Laffey KJ Jarmakani JM See Hiraishi S Jarmolowski CA See Winzelberg GG Jarmolowski CR See Obley DL Jarvis J; McIntyre W; Udjus K; et al: osteomyelitis of the ischiopubic synchondrosis, (Radiology), 157: 570, 1985 Jasani N See Sims ME Jaschke W See Assimakopoulos PA Jaschke W; Kaick G; Peter S; et al: accuracy Jassinks 11; Raick v; Peter 5; et al: accuracy of computed tomography in staging of kidney tumors, (Radiology), 150: 614, 1984 Jaspan T; Gregson R: case report. extra-medullary plasmacytoma of the kidney, (Radiology), 152: 841, 1984 Jassy LN See Bookstein JJ Jasty M See Milgram JW Jaszczak RJ See Coleman RE Jaszczak RJ See Fearnow EC III

Jaszczak RJ See Osborne DR Jaw T-S; Wu C-C; Ho Y-H; et al: diagnosis of obstructive jaundice in infants: Tc-99m DISIDA in duodenal juice, (Radiology), 154: 275, 1985

Jay M See Ogihara I Jayasinge LSJ See Daunt N Jeannin L See Camus P Jeans WD See Paisey R Jeans WD See Singcharoen T Jeans WD See Wood CH

Jeans WD; Danton RM; Baird RN; et al: comparison of the costs of vascular surgery and balloon dilatation in lower limb ischaemic disease, (Br J Radiol), **59**: 453, 1986

Radioll, 93' 4-95, 1906
[Pans WD; Danton RM; Baird RN; et al: effects of introducing balloon dilatation into vascular surgical practice, (Br J Radiol), 59: 457, 1986
[Jeans WD; Mackenzie S; Baird RN: angiography in transient cerebral ischaemia using three views of the carotid bifurcation, (Br J Radiol), 59: 135, 1986

Jeanty P See Romero R Jeanty P See Schmidt W Jeanty P See Yarkoni S

Jeanty P: simple reporting system for obstetrical ultrasonography, (J Ultrasound Med), 4: 591, 1985

Jeanty P; Ammann W; Cooperberg PL; et al: mobile intraluminal masses of the gallbladder, (Radiology), 150: 298, 1984

Jeanty P; Beck GJ; Chervenak FA; et al: comparison of sector and linear array scanners for the measurement of the fetal femur, (J Ultrasound Med), 4: 525, 1985

Jeanty P; Beck GJ; Chervenak FA; et al: comparison of sector and linear array scanners for the measurements of the fetal femur, (Radiology), 158: 863, 1986

Jeanty P; Renoy P; Van Kerkem J; et al: ultrasonic demonstration of the amnion, (Radiology), 150: 300, 1984

Jeanty P; Rodesch F; Delebeke D; et al: estimation of gestational age from measurements of fetal long bones, (Radiology), 153: 860, 1984 Jeanty P; Romero R: estimation of the gestational age, (Semin US CT MR), 5: 121, 1984

Jeanty P; Romero R: fetal limbs: normal anatomy and congenital malformations, (Semin US CT MR), 5: 253, 1984

Jeanty P; Romero R; Cantraine F; et al: fetal cardiac dimensions: a potential tool for the diagnosis of congenital heart defects, (Radiology), 155: 285, 1985

Jeanty P; Romero R; d'Alton M; et al: in utero sonographic detection of hand and foot deformities, (J Ultrasound Med), 4: 595, 1985

Jeanty P; Romero R; Hobbins JC: fetal limb volume: new parameter to assess fetal growth and nutrition, (J Ultrasound Med), 4: 273, 1985

Jeanty P; Romero R; Hobbins JC: vascular anatomy of the fetus, (Radiology), 153: 573, 1984

Jeekel J See Eggermont AM

Jeffers LJ See Russell E Jeffery PC; Immelman EJ; Harries-Jones P: popliteal artery entrapment syndrome. report of 2 cases, (Radiology), 158: 574, 1986 Jeffree MA See Nolan DJ

Jeffree MA; Barger SJ; Hemingway AP; et al: primary carcinoid tumours of the ileum: radiological appearances, (Radiology), 156: 266,

Jeffrey RB Jr See Barakos JA Jeffrey RB Jr See Cooper C Jeffrey RB Jr See Federle MP Jeffrey RB Jr See Goodman PC Jeffrey RB Jr See Guillaumin E Jeffrey RB Jr See Hashimoto BE Jeffrey RB Jr See Helms CA Jeffrey RB Jr See Hightower DR Jeffrey RB Jr See Kerlan RK Jr

Jeffrey RB Jr See Laing FC Jeffrey RB Jr See LaBerg JM Jeffrey RB Jr See Mahony BS Jeffrey RB Jr See Nyberg DA Jeffrey RB Jr See Rego JD Jr Jeffrey RB Jr See Rhyner P JELIEV KB JI See KNYNER P Jeffrey RB JI See Townsend RR Jeffrey RB Jr See Vernacchia FS Jeffrey RB Jr See Wing VW Jeffrey RB Jr: modified Cope introducer set for rapid insertion of a safety wire, (AJR), 147: 828, 1986

Jeffrey RB Jr; Federle MP; Laing FC; et al: computed tomography of blunt trauma to the gallbladder, (JCAT), 10: 756, 1986

gallbladder, (JCAT), 10: 756, 1986

Jeffrey RB Jr, Laing FC: high-resolution real-time sonography of fetal cardiovascular anatomy, (Radiology), 150: 300, 1984

Jeffrey RB Jr, Laing FC; Wing VW: extrapancreatic spread of acute pancreatitis: new observations with real-time US, (Radiology), 159: 707, 1986

Jeffrey RB Jr, Laing FC; Wing VW; et al: sensitivity of sonography in pyonephrosis: a reevaluation, (AJR), 144: 71, 1985

Jeffrey RB Ir: Laine FC: Wine VW: ultrasound in

Jeffrey RB Jr; Laing FC; Wing VW: ultrasound in acute pancreatic trauma, (Gastrointest Radiol), 11: 44, 1986

11: 44, 1986 Jeffrey RB Jr; Laing FC; Wing VW; Hoddick WK: sonography of the fetal duplex kidney, (Radiology), 153: 123, 1984 Jeffrey RB Jr; Nyberg DA; Bottles K; et al: abdominal CT in acquired immunodeficiency syndrome, (AJR), 146: 7, 1986

Syntholine, (A)R), 1405. / 1900
Jeffrey RB Jr; Wing VW, Laing FC: real-time sonographic monitoring of percutaneous abscess drainage, (A)R), 144: 469, 1985
Jeffs RD See Nussbaum AR
Jelinek J; Overton TR: simulation of CT

reconstruction artifacts associated with multiple-rotation fan-beam data collection, (Comput Radiol), 10: 23, 1986 Jelsma RK See Rice JF Jena A See Prakash R

Jenkin RDT See Berry MP Jenkins A See Tegtmeyer CJ Jenkins HA See Lipkin AF Jenkins JPR See Anderson H Jenkins TC See Ahmed I Jenkins TC See Silver ARJ

Jennas-Nocera Z See Janower ML Jenni R; Goebel N; Tartini R; et al: persisting ni K, Goebel N, Lardini K, et ali: persisting myocardial sinusoids of both ventricles as an isolated anomaly: echocardiographic, angiographic, and pathologic anatomical findings, (Cardiovasc Intervent Radiol), 9: 127, 1992

Jennings AS See Radecki PD Jennings C; Kelleher J: intussusception: influence of age on reducibility, (Radiology), 154: 854, 1985

Jennings EC See Park HC Jennings TA See Carter AR Jenrette JM III See Moore L Jensen BG See Webb WR

Jensen BG See Webb WK
Jensen KM See Elster AD
Jensen LB See Gjorup T
Jensen LI See Johnsen A
Jensen ME; Lipper MH: CT in iatrogenic cerebral air
embolism, (AJNR), 7: 823, 1986
Jensen OM See Schifter S

Jensen GM See Schifter S Jensen RT See Krudy AG Jensen SR See Bennett LN Jensen SR See Voegeli DR Jensen SR; Mackey JK: xeromammography after augmentation mammoplasty, (AJR), 144: 629, 1985

Jensen SR; Voegeli DR; Crummy AB; et al: iliac artery rupture during transluminal angioplasty: treatment by embolization and surgical bypass, (AJR), 145: 381, 1985

Jensik RJ See Mathisen DJ Jenyo MS; Komolafe F: tuberculous pathological fracture of the femur in a 15-year-old boy (Pediatr Radiol), 16: 260, 1986 leon SC See Park IH

Jequier S See Cramer BC Jequier S See Dorne HL Jequier S See Lilue RE Jequier S See Mueller B Jequier S See Pedicelli G

Jequier 5; Capusten B; Guttman F; et al: childhood choledochal cyst with intrahepatic enlarged cyst-like bile ducts, (Radiology), 153: 851, 1984

Jequier S; Cramer B; Goodyer P; et al: renal ultrasound in metabolic bone disease, (Pediatr Radiol), 16: 135, 1986

Jequier S; Cramer B; O'Gorman AM: ultrasound of the spinal cord in neonates and infants, (Radiology), 158: 282, 1986 Jequier S; Forbes PA; Nogrady MB: value of ultrasonography as a screening procedure in a first-documented urinary tract infection in children, (J Ultrasound Med), 4: 393, 1985 Jereb B See Parvinen LM

Jernigan TL See Pfefferbaum A

Jesmanowicz A See Froncisz W Jesmanowicz A See Grist TM Jesmanowicz A See Kneeland JB

smanowicz A See Kneeland JB
smanowicz A; Froncisz W; Grist TM; et al:
sectorial loop-gap resonator for <sup>31</sup>P NMR of the
adult human liver at 1.5 T with surface tissue
suppression, (Magn Res Med), 3: 76, 1986
the V See Fossa SD

Jetne V See Possa SD Jette D See Rozenfeld M Jewell WR See Mansfield CM Jewett MAS See Poon PY Jeweit WA See Manstield CM
Jeweit WA See Poon PY
Jhaveri HS See Edelman RR
Jhunjhunwala JS See Kar A
Jiang HB See Li D
Jimenez JF See Redman JF
Jimenez JF See Seibert RW
Jing B-S See Geoffray A
Jinno K See Yumoto Y
Joachim CL See Kaye JA
Joannides T; Pringle JAS; Shaw DG; et al: giant cell
tumour of bone in focal dermal hypoplasia,
(Radiology), 152: 551, 1984
Jocham D See Chaussy C
Jochelson MS See Stomper PC
Jochelson MS: complications of treatment for
Hodgkin's and non-Hodgkin's lymphoma,
(Semin US CT MR), 6: 395, 1985
Jochelson MS; Garnick MB; Ballikian JP; et al:
efficacy of routine whole lung tomography in
germ cell tumors, (Radiology), 155: 860, 1985
Joffe HS See Buirski G

germ Ceit tumors, (kaciology), 159: 800, 1965 Joffe HS See Buirski G Johansen J See Barthelemy CR Johansen JG See Daniels DL Johansen JG; Barthelemy CR; Haughton VM; et al: arachnoiditis from myelography and laminectomy in experimental animals, (AJNR), 5-97 1084

Johansen JG; Hemminghytt S; Haughton VM: CT appearance of the retroisthmic cleft, (AJNR), 5:

appearance of the retroisthmic cleft, (A)NR), 5: 335, 1984 Johansen LV; Hjelm-Hansen M; Anderson AP: squamous cell carcinoma of the nasal vestibule, (Radiology), 155: 559, 1985 Johansson B See Ringden O

Johansson K-E See Kingden O Johansson K-E See Fransson SG Johansson R See Wojciechowski J Johansson R See Zackrisson BF John E See Ambler R

John E See Ambler R
John V See Alberti W
Johns PC See Yaffe MJ
Johns T See Sherman JL
Johns TT; Citrin CM; Black J; et al: CT evaluation of
perineural orbital lesions: evaluation of the
"tram-track" sign, (AJNR), 5: 587, 1984
Johnsen A; Jensen LI; Mauritzen K: balloondilatation of esophageal strictures in children,
(Pediatr Radiol), 16: 388, 1986

(Pediatr Radiol), 16: 388, 1986 Johnson A See Berger G Johnson AC See Jolles H Johnson AD See Bowen JS Johnson AG See Eyre-Brook IA Johnson See Mittal BU Johnson B See Mittal BU Johnson CD; Baker ME; Dunnick NR; CT

demonstration of an adrenal pseudocyst, (JCAT), 9: 817, 1985 Johnson CD; Rice RP: acute abdomen: plain

radiographic evaluation, (Radiographics), 5: 259, 1985 Johnson CD; Rice RP; Kelvin FM; et al: radiologic

Johnson CD; Rice RF; Reivin FM; et al: radiologic evaluation of gross cecal distension: emphasis on cecal ileus, (AJR), 145: 121, 1985 Johnson CM See Kron TK Johnson CM; Sheedy PF II; Welch TJ; et al: CT of the datenal cortex, (Semin US CT MR), 6: 241, tree drenal cortex, (Semin US CT MR), 6: 241,

Johnson CM; Welch TJ; Hattery RR; et al: CT of the adrenal medulla, (Semin US CT MR), 6: 219,

Johnson CM III See Brecht K Johnson CM III See Sistrom CL Johnson DA See Drane WE Johnson DE See Blacher E Johnson DG See Harnsberger JK Johnson DG; Coleman RE; McCook TA; et al: bone

jonnson DG; Coleman RE; McCook TA; et al: bone and liver images in medullary carcinoma of the thyroid gland: concise communication, (Radiology), 154: 284, 1985 Johnson DG; Johnson SM; Harris CC; Piantadosi CA; Blinder RA; Coleman RE: Ga-67 uptake in the lung in sarcoidosis, (Radiology), 150: 551, 1984

150: 551, 1984
Johnson DH Jr. CT of maxillofacial trauma, (Radiol Clin North Am), 22: 131, 1984
Johnson DM; Hopkins RJ; Hanafee WN; Fisk JD: unprotected parasphenoidal carotid artery studied by high-resolution computed tomography, (Radiology), 155: 137, 1985
Johnson DW See Voorhees RL
Johnson DW: air cisternography of the cerebellopontine angle using high-resolution computed tomography, (Radiology), 151: 401, 1984

Johnson DW: CT of the postsurgical ear, (Radiol Clin North Am), 22: 67, 1984

Johnson DW; Hasso AN; Stewart CE III; Thompson JR; Hinshaw DB Jr: temporal bone trauma: high-resolution computed tomographic evaluation, (Radiology), 151: 411, 1984 Johnson DW; Hinshaw DB Jr; Hasso AN; et al: computed tomography of local complications of temporal bone cholesteatomas, (JCAT), 9: 519, 1985

1995
Johnson EW Jr See Merkel KD
Johnson GA See Drayer BP
Johnson GA; Be McAdams HP
Johnson GA; Danieley N; Ravin CE: processing
alternatives for digital chest imaging, (Radiol
Clin North Am), 23: 335, 1985
Johnson GA; Herfkens RJ; Brown MA: tissue
relaxation time: in vivo field dependence,
(Radiology), 156: 805, 1985
Johnson GF See Robinow M
Johnson GF See Unger FM

Johnson GF See Unger FM Johnson HA See Bankoff MS Johnson J See Curtin HD Jonnson J See Curtin HD Johnson J See Fink-Bennett D Johnson JA See Lee KR Johnson JA See Murphey MD Johnson JA See Templeton AW Johnson JA; Rumack CM; Johnson ML; et al: cystic

Jonnson JA; Kumack CM; Jonnson ML; et al: cystic adenomatoid malformation: antennatal demonstration, (AJR), 142: 483, 1984 Johnson JB See Salazar JE Johnson JE; Yang PJ; Seeger JF; et al: vertical fracture of the odontoid: CT diagnosis, (JCAT), 10: 311, 1986

Johnson JF See Kelly RB Johnson JF See Turner PA Johnson JF; Lehman RM; Shiels WE; Blaney SM: osteolysis in cat-scratch fever, (Radiology), 156: 373, 1985

Johnson JP; Carey JC; Gooch WM III; et al: femoral hypoplasia. unusual facies syndrome in infants with diabetic mothers, (Radiology), 150: 860, 1984

1984 Johnson JR See Johnson RJ Johnson JS See Shuman WP Johnson K See Edelman RR Johnson KA See Brown ML Johnson LS See Wolfel DA

Johnson LS See Wolfel DA
Johnson MA See Dubowitz LMS
Johnson MA See Hirji MK
Johnson MA; Desai S; Hugh-Jones K; et al:
magnetic resonance imaging of the brain in
Hurler syndrome, (AJNR), 5: 816, 1984
Johnson MA; Hirji MK; Hennig RC; Williams D:
pericardial abscess: diagnosis using twodimensional echocardiography and CT,
(Radiology), 159: 419, 1986
Johnson MA; Li DKB; Bryant DJ; et al: magnetic
resonance imaging: serial observations in

Johnson MA; Li DNo, Bryaint DJ; et al: magne resonance imaging: serial observations in multiple sclerosis, (AJNR), 5: 495, 1984 Johnson MB See Ralls PW Johnson MH; Seryser GS; De Filipp GF; et al: silicone implants for treatment of retinal detections of provided mean productions.

silicone implants for treatment of retinal detachment: computed tomographic appearance, (AJNR), 5: 59, 1984

Johnson ML See Johnson JA

Johnson ML See Pettigrew RI

Johnson MR; Brayden GP; Ericksen EE; et al: changes in cross-sectional area of the coronary lumen in the six months after angioplasty: quantitative analysis of the variable response to percutaneous transluminal angioplasty.

quantitative analysis of the variable response to percutaneous transluminal angioplasty, (Radiology), 160: 574, 1986

Johnson ND: atlas of pediatric orthopedic radiology, (Radiology), 161: 358, 1986

Johnson ND: pediatric neurosonography: clinical, tomographic, and neuropathologic correlates, (Radiology), 160: 236, 1986

Johnson P Sec Goldstein MS

Johnson P M See Epenetos AA

Johnson RD See Rosenthal DI

Johnson RD: Davidson S; Saunders JB; et al: fractures on chest radiographs as indicators of alcoholism in patients with liver disease, (Radiology), 153: 266, 1984

Johnson RD; Mueller PR; Ferrucci JT Jr: percutaneous drainage of pyogenic liver

Johnson KU; Mueller PK; Ferrucci J I Jr:
percutaneous drainage of pyogen icliver
abscesses, (AJR), 144: 463, 1985
Johnson RJ; Johnson JR: paragonimiasis in
Indochinese refugees. roentgenographic
findings with clinical correlations, (Radiology),
151: 543, 1984

151: 543, 1984
Johnson RP See Collier BD
Johnson SM See Johnson DG
Johnson T See Peters LJ
Johnson TS See Edelman RR
Johnson WC See Gale ME
Johnson WC See Gerzof SG
Johnson WC; Gale ME; Gerzof SG; et al: role of

Johnson WC; Gale ME; Gerzot SG; et al: role of computed tomography in symptomatic aortic aneurysms, (Radiology), 160: 287, 1986 Johnsrude IS See Schneider JR Johnsrude IS; Silverman JF; Weaver MD; et al: rapid cytology to decrease pneumothorax incidence after percutaneous biopsy, (AJR), 144: 793, 1985

Johnsson L-G See Palva T

Johnston DL; Thompson RC; Liu P; et al: magnetic resonance imaging during acute myocardial infarction, (Radiology), 161: 861, 1986

Johnston GS See Rosenbaum RC Johnston KW See Douville Y Johnston KW See Poots JK

Johnston MR: median sternotomy for resection of pulmonary metastases, (Radiology), 151: 257,

Johnston RA See Kohi YM Johnston WH See Dorwart RH Johnston WK See Colapinto RF

Johnston WW See Szpak CA

Johnston WW; Szpak CA; Lottich SC; et al: use of a
monoclonal antibody (872.3) as a novel
immunohistochemical adjunct for the diagnosis
of carcinomas in fine needle aspiration biopsy
specimens, (Radiology), 161: 864, 1986

Johsen T See Kawashima A Jokio P See Laasonen EM

Johns T-See Labourn Em Jolesz FA, Polak JF, Ruenzel PW; Adams DF: Wallerian degeneration demonstrated by magnetic resonance: spectroscopic measurements on peripheral nerve, (Radiology), 152: 85, 1984

Jolles CJ; Freedman RS; Hamberger AD; et al: complications of extended-field therapy for cervical carcinoma without prior surgery, (Int J Radiat Oncol Biol Phys), 12: 179, 1986 Jolles H See Ell SR

Jolles H; Johnson AC; Ell SR: subcutaneous calcifications masquerading as pulmonary lesions in long-term hemodialysis. review of nodular pulmonary opacities in the population undergoing hemodialysis, (Radiology), 158: 566,

Jolles PR See Shin MS Jolles PR; Shin MS; Jones WP: aortopulmonary window lesions: detection with chest radiography, (Radiology), 159: 647, 1986

Joly M See Franquet T Jones A: complicated case of appendicitis, (Clin Radiol), 37: 407, 1986 Jones B See Cala LA

ones B See Cockey BM Jones B See DeLange HE Jones B See Fakhri A

Jones B See Farmlett EJ Jones B See Greenstein S nes B See Greyson-Fleg RT Jones B See Magid D Jones B See Ptasznik J

Jones B See Scatarige JC Jones B See Van Weelde BJG Jones B; Bayless TM; Fishman EK; et al: lymphadenopathy in celiac disease: comput tomographic observations, (AJR), 142: 1127,

Jones B; Bayless TM; Hamilton SR; et al: "bubbly" duodenal bulb in celiac disease: radiologic-pathologic correlation, (AJR), 142: 119, 1984

Jones B; Fishman EK; Hamilton SR; et al: submucosal accumulation of fat in inflammatory bowel disease: CT/pathologic correlation, (JCAT), 10: 759, 1986

Jones B; Fishman EK; Kramer SS; et al: computed tomography of gastrointestinal inflammation after bone marrow transplantation, (AJR), 146: 691, 1986

Jones CV See Cole FH Jr Jones D See Bush WH

Jones DA; Stout R: results of intracavitary radium treatment for adenocarcinoma of the body of the uterus, (Clin Radiol), 37: 169, 1986

Jones DC See Shuman WP

Jones DG See Shrimpton PC Jones DK; Dent RG; Rimemr MJ; et al: thin-walled ring shadow in early pulmonary sarcoidosis, (Radiology), 154: 847, 1985

Jones DK; Godden D; Cavanagh P: alpha-1-antitrypsin deficiency presenting as bronchiectasis, (Radiology), 158: 281, 1986

Jones EL See Cheung EH Jones H See Detrano R Jones H See Sartoris DJ

Jones HR Jr; Hedley-Whyte ET; Freidberg SR; et al: ataxic Creutzfeldt-Jakob disease: diagnostic techniques and neuropathologic observations in early disease, (Radiology), 157: 855, 1985

Jones J See Rigor VU Jones JP: computers in ultrasound, (Radiographics), 5: 105, 1985

Jones KL See Culler FL

Jones KR; Robinson PJ: organ volume determination by CT scanning: reduction of respiration-induced errors by feedback monitoring, (JCAT), 10: 167, 1986

Jones M: brain CT: introduction, (Radiology), 161:

Jones M: clinical computed tomography: illustrated procedural guide, (Radiology), 161: 646, 1986

Jones M: radiology of liver circulation, (Radiology), 161: 690, 1986

Jones MD See Nussbaum AR
Jones MD; Edwards KC; Ong E: cervicothoracic
junction on chest radiograph, (Radiol Clin
North Am), 22: 487, 1984
Jones MD; Heitzman ER: RSNA today, (Radiology),

161: 276, 1986 ones MM See Runge VM

Jones MW: evaluation of the double contrast small bowel enema in Crohn's disease of the small intestine, (Radiology), 154: 554, 1985

Jones RD See Fong TC
Jones RL See Aaron JO
Jones SE See Bethancourt B
Jones T See Spinks TJ
Jones TB See Braver JM
Jones TB See Bundy AL

Jones TB See Cayea PD Jones TB See Hernanz-Schulman M Jones TB; Dubuisson RL; Hughes JJ; et al: abrupt termination of the common bile duct: a sign of malignancy identified by high-resolution real-time sonography, (Radiology). 152: 864, 1984 Jones TB; Riddick LR; Harpen MD; et al:

ultrasonographic determinations of renal mass and renal volume, (Radiology), **151**: 559, 1984 **Jones WG** See **Chisholm EM** 

Jones WP See Jolles PR Jong R See Baines CJ Jongeward R See McCracken S Jonnes SV See Stoker AF

Jonnes SV See Stoker AF
Jonson R; Roos B; Hansson T: bone mineral
measurement with a continuous roentgen ray
spectrum and a germanium detector, (Acta
Radiol [Diagn]), 27: 105, 1986
Jonsson K; Sigfusson BF: arthrosis of the lunatecapitate joint, (Radiology), 152: 842, 1984
Jonsson N See Ekelund L
Jonsson N See Ekelund L

ma R; Kendall BE: diagnosis and management of pineal tumor, (Radiology), 152: 258, 1984

Joosten E See Van Steenbergen W Jordaan HVF: estimation of fetal weight by ultrasound, (Radiology), 151: 275, 1984 Jordan CE See Taylor GA

Iordan D See Vannier MW Jordan GH See Terhune DW Jordan KR See Hinshaw DB Jr Jordan ML See Geisinger MA

Jordan SC See Buirski G Jordan SC See Burrski G Jorgensen C; Ingemarsson I; Svalenius E; et al: ultrasound measurement of the fetal cerebral ventricles: prospective, consecutive study, (JCU), 14: 185, 1986

Jorgensen J See de Carvalho A Jorgensen K See Overgaard J

Jorgensen R Sec Overgaaru J Jorizzo J See Kumar R Jorizzo JR; Amparo EG: MR imaging of blue rubber bleb nevus syndrome, (JCAT), 10: 686, 1986 Joruff H; Lindstedt E: urogenital schistosomiasis: CT evaluation, (Radiology), 157: 745, 1985

Jose B See Wilson DL

Jose have Mison D. Josefson PO; Andren L; Gentz CF; et al: arthrography of the dislocated elbow joint, (Radiology), 154: 555, 1985 Joseph AEA See Creagh-Barry M Joseph AEA See Maudgal DP

Joseph AEA See Savage PE Joseph AEA See Wilson AG

Joseph B; Chacko V: acro-osteolysis associated with hypertrophic pulmonary osteoarthropathy and pachydermoperiostosis, (Radiology), 154: 343,

Joseph B; Chacko V: radiographic features of osteoarthropathy: reply, (Radiology), 157: 554,

Joseph G See Millward SF Joseph N; Vogelzang RL; Hidvegi D; et al: computed tomography of retroperitoneal Castleman disease (plasma cell type) with sonographic and angiographic correlation (JCAT), 9: 570, 1985

Joseph P See Roberts D Joseph PM See Gomori JM Joseph PM See Grossman RI Joseph PM See Hackney DB

Joseph PM See Kundel HL Joseph PM See Wolf GL

Joseph PM: spin echo chemical shift MR imaging technique, (JCAT), 9: 651, 1985

Joseph PM; Fishman JE; Mukherji B; et al: in vivo <sup>19</sup>F NMR imaging of the cardiovascular system, (JCAT), 9: 1012, 1985

(JCAT), 9: 101.2, 1953 Joseph RB See Levy JM Josephsen L; Josephsen P; Bitsch KR: agenesis of the lung, (Pediatr Radiol), 16: 334, 1986 Josephsen P See Josephsen L Joshi KB; Brinker RA: fine needle diagnosis in lumbar osteomyelitis, (Radiology), 153: 562,

Joshi RR; Cholankeril JV: computed tomography in lipoid pneumonia, (JCAT), 9: 211, 1985

Joslyn JN See Allen RF Joslyn JN See Gellad FE Joslyn JN See Williams JP Jost RG See Aronberg DJ Jost RG See Evens RG Jost RG See Evens RG
Jost RG: monitoring department efficiency and
quality. (Radiol Clin North Am), 24: 27, 1986
Jost RG: radiology reporting, (Radiol Clin North
Am), 24: 19, 1986
Joubert M See Rudolph J
Jouffroy J See Eisenscher A
Jouhnson LP See Harnsberger HR Jouppila P: clinical consequences after ultrasonic diagnosis of intrauterine hematoma in threatened abortion, (Radiology), 158: 287, 1986 Iovce IM See Keats TE Joyce JM See Keats 1E Joyce JM; Keats TE: disuse osteoporosis: mimic of neoplastic disease, (Skeletal Radioi), 15: 129, 1986 Judin A See Rabkin I Judina A See Rabkin I Judmaier C, Kathrein H: ultrasound-assisted liver biopsy. (Radiology), 151: 274, 1984 Judy PF: medical physics of CT and ultrasound: tissue imaging and characterization. medical physics monograph 6, (Radiology), 151: 252, 1984 Juhl JH See Kelsey CA Juillard GJF See Gordon PS Julin P; Kraepelien T: reduction of absorbed doses in radiography of the facial skeleton, (AJR), 143: 1113, 1984 Julsrud PR: see Sinak LJ
Julsrud PR: congenital heart disease: gated MR
imaging in 72 patients, (Radiology), 161: 277, Juma N; Andruy T; Ege GN: comparison as a lymphscintigraphic agent between technetium 99m dextran and technetium 99m antimony sulphide colloid, (Radiology), 158: 288, 1986 Junck L; Marshall WH: fatal brain edema after contrast-agent overdose, (AJNR), 7: 522, 1986 Jung B See Hemmingsson A Juni J See Froelich JW Juni J See Wahl RL Juni JE See Rabinovitch MA Juni JE See Wilton GP Juni JE See Ziessman HA Junkermann H See Teubner J Jurik AG See de Carvalho A Jurik AG; de Carvalho A; Graudal H: sclerotic changes of the sternal end of the clavicle, (Radiology), **156**: 565, 1985 Jurik AG; Graudal H; de Carvalho A: sclerotic changes of the manubrium sterni, (Radiology), 157: 567, 1985 Jurik AG; Moller BN: inflammatory hyperostosis and sclerosis of the clavicle, (Skeletal Radiol), 15: 284 1986 15: 254, 1986 Jussila TUA See Vilppula AJ Just N See Dorne HL Just NWM See Kienzle GD Justesen P See Rasmussen F Justice T See Harisiadis L Justich E See Amparo EG Justich E See Lammer J Justich E See Terrier F Justich E; Amparo EG; Hricak H; Higgins CB: infected aortoiliofemoral grafts: magnetic resonance imaging, (Radiology), 154: 133, 1985 Juttijudata P; Palavatana C; Chiemchaisri C; et al:

Juttijudata P; Palavatana C; Chiemchaisri C; et al accuracy of percutaneous transhepatic cholangiography (P.T.C.) using the Chiba needle in the diagnosis of level and cause of cholestasis, (Australas Radiol), 30: 24, 1986 Juul J; Torp-Pedersen S; Gronvall S; et al: ultrasonically guided fine needle aspiration biopsy of renal masses, (Radiology), 156: 570, 1985

Juul N See Holm HH

## K

Kaalhus O See Borthne A Kaalhus O See Vermund H Kabuto H See Ueno K Kacet N See Dubos JP Kacet N See Dubos JP
Kaczmarek RG; Bednarek DR; Wong R;
Kaczmarek RV; Rudin S; Alker G; potential
radiation hazards to personnel during
dynamic CT, (Radiology), 161: 883, 1986
Kaczmarek RV See Kaczmarek RG
Kaczmarski CJ See Ames MD
Kadaba MP See Chan B
Kadaba MP See Chan B
Kadaba NP See Anwar M Kadar N See Romero R Kadar N; Romero R: abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels, (Radiology), 161: 854, 1986 Kaden B See Brardac GB Kadir S See Auster M

Kadir S See Chang R Kadir S See Gallacher DJ Kadir S See Kaufman SL Kadir S See Kinnison ML Kadir S See Mitchell SE Kadir S See Shuman L Kadir S: multipurpose, double-ended guide wire, (AJR), 143: 626, 1984 (AJK), 143: 626, 1984 Kadish SP: radiotherapy treatment planning. 2d ed., (Radiology), 159: 222, 1986 Kadoya H See Ohno T Kadoya M See Matsui O Kaelin A: rare cause of posttraumatic locked hip in a child, (Radiology), 155: 856, 1985 Kaemmerer A See Uflacker R Kaftori JK See Pery M Kaftori JK See Pery M
Kagan AR: computers in radiotherapy and oncology,
(Radiology), 158: 530, 1986
Kagan AR; Steckel R]: clear cell sarcoma of the
kidney: renal tumor of childhood that
metastasizes to bone, (AJR), 146: 64, 1986
Kagan AR; Steckel R]: rjimary liver tumor in a
young man: brief review of diagnostic strategies
and treatment options, (AJR), 145: 234, 1985
Kagan AR; Steckel R]: radiologic contributions to
cancer management, (AJR), 147: 473, 1986
Kagan AR; Steckel R]: Bassett LW; et al: radiologic
contributions to cancer management, (AJR), 147:
305, 1986 305, 1986 ahan B See Kim EE Kahan B See Kim EE Kahen HL See Mafee MF Kahi FR See D'Souza VJ Kahn J See Urano M Kahn M See Dardik H Kahn RI See Kerlan RK Jr Kahn RI See Kerlan RK Jr
Kahn RI: endourological treatment of ureteral
calculi, (Radiology), 160: 285, 1986
Kahn RK See Kerlan RK Jr
Kahnoski Rj; Lingeman JE; Coury TA; et al:
combined percutaneous and extracorporeal
shock wave lithotripsy for staghorn calculi: an
alternative to anatrophic nephrolithotomy,
(Radiology), 160: 857, 1986
Kai W See Zhen-ying J
Kaick G See Jaschke W
Kairento A-L See Brownell GL
Kaisary AV; Williams G; Riddle PR: role of
preoperative embolization in renal cell Naisary Av; Williams G; Riddle PR: role of preoperative embolization in renal cell carcinoma, (Radiology), 153: 848, 1984

Kaiser DL See Brenbridge AN

Kaiser MC; Capesius F; Veiga-Pires JA; et al: sign of lumbar disk herniation recognizable on lateral CT generated digital radiograms, (JCAT), 8: 1066, 1984 Kaiser MC; Sandt G; Roilgen A; et al: intradural disk herniation with CT appearance of gas collection, (AJNR), 6: 117, 1985 Kaiser TE; Pritchard DJ; Unni KK: clinicopathologic study of sacrococcygeal chordoma, (Radiology), 154: 555, 1985 Kaiser W See Zeitler E Kajisa T See Yoshinaka H Kajita A See Sato T Kak VK See Khosia VK Kak VK See Khosia VK
Kakegawa T See Machi J
Kakezono F See Yokoyama N
Kakkasserii JS; Cranley JJ; Arbaugh JJ; et al:
efficacy of low-dose streptokinase in acute
arterial occlusion and graft thrombosis,
(Radiology), 158: 282, 1986
Kalash SS; Scovill WA; Hill JL; et al: simplification
of converse in this page them. of cryoprecipitate coagulum choledocholithotomy by deletion of thrombin: prevention of retained biliary duct stones, (Radiology), **156**: 270, 1985 (Radiology), 156: 270, 1985
Kalebo P See Jacobsson M
Kalemeris GC See Fleischer AC
Kalender WA See Claussen CD
Kalender WA; Rettinger G; Suess C; measurement
of paranasal sinus ventilation by xenonenhanced dynamic computed tomography,
(JCAT), 9: 524, 1985
Kalet IJ See Haynor DR
Kalet I See Keyes JW Jr
Kalff V See Rabinovitch MA
Kalff V; Kelly MJ; Dudley F; et al: abdominal blood
pool scintigraphy in the management of acute
intermittent gastrointestinal bleeding,
(Radiology), 152: 270, 1984
Kalff V; Kelly Mj; McGrath B: scintigraphic
localisation of a recurrent phaeochromocytoma

localisation of a recurrent phaeochromocytoma by means of iodine-131 metaiodobenzylguanidine, (Radiology), **156**: 284, 1985

284, 1985
Kalif V; Satterlee W; Harkness BA; Singer D;
Keyes JW Jr: liver-spleen studies with the
rotating gamma camera. I: utility of the rotating
display, (Radiology), 153; 533, 1984
Kalifa G; Meunier S: indications for body CT in
children, (Radiology), 152: 553, 1984
Kallman CH See Weiss JL
Kallman RF; Dorie MJ: tumor oxygenation and
reoxygenation during radiation therapy: their
importance in predicting tumor response, (Int J
Radiat Oncol Biol Phys), 12: 681, 1986
Kallmar JA See Merritt CRB

Kalnicki S See Komisar A Kalnin A See Komisar A
Kalnin A See George AE
Kalos S See Phelan EMD
Kalovidouris A; Gouliamos A; Demou L; et al:
postsurgical evaluation of hydatid disease with
CT: diagnostic pitfalls, (JCAT), 8: 1114, 1984
Kalovidouris A; Mancuso AA; Dillon W: CTclinical approach to patients with symptoms
related to the V, VII, IX-XII cranial nerves and
cervical sympathetics, (Radiology), 151: 671,
1984
Kalovidouris A, Mancuso AA; Sett Dustatic gray. Kalovidouris A: Mancuso AA: Sarti D: static grey Kalovidouris A; Mancuso AA; Sarti D: static grey scale parathyroid ultrasonography: is high-resolution real-time technique required?, (Radiology), 151: 556, 1984
Kalovidouris A; Pissiotis C; Pontifex G; et al: CT characterization of multivesicular hydatid cysts, (JCAT), 10: 428, 1986 Kalsbeck J See Fremion AS Kalvach P See Pechova-Peterova V Kam KC See Goolden AWG Kamal MF See Toukan AU

Kamal S See Sugrue DD Kamath V See Bova JG Kambaran SR See Shweni PM Kambe K See Kuwahara M-A Kambo K See Kuwahara M-A Kambouris A See Akterman LV Kameda N See Mirra JM Kamei T See Seto H Kamikonya N See Hishikawa Y Kamimura R See Matsui O Kamps WA See den Heeten GJ Kan G See Visser CA Kan JS See Mitchell SE Kan JS See Mitchell SE Kan P See Seidenwurm D Kan S; Fox AJ; Vinuela FV: delayed metrizamide CT

enhancement of syringomyelia: postoperative observations, (AJNR), 6: 613, 1985 Kanagasuntheram R See Khoo FY Kanal E See Burk DL Jr

Kanamori H; Kawahara H; Oh S; et al: case of biliary cystadenocarcinoma with recurrent jaundice: diagnostic evaluation of computed tomography, (Radiology), 157: 861, 1985 Kanaoka M See Murata K

Kanayama H See Kuroiwa Y Kanayama H See Kuroiwa Y
Kancke KA; Assey ME; Kratz JM; et al:
postoperative pulmonary edema in
postcoronary artery bypass graft patients,
(Radiology), 152: 549, 1984
Kandarpa K See Gardiner GA Jr
Kandarpa K; Fellows KE; Eraklis A; et al: solitary
ileal arteriovenous malformation: preoperative
localization by coil embolization, (AJR), 146:
787, 1986
Kane F See Poner M

Kane E See Poncz M Kane II See Baker BI Kane R See Onik G Kane RA See Costello P Kane RA See DeRaimo AJ Kane RA See Katz JF

Kane KA See Katz JF Kane RA; Jacobs R; Katz J; Costello P: porcelain gallbladder: ultrasound and CT appearance, (Radiology), 152: 137, 1984 Kane SA See Iskandrian AS Kane VG; Silverstein GS: CT demonstration of

hernia through an iliac crest defect, (JCAT), 10: 432, 1986

herma through an inac crest detect, (ICA1), 10:
432, 1986

Kaneko Z: first steps in the development of the
Doppler flowmeter, (Ultrasound Med Biol), 12:
187, 1986

Kanel G See Aufrichtig D

Kanel G See Aufrichtig D

Kang SA See Nesyo UO

Kang SA See Nesyo UO

Kangarloo H See Diament MJ

Kangarloo H See Dietrich RB

Kangarloo H See Dietrich RB

Kangarloo H See Lufkin RB

Kangarloo H; Diament MJ; Gold RH; et al:
sonography of adrenal glands in neonates and
children: changes in appearance with age,
(JCU), 14: 43, 1986

Kangarloo H; Dietrich RB; Taira RT; et al: MR

Kangarloo H; Dietrich RB; Taira RT; et al: MR imaging of bone marrow in children, (JCAT), 10: 205, 1986

Kangarloo H; Gold RH; Diament MJ; et al: high-resolution spinal sonography in infants, (AJNR), 5: 191, 1984

(AJNR), 5: 191, 1984
Kangarloo H; Gold RH; Fine RN; Diament MJ;
Boechat MI: urinary tract infection in infants
and children evaluated by ultrasound,
(Radiology), 154: 367, 1985
Kann U See Lammer J
Kannegiesser H See Wolverson MK
Kanno I; Miura S; Yamamoto S; et al: design and

evaluation of a positron emission tomograph: HEADTOME III, (Radiology), 9: 931, 1985

HEADTOME III, (Radiology), 9: 931, 1985
Kansler F See Frager DH
Kantarjian HM; Bledin AG; Kim EE; et al: arterial
perfusion with Tc-99m macroaggregated
albumin (MAAAP) in monitoring intra-arterial
chemotherapy of sarcomas, (Radiology), 151:
563 1984 563, 1984

Kanter AS See Richardson ML

Kanter RK: retinal hemorrhage after cardiopulmonary resuscitation or child abuse, (Radiology), 160: 575, 1986

Kantrowitz LR; Pais MJ; Burnett K; et al: intraspinal neurenteric cyst containing gastric mucosa: CT and MRI findings, (Pediatr Radiol), 16: 324 1986

Kanzaria PK See Kleinman PK Kanzler G See Eckardt VF Kao M-S See Stokes S Kao MS See Worthington JL Kapelner S See Chao PW Kapila A See Chakeres DW Kapila A See Murray RR

Kapila A: calcification in cerebral infarction, (Radiology), 153: 685, 1984 Kapila A; Chakeres DW: clivus fracture: CT demonstration, (JCAT), 9: 1142, 1985

demonstration, (ICA1), 9: 1142, 1985
Kapila A; Chakeres DW: flexed sitting maneuver for complete lumbar myelography in patients with severe spinal stenosis and apparent block, (Radiology), 160: 265, 1986
Kapila A; Chakeres DW; Blanco E: Meckel cave:

computed tomographic study. part I: normal anatomy; part II: pathology, (Radiology), 152: 425, 1984

Kapila A; Steinbaum S; Chakeres DW: Meckel's cave epidermoid with trigeminal neuralgia: CT findings, (JCAT), 8: 1172, 1984

Kaplan AW; Teng SS; Koo AH: CT recognition of thorotrast-induced intracranial and lumbar arachnoiditis, (AJNR), 5: 323, 1984

Kaplan El See Greenberg M Kaplan F See Rao VM Kaplan FS See Epstein DM

Kaplan G See Beraneck L Kaplan HC; Baker HL Jr; Houser OW; et al: CT of Kaplan HC, Baker HL Jr; Houser UW; et al: C1 or the sella turcica after transsphenoidal resection of pituitary adenomas, (AJNR), 6: 723, 1985 Kaplan HS See Sapozink MD Kaplan K See Davis G

Kaplan L See Milgrom C

Kaplan L See Milgrom C
Kaplan MJ; Favey RD: calcific tendinitis of the
longus colli muscle. (Radiology), 154: 281, 1985
Kaplan PA; Tu HK; Lydiatt DD; Sleder P; Williams
S: temporomandibular joint arthrography of
normal subjects: prevalence of pain with ionic
versus nonionic contrast agents, (Radiology),
156: 825, 1985
Kaplan PA See Williams CM

Kaplan PA See Williams SM

Kaplan PA See Williams SM
Kaplan PA: computed tomography vs. arthrography
in the evaluation of the temporomandibular
joint. (Radiology), 152: 825, 1984
Kaplan PA; Hahn FJ: aneurysms of the posterior
cerebral artery in children, (AJNR), 5: 771, 1984
Kaplan PA; Phalen J; Macke R: case report 372,
(Skeletal Radiol), 15: 383, 1986
Kaplan PA; Resnick D: stress-induced osteolysis of
the clavicle, (Radiology), 158: 139, 1986
Kaplan PA; Tu HK; Sleder PR; Lydiatt DD; Laney
TJ: inferior joints space arthrography of normal
temporomandibular joints: reassessment of
diagnostic criteria, (Radiology), 159: 585, 1986
Kaplan S adult with congenital heart disease,
(Semin Roentgenol), 20: 151, 1985
Kaplan SR See Parker VS
Kaplan SR See Parker VS

Kaplan WD See Tu'meh SS Kapoor R See Saha MM Kapp DS See Schreiber DP

Kapp JP: microorganisms as antineoplastic agents in CNS tumors, (Radiology), 152: 258, 1984 Kappagoda MB See Lawless M

Kaps HP See Georgi P Kapur S See Taylor GA

Kar A; Angwafo FF; Jhunjhunwala JS: ureteroarterial and ureterosigmoid fistula associated with polyethylene indwelling ureteral stents, (Radiology), 156: 267, 1985 Karabent A See Diren HB

Karacostas D; Taskos N; Tsounis S; et al: CT findings in temporal arteritis: report of two cases, (Neuroradiol), 28: 373, 1986

Karam JH See Pogany AC Karasick D See Kramer NR Karasick D See Levine RB Karasick D See Lev-Toaff AS Karasick S See Kramer NR

Karasick S See Wang Y Karasick SR See Swayne LC

Karavias D See Passas V Karbon K See Enzmann DR

Karczmar GS; Matson GB; Weiner MW: single acquisition localization technique, (Magn Res

acquisition localization to Med), 3: 341, 1986 Karellas A See Raptopoulos V Karellas A See Shukla SS Karesh SM See McVeigh MC

Karesn SM See McVeign MC Karimeddini MK See Dey HM Karimeddini MK See Mathews J Karimeddini MK See Spencer RP: "negative" renal outline in prune belly syndrome, (Clin Nucl Med). 11: 129, 1986

Karkola PJ See Ikaheimo MJ Karl SR See Bahia JO Karlik S See Olutola PS

Karlik SJ See Vinitski S Karlik SJ: common pharmaceuticals alter tissue proton NMR relaxation properties, (Magn Res Med), 3: 181, 1986

Karlinsky IB See Gale ME

Karnaze MG; Sartor K; Winthrop JD; Gado MH; Hodges FJ III: suprasellar lesions: evaluation with MR imaging, (Radiology), 161: 77, 1986

Karo JJ; Sandler MA: benign cystic teratoma of the ovary, (Clin Diagn Ultrasound), 15: 47, 1984

Karoll M, Hernandez RJ; Wessel HU: computed tomography diagnosis of bronchial compress by the spine after surgical correction of scoliosis, (Radiology), 154: 853, 1985
Karoll MP; Ghahremani GG; Port RB; et al:

diagnosis and management of intraluminal duodenal diverticulum, (Radiology), **150**: 611, 1984

Karp JS See Muehllehner G Karras B See Smathers RI. Karstaedt N See Bechtold RE Karstaedt N See Jackels SC Karstaedt N See Moran PR Karstaedt N See Wolfman NT Karstaedt N See Zagoria RJ

Karstrup S; Glenthoj A; Torp-Pedersen S; et al: ultrasonically guided fine-needle biopsy for histological sampling of suspect parathyroid tissue, (Br J Radiol), 59; 507, 1986

Karstrup S, Hegedus L: concomitant thyroid disease in hyperparathyroidism: reasons for unsatisfactory ultrasonographical localization of parathyroid glands, (Eur J Radiol), 6: 149, 1986

Kart BH; Reddy SC; Rao GR; et al: choroid plexus metastasis: CT appearance, (JCAT), 10: 537, 1986 Kartush JM See Latack JT

Kartush JM; Kemink JL; Graham MD: arcuate eminence. topographic orientation in middle cranial fossa surgery, (Radiology), 157: 857, 1985 Karvelis K See Drane WE

Karzmark CJ: advances in linear accelerator design for radiotherapy, (Radiology), 153: 862, 1984 Kasambalides E See Shpall EJ

Kasantikul V See Shuangshoti S Kasdon EJ See Hall FM Kase K See Fitzgerald TJ

Kase KR See Piontek RW Kase KR; Svensson GK; Wolbarst AB; et al: measurements of dose from secondary radiation outside a treatment field, (Radiology), 151: 839,

Kaseff LG See Dillon WP Kashgarian M See Rigsby CM Kasina S See Fritzberg AR Kaspar M See Peregrin JH

Kasper M; Treese N; Pop T; et al: diagnosis of increased pulmonary blood flow by suprasternal M-mode echocardiography in atrial septal defect, (Radiology), 152: 863, 1984 Kass EG See Weinberg B

Kass EJ See Majd M Kassab EA See Hackney DB Kassabian JP See Bradley WG Jr Kassell NF See Adams HP Jr Kassen BO See Ammann W Kaste M See Sipponen JT Kasuga H See Yoshimura H

Kasugai H See Tanaka S Kasugai H; Yamamoto R; Tatsuta M; et al: value of heparinized fine-needle aspiration biopsy in liver malignancy, (AJR), 144: 243, 1985

Kasuya T See Horimoto Y Katada H See Yoshimura H

Katariya 5; Prasad PJ; Marwaha RK; et al: hypertrophic osteoarthropathy in a young child with congenital cyanotic heart disease, (Br J Radiol), 59: 75, 1986

Katevuo K See Kuuliala I Kathol MH See El-Khoury GY Kathol MH: radiology of spinal curvature, (Radiology), 157: 126, 1985 Kathrein H See Judmaier G

Katirji MM; Reinmuth OM; Latchaw RE: stroke due to vertebral artery injury, (Radiology), 157: 283, 1985

Kato H; Konaka C; Ono J; et al: preoperative laser photodynamic therapy in combination with operation in lung cancer, (Radiology), 159: 570, 1986

Kato Y See Sugimoto S Katoh AK; Charoensiri S: ultrasound does not affect human lymphocyte transformation in vitro, (Radiology), **152**: 272, 1984 Katoh H See Tanohata K

Katsuragi M See Ohishi H Kattan KR See Pantoja E

Kattan KR: migration of central venous catheters, (AJR), 145: 727, 1985

Kattan KR: some telltales and pitfalls in chest radiology, (Radiol Clin North Am), 22: 467, 1984 Kattan M See Pervez NK

Kattapuram SV See Brown KT

Kattapuram 5V; Phillips WC; Mankin HJ; giant cell tumor of bone: radiographic changes following local excision and allograft replacement, (Radiology), 161: 493, 1986

(Kadiology), 161: 493, 1986
Kattapuram SV; Rosenthal DI; Phillips WC: trephine biopsy of the skeleton with the aid of a hand drill, (Radiology), 152: 231, 1984
Katz AD; Dunkleman D: needle aspiration of nonfunctioning parathyroid cysts, (Radiology), 154: 272, 1985

Katz CD See Wright GL Katz D See Mourand K Katz D See Twomey BP Katz G See Nicolaou N Katz H See Gatenby RA

Katz HJ See Brandt LJ Katz J See Kane RA Katz IF See DeRaimo Al

Katz JF; Kane RA; Reyes J; Clarke MP; Hill TC: thyroid nodules: sonographic-patholog correlation, (Radiology), 151: 741, 1984

Katz JF; Nichols L; Kane RA; et al: renal cell carcinoma: unusual sonographic appearance, (J Ultrasound Med), 5: 517, 1986

Katz JK; Griffiths HJ: illustrated computed tomography: a practical guide to CT interpretations, (Radiology), 151: 438, 1984

Katz M See Gibod LB

Katz ME; Blocker SH; McAlister WH: focal foveolar hyperplasia presenting as an antral-pyloric mass in a young infant, (Radiology), 156: 274, 1985
 Katz ME; Glazer HS; Siegel MJ; Gutierrez F; Levitt RG; Lee JKT: mediastinal vessels: postoperative evaluation with MR imaging, (Radiology), 161: 647, 1986

Katz ME; Heiken JP; Glazer HS; et al: intraabdominal panniculitis: clinical, radiographic, and CT features, (AJR), 145: 293,

Katz ME; Perlman JM; Tack ED; et al: neonatal umbilical artery pseudoaneurysm: sonographic evaluation (case report), (AJR), 147: 322, 1986

Katz NNK See Hopper KD Katz RJ See Wasserman AG Katz RL See Miller DA

Katz RL; Shirkhoda A: diagnostic approach to incidental adrenal nodules in the cancer patient. results of a clinical, radiologic, and fine-needle aspiration study, (Radiology), 157: 573, 1985 Katz RSS; Glass JDM: multiple choroidal osteomas

developing in association with recurrent orbital inflammatory pseudotumor, (Radiology), 152: 858, 1984

Katz SG See Berman HL

Katzberg R: diagnosis of internal derangements of the temporomandibular joint. vol. 1. double-contrast arthrography and clinical correlation, (Radiology), 160: 430, 1986

Katzberg RW See Anderson QN Katzberg RW See Fischer HW Katzberg RW See Manzione JV Katzberg RW See Miller TL

Katzberg RW: radiographic atlas of the genitourinary system. 2d ed. 2 vols., (Radiology), 153: 302, 1984

Katzberg RW; Anderson QN; Manzione JV; et al: dislocation of jaws, (Radiology), 154: 556, 1985

distocation of jaws, (Radiology), 154: 596, 198
Katzberg RW; Bessette RW; Tallents RH;
Plewes DB; Manzione JV; Schenck JF;
Foster TH; Hart HR: normal and abnormal
temporomandibular joint: MR imaging with
surface coil, (Radiology), 158: 183, 1986

surrace con., (Radiology), 158: 183, 1986
Katzberg RW; Miller TL; Hayakawa K;
Manzione JV; Tallents RH: temporomandibular
joint arthrography: comparison of morbidity
with ionic and low osmolality contrast media,
(Radiology), 155: 245, 1985
Katzbarg Mr. B. L. C. C. C.

Katzberg KW; Pabics RC; Morris TW; et al: effects of contrast media on renal function and subcellular morphology in the dog. (Invest Radiol), 21: 64, 1986

Kadioli, 21: 64, 22 Lizberg RW; Tallents RH; Hayakawa K; Miller TL; Goske MJ; Wood BP: internal derangements of the temporomandibular joint: findings in the pediatric age group, (Radiology), 154: 125, 1985

Katzen BT See Scales FE Katzen BT: interventional radiology, (Radiology), 152: 658, 1984

Katzen BT: percutaneous transluminal angioplasty for arterial disease of the lower extremities, (AJR), 142: 23, 1984

Katzen BT: peripheral, abdominal, and interventional applications of DSA, (Radiol Clin North Am), 23: 227, 1985

Katzen H See Pera A

Katzenstein A-LA See Fraser RG Katzman RA See Parulekar SG Kaude IV See Ennis MG Kaude JV See Grantham JR Kaude IV See Pearse DM Kaude JV See Reeder JD Kaude IV See Weaver IW

Kaude J V. width of the common bile duct in relation to age and stone disease, an ultrasonographic study, (Radiology), 150: 615, 1984 Kaude J V; Williams CM; Millner MR; et al: renal

morphology and function immediately after extracorporeal shock-wave lithotripsy, (AJR), 145: 305, 1985

145: 305, 1965 Kauffman HM See Puglisi BS Kauffman HM See Tisdale PL Kaufman AJ; Fleischer AC; Thieme GA; et al: separated chorioamnion and elevated chorion: sonographic features and clinical significance, (J Ultrasound Med), 4: 119, 1985

Kaufman B See Cammarata C Kaufman B See Han JS Kaufman B See Hueftle MG Kaufman B See Laakman RW Kaufman B See Mapstone TB

Kaufman B: magnetic resonance imaging of the pituitary gland, (Radiol Clin North Am), 22: 795, 1984

Kaufman BH; Telander RL; van Heerden JA; et al: pheochromocytoma in the pediatric age gr current status, (Radiology), 152: 853, 1984 Kaufman H See Edelman RR

Kaufman J; Gunn W; Hartz AJ; et al: pathophysiologic and roentgenologic effects of chest irradiation in breast carcinoma, (Int J

Radiat Oncol Biol Phys), 12: 887, 1986 Kaufman JJ See DeKernion JB Kaufman JJ; Smith RB; Raz S: radiation therapy in carcinoma of the prostate: contributing cause of urinary incontinence, (Radiology), 156: 287,

Kaufman JL: pelvic hemorrhage after percutaneous femoral angiography, (AJR), 143: 335, 1984 Kaufman JM See Macpherson RI

Kaufman L See Arakawa M Kaufman L See Crooks LE Kaufman L See Feinberg DA Kaufman L See Haie JD Kaufman L See Higgins CB Kaufman L See Lanzer P Kaufman L See Mills CM

Kaufman L See Moss AA Kaufman L See Ortendahl DA Kaufman L See Posin JP Kaufman L See Stark DD

Kaufman L See Valk PE Kaufman L See Wesbey GE Kaufman RA See Cohen RA Kaufman RA See Lederman HM Kaufman RA See Oldham KT

Kaufman RA See Seidel FG Kaufman RA See Stoskopf CA Kaufman RA See Towbin RB

Kaufman RA; Babcock DS: approach to imaging the upper abdomen in the injured child, (Semin Roentgenol), 19: 308, 1984 Kaufman RA; Lovell DJ: infantile-onset

Kaufman RA; Lovell DJ: infantile-onset multisystem inflammatory disease: radiologic findings, (Radiology), 160: 741, 1986
Kaufman RA; Towbin RB; Babcock DS; et al: upper abdominal trauma in children: imaging evaluation, (AJR), 142: 449, 1984

Kaufman SL See Chang R Kaufman SL See Gallacher DJ Kaufman SL See Greenstein S Kaufman SL See Kinnison ML Kaufman SL See Mitchell SE

Kaufman SL See Shuman L

Kaufman SL: es enuman L:
Kaufman SL: tapered-tip teflon catheter for biliary
drainage, (Radiology), 151: 251, 1984
Kaufman SL; Cameron JL; Adams PE; et al:
management of surgically placed silastic
transhepatic biliary stents, (AJR), 142: 347, 1984

Kaufman SL; Chang R; Kadir S; Mitchell SE; White RI Jr: intraarterial digital subtraction angiography in diagnostic arteriography, (Radiology), 151: 323, 1984 Kaufman SL; Kadir S; Mitchell SE; et al:

percutaneous transhepatic biliary drainage for bile leaks and fistulas, (AJR), 144: 1055, 1985 Kaufmann HJ See Langer R

Kaufmann HJ See Rausch HP Kaufmann HI See Volle E

Kaukiainen M; Spring E; Wag E: simulator model of a department of diagnostic radiology, (Acta Radiol [Diagn]), 27: 71, 1986

Kaul S; Chesler DA; Pohost GM; et al: influence o peak exercise heart rate on normal thallium-201 myocardial clearance, (J Nucl Med), 27: 26, 1986 Kaul S; Wismer GL; Brady TJ; et al: measurement of

normal left heart dimensions using optimally oriented MR images, (AJR), 146: 75, 1986 Kaul U See Venugopal P

Kauzlaric D: sonographic appearance of osteolysis of humeral head, (JCU), 14: 566, 1986 Kauzlaric D; Barmeir E: sonography of emphysematous cystitis, (J Ultrasound Med), 4: 319, 1985

319, 1985

Kauzlaric D; Barmeir E: sonography of traumatic rupture of the bladder: "bladder within a bladder" appearance of extraperitoneal extravasion. (J Ultrasound Med.) 5: 97, 1986

Kauzlaric D; Passega E: atypical sonographic findings in splenic infarction, (JCU), 14: 461, 1986

Kauzlaric D; Petrovic M; Barmeir E: sonography of cavernous transformation of the portal vein, (AJR), 142: 383, 1984

(A)R.), 142-53, 1984
Kavanagh J See Kim EE
Kavanagh KT; Salazar JE; Babin RW; bone marrow
expansion of the thyroid cartilage: source of
confusion with malignant invasion in CT
studies, (JCAT), 9: 177, 1985
Kavanaugh J H See Manco LG

Kawahara H See Kanamori H Kawai C See Shimizu K Kawai R See Miura T

Kawakami Y; Tabuchi K; Ohnishi R; et al: primary central nervous system lymphoma, (Radiology), 158: 572, 1986

Kawamoto EH See Choplin RH Kawamoto EH See Wolfman NT Kawamura I See Matsui O

Kawamura 15 toh H; Okada Y; et al: preoperative and postoperative cortical function of the kidney with staghorn calculi assessed by <sup>900</sup>technetium-dimercaptosuccinic acid renal scintigraphy, (Radiology), 151: 562, 1984 Kawamura J; Itoh H; Yoshida O; et al: "hot spot" on

gallium-67-citrate scan in renal cell carcinoma. clinicopathological and biochemical correlation, (Radiology), 155: 863, 1985

Kawamura T See Nakanishi T Kawanami T; Bowen A III; Girdany BR: enterocolitis: prodrome of the hemolytic-uremic syndrome, (Radiology), 151: 91, 1984 Kawanishi D See Elkayam U

Kawanishi DT See Reid CL Kawano H See Hayashi M

Kawashima A; Johsen T; Murayama S; et al: intravascular papillary endothelial hyperplasia of the adrenal gland, (Br J Radiol), 59: 610, 1936 Kawashima A; Suehiro S; Murayama S; et al: focal fatty infiltration of the liver mimicking a tumor: sonographic and CT features, (JCAT), 10: 329,

Kawashima Y See Ueno K Kawata R; Sakata K; Kunieda T; et al: quantitative evaluation of fatty liver by computed tomography in rabbits, (AJR), 142: 741, 1984 Kawata Y See Takahashi S

Kay CJ See Pawar SV Kay D See Bluth EI Kay HH See Mahony BS Kay JM See Magee F Kay MC See Daniels DL

Kay NJ; Setia RN; Stone J: relevance of conventional radiography in indicating maxillary antral lavage, (Radiology), 152: 858,

Kay R See Milner GR

Kay K See Milner GK Kaye AD See Janssen RS Kaye AD; Janssen R; Arger PH; et al: mediastinal computed tomography in myasthenia gravis, (Radiology), 15t; 554, 1984 Kaye AH; Hahn JF; Craciun A; et al: intracranial

extension of inflammatory pseudotumor of the orbit, (Radiology), 153: 852, 1984 Kaye AH; Hahn JF; Kinney SE; et al; jugular foramen Schwannomas, (Radiology), 154: 278,

Kaye D: changing pattern of infective endocarditis, (Radiology), 157: 565, 1985 Kaye JA; Wang A-M; Joachim CL; et al: malignant mesothelioma with brain metastases,

(Radiology), 159: 822, 1986 Kaye JJ See Kulkarni MV

Kaye JJ: knee arthrography today, (Radiology), 157: 265, 1985

Kaye KW; Reinke DB: detailed caliceal anatomy for endourology, (Radiology), 156: 267, 1985
Kaye MD See Atherton LD
Kaye MD See Harper PC

Kaylor S See Harris JH Jr Kazam E See Auh YH

Kazam E See Gold JP Kazam E See Newhouse JH

Kazam E See Pardes JG Kazam E See Rubenstein WA Kazam E See Steinbach LS Kazam E See Zirinsky K

Kazner E See Weiss T Kazzi CM; Gross TL; Sokol RJ; fetal biparietal diameter and placental grade: predictors of intrauterine growth retardation, (Radiology), 152: 866, 1984

Keagy BA; Lucas CL; Hsiao HS; et al: removable extraluminal Doppler probe for continuous monitoring of changes in cardiac output, (Radiology, 152: 864, 1984
Kean DM; Smith MA; Douglas RHB; et al: description of a low field resistive magnetic resonance imaging system and it application in imaging midline central nervous system pathology, (Clin Radiol), 37: 211, 1986
Kean DM; Smith MA; Douglas RHB; et al: two examples of CNS lipomas demonstrated by computed tomography and low field (0.08 T) MR imaging, (JCAT), 9: 494, 1985
Keane FB See O'Connon MK
Keane JR See Ahmadi J

Keane FB See O'Connon MK
Keane JR See Ahmadi J
Kearfott KJ; Rottenberg DA; Knowles RJR: new
headholder for PET, CT, and NMR imaging,
(JCAT), 8: 1217, 1984
Keating EC; Gross SA; Schlamowitz RA; et al:
mural thrombi in myocardial infarctions.
prospective evaluation by two-dimensional
echocardiography, (Radiology), 153: 280, 1984
Keats TE See de Lange EE
Keats TE See Harrison RB

Keats TE See Harrison RB Keats TE See Joyce JM Keats TE See Pope TL Jr Keats TE See Sistrom CL

Keats TE See Sistrom CL
Keats TE; Beneventano TC; Bragg DG; Hodges FJ
III; Lawson JP; Singleton EB: film
interpretation session, (Radiology), 153: 1, 1984
Keats TE; Beneventano TC; Bragg DG; Hodges FJ
III; Lawson JP; Singleton EB: film
interpretation session. Radiological Society of
North America Seventieth Scientific Assembly
and Annual Meeting, November 1984. summary
of discussion and diagnoses, (Radiology), 154:
255, 1985
Keats TE: Iovce IM: metanhyead contical

Keats TE; Joyce JM: metaphyseal cortical irregularities in children: a new prospective on a multi-focal growth variant, (Radiology), 154:

854, 1985
Keelan M See Thilipson EH
Keelan M See Thomson ABR
Keeler L See Rittenberg MH
Keeling DH: adverse reactions to
radiopharmaceuticals. United Kingdom,
1977-1983, (Radiology), 156: 857, 1985
Keeling FP See Thomas ML
Keeling FP; Ayers AB; Field S; et al: fracture of the
sella turcica: report of three cases, (Clin Radiol),
37: 233, 1986
Keen ME See Cohen MI

Keen ME See Cohen MI Keen R See Lufkin RB Keen SJ See Rauschkolb EN Keene JP See Moore JV Keene JS See Drummond D

Keeton GR; Pillay GP: diagnostic role of intravenous urography in acute and chronic renal failure, (Urol Radiol), 8: 72, 1986

Keidar S See Grenadier E Keifer JW See Motarjeme A Keightley A See Davies AC Keightley A See vanSonner Keita K See Mathieu D Keita K See Vasile N Kelbel C See Gunther RW Kelemouridis V See Eckstein MR Kelikian AS See Fernbach SK Kell T Jr See Rabinov K Kellam JF See Rubenstein JD Kelleher J See Jennings C Keller CE See Sharma RP

Keller CE See Sharma KP Keller CE; Halpert RD; Feczko PJ; et al: radiologic recognition of colonic diverticula simulating polyps, (AJR), 143: 93, 1984 Keller FS See Bedell JE Keller FS See Bedell JE

Keller FS See Kenney PJ Keller FS See Rosch J Keller FS See Vaughan R Keller FS See Vitek JJ

Keller FS See Vitek JJ Keller FS; Coyle M; Rosch J; Dotter CT: percutaneous renal ablation in patients with end-stage renal disease: alternative to surgical nephrectomy, (Radiology), 159: 447, 1986 Keller FS; Rosch J; Barker AF; Nath PH: pulmonary arteriovenous fistulas occluded by percutaneous introduction of coil springs, (Radiology), 152: 373, 1984

373 1984

373, 1984
Keller IA; Weissmann HS; Freeman LM: use of water ingestion to distinguish the gallbladder and duodenum on cholescintigrams, (Radiology), 152: 811, 1984
Keller MS; Chawla HS: sonographic delineation of the neonatal acetabular labrum, (J Ultrasound Med), 4: 501, 1985

Schief M5; Chawla H5; Weiss AA: real-time sonography of infant hip dislocation, (Radiographics), 6: 447, 1986 Keller M5; Lai 5; Wagner DK: percutaneous gastrostomy in a child, (Radiology), 160: 261, 1986

Keller MS; Markle BM; Laffey PA; Chawla HS; Jacir N; Frank JL: spontaneous resolution of cholelithiasis in infants, (Radiology), 157: 345,

Keller MW; Feinstein SB; Briller RA; et al:
automated production and analysis of echo
contrast agents, (I Ultrasound Med.), 5: 493, 1986
Keller PL See Swensen SJ
Kelley DB See Caldwell GG
Kelley MJ See Newell JD II
Kelley MM See Krishnamurthy S
Kelley MM See Morrison G
Kellman GM See Alpern MB
Kellum CD See Burke JW
Kellum CD See Burke JW
Kellum CD See Burke JW
Kellum CD See Gurke JW
Kelly DR; Grant EG; Zeman RK; et al: in utero
diagnosis of congenital diaphragmatic hernia by
CT amniography, (JCAT), 10; 500, 1986
Kelly JA See Stanley RJ
Kelly JK; Lazo A; Metes J; et al: intracerebral
hemorrhagic dissemination of acute myelocytic
leukemia, (AJNR), 6: 113, 1985
Kelly KA See O'Connell PR
Kelly KM See Gussman S
Kelly MJ See Kalff V
Kelly NI See Kalff V
Kelly NI See Fajardo LF
Kelly RB; Mahoney PD; Johnson JF: CT
demonstration of an unusual enteric duplication
cyst, (JCAT), 10: 506, 1986
Kelly RE; Berger JR; Alterm M; et al: cerebral
ischemia and atrial fibrillation: prospective
study, (Radiology), 155: 858, 1985
Kelly WS See Gulenchyn KY
Kelly WM See Brant-Zawadzki M
Kelly WM See Kucharczyk W
Kelly WM See Sobel DF
Kelly WM; Badami P; Dillon WP: epidural block:
myelographic evaluation with single-puncture
technique using metrizamide, (Radiology), 151:
417, 1984
Kelly WM; Brant-Zawadzki M; Norman D;
Gould R: beam attenuation devices for digital

Kelly WM; Brant-Zawadzki M; Norman D; Gould R: beam attenuation devices for digital subtraction angiography, (Radiology), 153: 817,

Kelly WM; Brant-Zawadzki M; Pitts LH: arterial

injection-digital subtraction angiography, (Radiology), 152: 257, 1984 Kelly WM; Gould R; Norman D; et al: ECG-synchronized DSA exposure control: improve cervicothoracic image quality, (AJNR), 5: 429,

Kelly WM; Gould R; Norman D; et al: ECG-synchronized DSA exposure control: improve cervicothoracic image quality, (AJR), 143: 857,

Kelly WM; Harsh GR IV: CT of petrous carotid aneurysms, (A)NR), 6: 830, 1985 Kelly WM; Paglen PG; Pearson JA; et al: ferromagnetism of intraocular foreign body causes unilateral blindness after MR study, (A)NR), 7: 243, 1986

(AJNR), 7: 243, 1986
Kelly-Fry E See Jackson VP
Kelsey CA See Pollei S
Kelsey CA See Rosenberg RD
Kelsey CA: fundamentals of radiation dosimetry,
(Radiology), 159: 422, 1986
Kelsey CA; Lane RG; Moseley RD Jr; Mettler FA Jr;
Rosenberg RD; Williams AG; Garcia JF;
Feldman BS; Boardman RE: chest radiographs
obtained with shaped filters: evaluation by
observer performance tests, (Radiology), 159:
653, 1986
Kelsey CA: Moseley RD Jr; Comit READ, 159:
653, 1986

Kelsey CA; Moseley RD Jr; Garcia JF; Mettler FA Jr; Parker TW; Juhl JH: ROC and contrast detail image evaluation tests compared, (Radiology), 154: 629, 1985

Kelvin FM See Adams GW Kelvin FM See Fedyshin PJ Kelvin FM See Gluck WL

Kelvin FM See Gluck WL Kelvin FM See Johnson CD Kelvin FM See Maglinte DDT Kelvin FM See Rice RP Kelvin FM See Silverman PM Kelvin FM See Williford ME

Kelvin FM See Williford ME
Kelvin FM; Gramm HF; Gluck WL; et al: radiologic
manifestations of small-bowel toxicity due to
floxuridine therapy, (AJR), 146: 39, 1986
Kemberling CR See Miller JH
Kemeny N See Botet JF
Kemerer VF I; Dagher FJ; Pais SO: successful
treatment of ergotism with nifedipine, (AJR),
143: 333, 1984
Kemink II. See Graham MD.

143: 333, 1984

Kemink Jl. See Graham MD

Kemink Jl. See Kartush JM

Kemink Jl. See Latack JT

Kemkes P-M See Rienmuller R

Kemper AJ; O'Boyle JE; Sharma S, et al: hydrogen
peroxide contrast-enhanced two-dimensional
echocardiography: real-time in vivo delineation
of regional myocardial perfusion, (Radiology),
151: 832, 1984

Kempi V-Person BD.

151: 032, 1704

Kempi V; Persson BRR: evaluation of renal function parameters with simultaneously administered 
9mTc-DTPA and 131I-hippuran, (Radiology), 150:

Kendall B See Symon L

Kendall B: iohexol in paediatric myelography: open non-comparative trial, (Neuroradiol), 28: 65,

Kendall B: spinal angiography with iohexol, (Neuroradiol), 28: 72, 1986 Kendall B; Cavanagh N: intracranial calcification in

(Neuroradiol), 28: 72, 1986

Kendall Br. Cavanagh N: intracranial calcification in paediatric computed tomography, (Neuroradiol), 28: 324, 1986

Kendall Br. See Jooma R

Kendall Br. See Kingsley DPE

Kendall Br. See Kingsley DPE

Kendall Br. See Stevens JM

Kendall Br. F. Reider-Crosswasser I; Valentine AR: diagnosis of masses presenting within the ventricles on computed tomography, (Radiology), 152: 55, 1984

Kendall Br. See Schwartz HC

Kennedy G. See Davies RP

Kennedy G. See Davies RP

Kennedy J: ultrasonography in obstetrics and gynecology, (Radiology), 152: 418, 1984

Kennedy J: ultrasonography in obstetrics and gynecology, 2d ed., (Radiology), 152: 418, 1984

Kennedy WH See Burk DL Jr

Kennedy WH See Latchaw RE

Kennerdell JS See Rothfus WE

Kennerdell JS See Rothfus WE

Kennerdy JJ: Hendry GMA; Mackinlay GA: spontaneous regression of mesenchymal hamartoma: observations using ultrasound, (JCU), 14: 72, 1986

Kenney JJ: Mackay JG: haematuria: red herring?, (Br. Leitzh) Sp. 417, 1986

Kenney JJ: Mackay JG: haematuria: red herring?,

(ICU), 14: 72, 1986 Kenney IJ; Mackay IG: haematuria: red herring?, (Br J Radiol), 59: 417, 1986 Kenney PJ; See Pollack H Kenney PJ; Berlow ME; Ellis DA: current imaging of adrenal masses, (Radiographics), 4: 743, 1984 Kenney PJ; Brinsko RE; Patel DV: gastric

Kenney PJ; Brinsko RE; Patel DV: gastric involvement in chronic granulomatous disease of childhood: demonstration by computed tomography and upper gastrointestinal studies, (CAT), 9: 563, 1985 Kenney PJ; Brinsko RE; Patel DV; et al: sonography of the kidneys in hemolytic uremic syndrome, (Invest Radiol), 21: 547, 1986 Kenney PJ; Keller PS; Koehler RE: functional adversal disease: radiologic avaluation in a

adrenal disease: radiologic evaluation in a patient with anomalous kidneys, (AJR), 147: 289, 1986

1700 Kenney PJ; Robbins GL; Ellis DA; Spirt BA: adrenal glands in patients with congenital renal anomalies: CT appearance, (Radiology), 155: 181, 1985

Kenney PJ; Spirt BA; Ellis DA; Patil U: scrotal masses caused by meconium peritonitis: prenatal sonographic diagnosis, (Radiology), 154: 362, 1985

prenatal sonographic diagnosis, (Radiology), 154: 362, 1985
Kenney PJ; Spirt BA; Leeson MD: genitourinary anomalies: radiologic-anatomic correlations, (Radiographics), 4: 233, 1984
Kenney SM See Arundel CM
Kenney SM See Hundel CM
Kent WR See Hadlock FP
Kenton LA See Urano M
Kenyon DB See Garnett ES
Kera M See Hosoya T
Keramati B See Mirvis SE
Kerber CW See Cromwell LD
Kerber CW See Cromwell LD
Kerber CW See Rothman SLG
Kerber CW; Heilman CB: new calibrated-leak
microcatheters for cyanoacrylate embolization
and chemotherapy, (AJNR), 6: 434, 1985
Kerber GW; Frank PH: carcinoma of the small
intestine and colon as a complication of Crohn
disease: radiologic manifestations, (Radiology),
150: 639, 1984
Kerelakes DJ; Anderson DJ; Crouse L; et al: apical

intestine and colon as a complication of Crohn
disease: radiologic manifestations, (Radiology).
150: 639, 1984
Kereiakes DJ; Anderson DJ; Crouse L; et al: apical
hypertrophic cardiomyopathy. (Radiology), 150:
867, 1984
Kereiakes DJ; Herfkens RJ; Brundage BH; et al:
computerized tomography in chronic
thromboembolic pulmonary hypertension,
(Radiology), 152: 860, 1984
Kereiakes JG See Gelfand MJ
Kereiakes JG See Gelfand MJ
Kereiakes JG See Gelfand MJ
Kereiakes JG See Simmons GH
Kereiakes JG See Simmons GH
Kereiakes JG See Semper EL: Thomas SR: reactor
accident at Chernoby!: nuclear medicine
practitioner's perspective, (Semin Nucl Med),
16: 224, 1986
Keren DF See Agha FP
Kersets AG See Leekam RN
Kerin D See Kunin M
Kerlan RK Jr See Leekam RN
Kerlan RK Jr See Dooms GC
Kerlan RK Jr See Togany AC
Kerlan RK Jr See Ring EJ
Kerlan RK Jr; See Ring EJ
Kerlan RK Jr; See Ring EJ
Kerlan RK Jr; Kahn RK; LaBerge JM; et al:
percutaneous removal of renal staghorn calculi,
(AJR), 145: 797, 1985
Kerlan RK Jr; Kahn RK; Ring EJ: percutaneous renal
and ureteral stone removal, (Radiology), 153:
848, 1984
Kerlan RK Jr; LaBerge JM; Ring EJ: percutaneous
cholecystolithotomy: preliminary experience,

848, 1984
Kerlan RK Jr; LaBerge JM; Ring EJ: percutaneous cholecystolithotomy: preliminary experience, (Radiology), 157: 653, 1985
Kerlan RK Jr; Pogany AC; Burke DR; et al: recognition and management of renovascular hypertension, (AJR), 145: 119, 1985
Kerlan RK Jr; Pogany AC; Goldberg HI; et al: radiologic intervention in oriental cholangiohepatitis, (AJR), 145: 809, 1985

Kerlan RK Jr; Pogany AC; Jeffrey RB Jr; et al: radiologic management of abd (AIR), 144: 145, 1985

Kerlan RK Jr; Pogany AC; Ring EJ: recurrent gastrointestinal bleeding in a child with portal hypertension, (AJR), 143: 327, 1984

Kerlan RK Jr; Ring EJ: replaceable sump lumen catheter for abscess drainage, (Gastrointest Radiol), 11: 112, 1986

Kerlan RK Jr; Ring EJ; Pogany AC; Jeffrey RB Jr: biliary endoprostheses. insertion using a combined peroral-transhepatic method, (Radiology), 150: 828, 1984

Kerlan Rk Jr; Stimac G; Pogany AC; et al: bile flow through drainage catheters: an in vitro study, (AJR), 143: 1085, 1984

(AJK), 143: 1085, 1984
Kerlin P; David GL; McGill DB; et al: hepatic adenoma and focal nodular hyperplasia: clinical, pathologic, and radiologic features, (Radiology), 150: 554, 1984
Kern JA See Albelda SM

Kern JA See Marinelli DL Kernek CB See Park H-M Kerr GR See Snee MP Kerr IH See Phelan MS

Kerr IH: interstitial lung disease: the role of the radiologist, (Radiology), 152: 250, 1984

Kerr R See Curtis DJ Kerr R See Resnick D Kerr R See Sartoris DJ

Kerr R; Resnick D; Pineda C; et al: osteoarthritis of the glenohumeral joint: radiologic-pathologic study, (AJR), 144: 967, 1985 Kerr RM See Gelfand DW Kerremans A See Corstens F

Kersh CR; Eisert DR; Hazra TA: malignant thymoma: role of radiation therapy in management, (Radiology), 156: 207, 1985 Kersschot EAJ See Stadnik TW

Kerstein MD See Kitahama A Kersten RF See Nasr AM Keshavarzian A See Gibson RN Keshavarzian A See Pring DJ

Kessimian N See Finelli PF Kessler DJ; Mickel RA; Calcaterra TC: malignant salivary gland tumors of the base of the tongue, (Radiology), 161: 862, 1986

anomalies in association with osteodystrophies—a spectrum, (Radiology), 153: 270, 1984 Kessler HB: Recht MP: Dalinka MK: vascular

270, 1984

Kessler KM; Anzola E; Sequeira R; et al: mitral valve prolapse and systolic anterior motion: a dynamic spectrum, (Radiology), 150: 615, 1984

Kessler RM; Ellis JR Jr; Eden M: analysis of emission tomographic scan data: limitations imposed by resolution and background, (Radiology), 154: 862, 1985

Kessler SM See Surkin MI

Keswani H See Oni OOA

Keszthelvi-Landori S: Nal(Tl) camera crystals:

Keszthelyi-Landori S: Nal(TI) camera crystals: imaging capabilities of hydrated regions on the crystal surface, (Radiology), 158: 823, 1986 Ketonen L See Sipponen JT Ketonen L; Gyldensted C: lumbar disc disease evaluated by myelography and postmyelography spinal computed tomography, (Neuroradiol), 28: 144, 1986

white matter lesions in computed tomography of neurosarcoidosis, (JCAT), 10: 181, 1986

Kettyle WM See Fischer EG Ketyer S See Cholankeril JV Kew MC See Savitch I Keyes GS See Burbank FH Keyes JW Jr See Kalff V

Keyes JW Jr See Kallf V Keyes JW Jr; Singer D; Satterlee W; Kalff V; Harkness BA: liver-spleen studies with the rotating gamma camera. IL utility of tomography. (Radiology), 153: 537, 1984 Keyes WD See Ell SR Keyes WD See Smoker WRK

Keys RA; Purdy JA: radiation leakage from linac electron applicator assembly, (Radiology), 155: 288, 1985

Keys T See Prato FS Khaja F See Alam M Khakoo R See McKenzie R Khakoo Y See Bass IS Khan A See Agarwal KC

Anan A See Agarwal KC
Khan A; Gersten KC; Garvey J; Khan FA: oblique
hilar tomography, computed tomography, and
mediastinoscopy for prethoracotomy staging of
bronchogenic carcinoma, (Radiology), 156: 295,
1985

1985
Khan A; Herman PG: intrathoracic manifestations of lymphoma, (Semin US CT MR), 7: 18, 1986
Khan A; Khan FA; Garvey J; et al: oblique hilar tomography and mediastinoscopy: a correlative prospective study in 100 patients with bronchogenic carcinoma, (Radiology), 155: 547, 1085.

Khan FA See Khan A

Khan O See Ott RI

Khan O; Cosgrove DO; Fried AM; Savage PE:

ovarian carcinoma follow-up: US versus laparotomy, (Radiology), 159: 111, 1986 Khan O; Wiltshaw E; McCready VR; et al: role of ultrasound in the management of ovarian carcinoma, (Radiology), 152: 267, 1984

Khan R See Feit A

Khan R See Feit A
Khangure MS See Chakera TMH
Khanna S, Kirwan P; Naftalin NJ; et al: treatment of
stages II, III and IV primary surface epithelia
ovarian cancers by maximum bulk tumour
reduction and combined chemotherapy with
cyclophosphamide, doxorubicin and cisplatin,
(Clin Radiol), 37: 187, 1986
Khashu R Sea Lee WI

Khashu B See Lee WI

Khashu B See Lee WJ Khasidy LR; Ansong K; Smith AD: physical characteristics of percutaneous nephroscopes, (Radiology), 158: 569, 1986
Khasidy LR; Smith AD: re-entry nephrostomy catheter for endourological applications, (Radiology), 156: 564, 1985
Khatib G See Potter AJ Jr

Khatri BO; Baruah K; McQuillen MP: correlation of electromyography with computed tomography in evaluation of lower back pain, (Radiology), 154-565 1985

Khaw BA; Cooney J; Edgington T; et al: differences in experimental tumor localization of dual-labeled monoclonal antibody, (J Nucl Med), 27: 1293, 1986

Khayat G; Achram M; Rizk C: role of breast scintigraphy in detecting breast masses, (Radiology), 158: 566, 1986

Khentigan A See Engelstad BL Khodadad G See Silberstein EB

Khoo FY; Kanagasuntheram R; Chia KB; et al: normal nasopharyngogram, (AJR), 147: 145,

Khoshdel-Milani O See Iskander MI

Khosia VK; Banerjee AK; Chopra JS: intracranial actinomycoma with osteomyelitis simulating meningioma. case report, (Radiology), 152: 855,

Khosia VK; Banerjee AK; Mathuriya SN; et al: giant

cystic cavernoma in a child. case report, (Radiology), 154: 560, 1985 Khosia VK; Kak VK; Mathuriya SN: chronic spinal subdural hematomas: report of two cases, (Radiology), 161: 287, 1986

Khoubesserian P See Gilles C Khouri NF See Hamper UM Khouri NF See Naidich DP Khouri NF See Siegelman SS Khouri NF See Zerhouni EA

Khouri NF See Zerhouni EA
Khouri NF, Stitik FP, Erozan YS, et al: transthoracic
needle aspiration biopsy of benign and
malignant lung lesions. (AJR). 144: 281, 1985
Khoury GA; Hopper JC; Varghese Z; et al:
nephrotoxicity of ionic and non-ionic contrast
material in digital vascular imaging and
selective renal arteriography, (Radiology), 152:
251, 1984

Khoury M See Chen JTT

Khoury MB See Apple JS
Khoury MB, Dolan E: sideways dislocation of the
temporomandibular joint meniscus: edge sign,
(AJNR), 7: 869, 1986

(AJNR), 7: 869, 1986
Khoury MB; Godwin JD; Halvorsen RA Jr;
Hanun Y; Putman CE: role of chest CT in nonHodgkin lymphoma, (Radiology), 158: 659, 1986
Khoury MB; Godwin JD; Ravin CE; et al: thoracic
cryptococcosis: immunologic competence and
radiologic appearance, (AJR), 142: 893, 1984
Khoury PT See Smith TR
Khusainov AA See Shilnikov GV

Khushalani S See Majid OA Kidambi AV See Kidambi H

Kidambi H; Herbert R; Kidambi AV: ultrasonic demonstration of superior mesenteric and splenoportal venous thrombosis, (JCU), 14: 199,

Kidd DD See Cronan JJ

Kidd DD See Cronan JJ Kidd R; Correa R Jr: fine-needle aspiration biopsy of lymphangiographically normal lymph nodes: a negative view, (AJR), 142: 1005, 1984 Kidd R; Crane RD; Dail DH: lymphangiography and fine-needle aspiration biopsy: ineffective for staging early prostate cancer, (AJR), 142: 1007, 1984

Kidney M; Goiney R; Cooperberg PL: adenomyomatosis of the gallbladder: pictorial exhibit, (J Ultrasound Med), 5: 331, 1986

Kido DK See Holder JC Kido DK See Holtas SL Kido DK See Kieffer SA Kido DK See Simon JH Kido M See Nakata H Kieffer RW See Patel J

Kieffer SA See Leeson MD Kieffer SA; Binet EF; Davis DO; et al: lumbar myelography with iohexol and metrizamide, (Radiology), 157: 856, 1985 Kieffer SA; Binet EF; Davis DO; Gabrielsen TO; Kido DK; Latchaw RE; Turski PA; Shaw DD: lumbar myelography with iohexol and metrizamide: a comparative multicenter prospective study, (Radiology), 151: 665, 1984 Kieffer SA; King GA; King RB; et al: late deterioration after treatment of brain peoplass

deterioration after treatment of brain neoplasm.

(A)R), 144: 1/5, 1985 Kieffer SA; Kricheff II; Drayer BP; Hasso AN; Lukin RR: November 1985 neuroradiology film interpretation session, (Radiographics), 6: 287, 1986

Kieft GJ; Bloem JL; Obermann WR; Verbout AJ; Rozing PM; Doornbos J: normal shoulder: MR imaging, (Radiology), 159: 741, 1986 Kien P See Cassier C

Kien P See Guiard J-M Kienlein-Kletschka B See Haneke E

Kienzle GD; Goldenberg MH; Just NWM; et al: facial nerve neurinoma presenting as middle cranial fossa mass: CT appearance, (JCAT), 10: 391, 1986

Kier R; Herfkens RJ; Blinder RA; et al: MRI with

surface coils for parathyroid tumors: preliminary investigation, (AJR), 147: 497, 1986 Kier R; Osborne DR: low dose arterial contrast

enhancement for cranial computed tomography in renal insufficiency, (JCAT), 9: 800, 1985 Kier R; Silverman PM; Korobkin M; et al: malignant teratoma of the thyroid in an adult: CT appearance, (JCAT), 9: 174, 1985

Kier R; Wain SL; Apple J; et al: osteoarthritis of the sternoclavicular joint: radiographic features and pathologic correlation, (Invest Radiol), 21: 227, 1986 Kiernan S See Li KI

Kikkawa K: new antegrade femoral artery catheter needle set, (Radiology), 151: 798, 1984 Kikuchi Y See Oshima M Kilbourn MR See Brodack JW Kilcovne RF See Hall FM Kilcoyne RF See Mack LA Kilcoyne RF See Montana MA

Kilcovne RF See Richardson ML Kilcoyne RF; Cope R; Cunningham W; et al: minimal spinal hyperostosis with low-dose isotretinoin therapy, (Invest Radiol), 21: 41, 1986 Kilgore DP See Daniels DL

Kilgore DP See Pech P

Kijewski PK See Chin LM

Kilgore Dr. See Pech P
Kilgore DP; Breger RK; Daniels DL; Pojunas KW;
Williams AL; Haughton VM: cranial tissues:
normal MR appearance after intravenous
injection of Gd-DTPA, (Radiology), 160: 757,
1986

Kilgore DP; Strother CM; Starshak RJ; Haughton VM: pineal germinoma: MR imaging, (Radiology), 158: 435, 1986

Kilgore TL; Chasen MH: endobronchial non-Hodgkin's lymphoma, (Radiology), 150: 853, 1984

Kilkku P See Parvinen LM Killam AP See Baker ME Killam AP See Mahony BS Killebrew E See Lipton MJ

Kim D See Crivello MS

Kim D; Guthaner DF; Walter JF; et al: embolization of visceral arteriovenous fistulas with a modified steel wire technique, (AJR), 142: 1215, 1984

Kim EE See Bledin AG Kim EE See Jaramillo D Kim EE See Kantarjian HM Kim EE See Woods DM

Kim EE; Bledin AG; Kavanagh J; Haynie TP; Chuang VP: chemotherapy of cervical carcinoma: use of Tc-99m-MAA infusion to predict drug distribution, (Radiology), 150: 677, 1984

Kim EE; Haynie TP: role of nuclear medicine in chemotherapy of malignant lesions, (Semin Nucl Med), 15: 12, 1985

Nuci Med), 13: 12, 1985
Kim EE; Pjura G; Lowry P; Verani R; Sandler CM;
Flechner SM; Kahan B: cyclosporin-A
nephrotoxicity and acute cellular rejection in
renal transplant recipients: correlation between
radionuclide and histologic findings,
(Radiology), 159: 443, 1986
Kim HC: Nesher L March Act 15, 1986

Kim HC; Nosher J; Haas A; et al: cystic degeneration of thymic Hodgkin's disease following radiation therapy, (Radiology), 156: 285, 1985

Kim J See Virapongse C

Kim JH; Leeper RD: combination adriamycin and radiation therapy for locally advanced carcinoma of the thyroid gland, (Radiology), 153: 283, 1984

Kim KS; Walczak TS: computed tomography of deep cerebral venous thrombosis, (JCAT), 10: 386, 1986

Kim P; Ishijima B; Takahashi H; et al: hemiparesis caused by vertebral artery compression of the medulla oblongata, (Radiology), 158: 284, 1986

Kim SY; Lim JH; Lee JD: papillary carcinoma of the pancreas: findings of US and CT, (Radiology), 154: 338, 1985

Kimball D; Smith W: meconium peritonitis with thoracic extension, (AJR), 144: 113, 1985

thoracic extension. (AJR), 144: 113, 1985
Kimmel DW, O'Neill BP: systemic cancer
presenting as diabetes insipidus: clinical and
radiographic features in 11 patients with a
review of metastatic-induced diabetes insipidus,
(Radiology), 152: 844, 1984
Kimme-Smith C See Gold RH
Kimme-Smith C See Winter J
Kimme-Smith C See Winter J
Kimme-Smith C; Hansen M; Bassett L; Sarti D;
King W III: ultrasound mammography: effects
of focal zone placement, (Radiographics), 5: 955,
1985

1985

1985
Kimmig B See Eisenhut M
Kimoto T See Nakata H
Kimoto T See Nakata H
Kimoto T See Tsukamoto Y
Kimura A; Nakamura S; Nijjima T: ultrasonic
diagnosis of scrotal contents using newly
developed circular compound scanner,
(Radiology), 152: 267, 1984
Kimura A; Nakamura S; Niizuma M; et al:
quantitative analysis of ultrasonogram of the
prostate, (JCU), 14: 501, 1986
Kimura K See Ebara M

prostate, (ICU), 14: 501, 1986
Kimura K See Ebara M
Kimura K; Okuda K; Takara K; et al: membranous
obstruction of the portal vein. a case report,
(Radiology), 156: 855, 1985
Kimura R See Shibamoto Y
Kimura Y See Matsui T

Kinard RE; Orrison WW: ultrasound demonstration of the retroaortic left renal vein, (JCU), 14: 151,

Kinard RE; Orrison WW; Brogdon BG: value of a worksheet in reporting body-CT examinations, (AJR), 147: 848, 1986

worksheet in reporting body-CT examinations, (AJR), 147: 848, 1986
Kindblom L-G See Berlin O
King BD See Ambrose JA
King DL; Lizzi FL; Feleppa EJ; Wai PM;
Yaremko MM; Rorke MC; Herbst J; focal and diffuse liver disease studied by quantitative microstructural sonography, (Radiology), 155: 457, 1985
King GA See Kieffer SA
King GA See Prasad SC
King GT See Zagoria RJ
King HA See Prasad SC
King GT See Zagoria RJ
King HA See Rosenbaum DM
King JE See MacCarty RL
King MA; Schwinger RB; Penney BC; et al: digital restoration of indium-111 and iodine-123 SPECT images with optimized Metz filters, (J Nucl Med), 27: 1327, 1986
King ME; Braun H; Goldblatt A; et al: interventricular septal configuration as a predictor of right ventricular systolic hypertension in children: a cross-sectional echocardiographic study, (Radiology), 151: 548, 1984
King PM: Heading RC; Pryde A; coordinated motor

echocardiographic study, (Radiology), 151: 548, 1984
King PM; Heading RC; Pryde A: coordinated motor activity of the human gastroduodenal region, (Radiology), 156: 570, 1985
King PS; Cooperberg PL; Madigan SM: anechoic crescent in abdominal aortic aneurysms: not a sign of dissection, (AJR), 146: 345, 1986
King RB See Kieffer SA
King TE See Watters LC
King TE Jr See Stelzner TH Jr
King W III See Kimme-Smith C
King W III See Kimme-Smith C
King W III See Winter J
King W III; Higashida RT: non-filled bladder: techniques and applications in sonographic evaluation of the early second trimester pregnancy, (Radiographics), 4: 977, 1984
King W III; Kimme-Smith C; Winter J; renal stone shadowing: investigation of contributing factors, (Radiology), 154: 191, 1985
Kingma LM See Heystraten FM

factors, (Radiology), 154: 191, 1985
Kingma LM See Heystraten FM
Kingsley DPE See Bydder GM
Kingsley DPE See Bydder GM
Kingsley DPE See Curati WL
Kingsley DPE; Brooks GB; Leung AW-L; et al:
acoustic neuromas: evaluation by magnetic
resonance imaging, (A)NR), 6: 1. 1985
Kingsley DPE; Kendall BE; Fitz CR: tuberous
sclerosis: clinicoradiological evaluation of 110
cases with particular reference to atypical
presentation, (Neuroradiol), 28: 38, 1986
Kingston E See Bobba VR
Kini SR See Hamburger JI
Kinkel PR See Jacobs L
Kinkel PR See Jacobs L
Kinkel PR See Rudick RA
Kinkel NR See Jacobs L

Kinkel PR See Rudick RA
Kinkel WR See Jacobs L
Kinn A-C; Lantz B: vitamin B12 deficiency after
irradiation for bladder carcinoma, (Radiology),
154: 573, 1985
Kinney SE See Kaye AH
Kinney TB, Chin AK, Rurik GW; Finn JC;
Shoor PM; Hayden WG; Fogarty TJ;
transluminal angioplasty: a
mechanical-pathophysiological correlation of
its physical mechanisms, (Radiology), 153: 85,
1984
Kinney TB: Fan M: Chin AK: et al; shear force in

Kinney TB; Fan M; Chin AK; et al: shear force in angioplasty: its relation to catheter design and function, (AJR), 144: 115, 1985 Kinnison M See Mitchell SE Kinnison ML See Gallacher DJ

Kinnison ML; Adams PE; White RI Jr: silicone biliary stents for percutaneous management of biliary obstruction, (Radiology), 154: 533, 1985

biliary obstruction, (Radiology), 154: 533, J Kinnison ML; Kadir S; Strandberg JD; Anderson JH; White RI Jr: percutaneous spermatic vein occlusion: evaluation of sclerosing agents in experimental animals, (Radiology), 161: 299, 1986

Kinnison ML; Kaufman SL; Chang R; et al: upper-extremity venography using digital subtraction angiography, (Cardiovasc Intervent Radiol), 9: 106, 1986

106, 1986

Kinnison ML; Perler BA; Kaufman SL; Mitchell SE; Kadir S; Williams GM; White RI Jr: in situ saphenous vein bypass grafts: angiographic evaluation and interventional repair of complications, (Radiology), 160: 727, 1986

Kinnison ML; Perler BA; White RI Jr; et al: tailored approach for evaluation of peripheral vascular disease: intravenous digital subtraction angiography, (AJR), 142: 1205, 1984

Kinnison ML; White RI Jr; Auster M; Hewes R; Mitchell SE; Shuman L; Gallacher D: inpatient admissions for interventional radiology: philosophy of patient management.

philosophy of patient management, (Radiology), 154: 349, 1985 Kinnison ML; White RI Jr; Bowers WP; et al: cost incentives for peripheral angioplasty, (AJR), 145: 1241, 1985

Kinoshita E See Nomura G Kinoshita H See Igawa S Kinsella TJ See Fraass BA

Kinsella TJ; Dobson PP; Russo A; et al: modulation of x ray DNA damage by SR-2508 ± buthionine sulfoximine, (Int J Radiat Oncol Biol Phys), 12: 1127, 1986

Kintanar C; Cramer BC; Reid WD; et al: neonatal renal candidiasis: sonographic diagnosis, (AJR), 147: 801, 1986

Kinzie JJ See Thomas PRM Kipper M See Taylor A Jr

Kipper M See Kipper SL
Kipper MS; Witztum KF; Taylor A Jr: visual
determination of differential renal function,
(Clin Nucl Med), 11: 313, 1986

Kipper S See Wing VW

Kipper S See wing W Kipper SL; Rimkus DS; Dillon WA: gold-195m first-pass radionuclide ventriculography, thallium-201 single-photon emission CT, and 12-lead ECG stress testing as a combined procedure, (Radiology), 156: 817, 1985

Kipper SL; Steiner RW; Witztum KF; Basarab RM; Kipper MS; Halpern SE; Ashburn WL: In-111-leukocyte scintigraphy for detection of infection associated with peritoneal dialysis catheters, (Radiology), 151: 491, 1984 Kirby DF See Gore RM

Kirby JC; Jaindl JJ: cerebral CT findings in toxemia of pregnancy, (Radiology), 151: 114, 1984
Kirby TH; Hanson WF; Gastorf RJ; et al: mailable TLD system for photon and electron therapy beams, (Int J Radiat Oncol Biol Phys), 12: 261, 1986

Kircher K: diagnostik des akuten abdomens mit bildgebenden verfahren. ein klinisch-radiologisches konzept (diagnosis of the acute abdomen with diagnostic imaging technologies. a clinico-radiologic approach), (Radiology), 161: 146 1042

Kricher K: ultraschalldiagnostik bei schiddrusenerkrankungen (sonographic diagnosis of thyroid diseases), (Radiology), 157: 512, 1985

Kircher K: ultraschall in der bildgebenden diagnostik (ultrasound in diagnostic imaging), (Radiology), 155: 772, 1985

Kirchner FK Jr See Winfield AC Kirchner JA See Souliere CR Ir Kirchner PT See Little AG Kirchner SG See Eisenberg D

Kirchner SG See Heller RM Kirchner SG See Winfield AC

Kirkham FJ See Padayachee TS

Kirchner SQ; Kossoff J; Pickens DR III: women in radiology in the United States: 1982 survey of their professional practices, (AJR), 142: 1055, 1984

Kirchner SG; Sivit CJ; Wright PF: hyperimmunoglobulinemia E syndrome: association with osteoprosis and recurrent fractures, (Radiology), 156: 362, 1985 Kiri M See Shimizu K

Kirkham J See Feinberg SB Kirklin JK See Diethelm E Kirklin JW See Shin MS Kirkpatrick AE See Muir BB Kirkpatrick J Jr See Hernanz-Schulman M Kirkpatrick JA Jr; Harris GBC; Kushner DC: thoracic complications of plasma cell gran thoracic complications of plasma cell granuloma of the lung, (Radiology), 153: 566, 1984 Kirkpatrick JB See Jankovic J

Kirks D See Ramirez RE Kirks DR See Bousvaros A Kirks DR See Chen JTT Kirks DR See Effmann EL

Kirks DR See Lourie GL Kirks DR See Merten DF

Kirks DR See Woodruff WW III

Kirks DR See Woodruff WW III Kirks DR; Bowie JD: cranial ultrasonography of neonatal periventricular/intraventricular hemorrhage: who, how, why and when?, (Pediatr Radiol), 16: 114, 1986.

Kirks DR; Coleman RE; Filston HC; et al: imaging approach to persistent neonatal jaundice, (AJR), 142: 461, 1984

Kirks DR; Currarino G; Chen JTT: mediastinal collateral arteries: important vessels in coarctation of the aorta, (AJR), 146: 757, 1986

Kirks DR; Merten DF; Filston HC; et al: Currarino triad: complex of anorectal malformation, sacral bony abnormality, and presacral mass, (Radiology), 153: 852, 1984
Kirpekar M See Abiri MM

Kirpekar M; Abiri MM; Hilfer C; et al: ultrasound in the diagnosis of systemic candidiasis (renal and cranial) in very low birth weight premature infants, (Pediatr Radiol), 16: 17, 1986

Kirsch C-M; Doliwa R; Buell U; et al: detection of Kirsch C-M; Doliwa R; Buell U; et al: detection of severe coronary heart disease with T1-201: comparison of resting single photon emission tomography with invasive arteriography, (Radiology, 152: 869, 1984
Kirschberger R; Graff J-H; Henning A: stress fractures of the os naviculare pedis. radiographic diagnosis of a rare fracture, (Radiology, 157: 281, 1985
Kirschling RJ See Grantham JG
Kirschling RJ; Kvols LK; Charboneau JW; et al: high-resolution ultrasonographic and pathologic abnormalities of germ cell tumors in patients with clinically normal testes,

patients with clinically normal testes, (Radiology), 151: 559, 1984 Kirsh JC; Tepperman PS: assessment of hand blood flow: modified technique, (AJR), 144: 781, 1985 Kirshner HS See Runge VM

Kirwan P See Khanna S Kisa T See Ieshima A Kiser LC See Munn CS Kiser LC See Wetzner SM Kiser PE See Henry DA Kiser PE See Olson LK Kishi K See Takayasu K Kishi K See Todds WJ Kishore PRS See Lipper MH Kislak S See Hill LM

Kispert DB See Baker HL Jr Kispert DB See Ormson MJ Kispert DB See Plunkett MB

Kiss ZS See Beynon J Kissin CM; Bellamy EA; Cosgrove DO; et al: focal sparing in fatty infiltration of the liver, (Br J Radiol), 59: 25, 1986

Kistler JP See De Witt LD

Kistler JP See De Witt LD
Kistler JP, Crowell RM; Davis KR; et al: relation of
cerebral vasospasm to the extent and location of
subarachnoid blood visualized by CT scan: a
prospective study, (Radiology), 150: 291, 1984
Kitabatake 4; Inoue M. 4sao M; et al: noninvasive
evaluation of pulmonary hypertension by a
pulsed Doppler technique, (Radiology), 151:
831, 1984

501, 1704
Kitagawa K See Matsui O
Kitagawa K; Takashima T; Matsui O; et al:
angiographic findings in two carcinoid tumors
of the gallbladder, (Gastrointest Radiol), 11: 51,

Kitagawa K; Takashima T; Matsui O; et al: marked hypervascularity and early arteriovenous shunting with portal vein filling in chronic relapsing pancreatitis, (Gastrointest Radiol), 11: 56, 1986

Kitahama A; Kerstein MD; Overby JL; et al: routine intraoperative cholangiogram, (Radiology), 160: 856, 1986

Kitahara H See Iwase M Kitamura K See Abe M Kitamura K See Hasuo K

Kitamura K, Berreby M: temporal bone histopathology associated with occlusion of vertebrobasilar arteries, (Radiology), 151: 270,

Kitamura N See Aoki J Kitamura T See Tanaka S Kitani S See Yumoto E Kitaura Y See Kudo M

Kittredge RD: computed tomographic evaluation of the thoracic prevertebral and paravertebral spaces, (Radiology), 151: 554, 1984 Kivisaari L See Hekali P Kivisaari L See Landtman M

Kivisaari L See Somer K Kivisaari L; Alitalo I: immediate effects of retrograde pancreatography on the pancreas, (Radiology), 153: 267, 1984 Kivisaari L; Somer K; Standertskjold-Nordenstam C-G; et al: new method for the diagnosis of acute hemorrhagic-necrotizing pancreatitis using contrast-enhanced CT, (Radiology), 152: 861, 1984

Kiwak MG; McLoud TC; Dedrick CG; et al: Entriflex feeding tube: need for care in using it, (AJR), 143: 1341, 1984

Kiwi R See Parulekar SG

Kiruk at JElmaleh DR; Boudreaux GJ; et al: N-[<sup>11</sup>C-methyl]chlorphentermine and N,N-[<sup>11</sup>C-dimethyl]chlorphentermine as brain blood-flow agents for positron emission tomography. (J Nucl Med), 27: 532, 1986

Kjaer M; Boris P; Hansen LG: abnormal CT scan in a patient with Gilles de la Tourette syndrome, (Neuroradiol), 28: 362, 1986

Kjaer M; Engelholm SA: clinical course and Kjaer M; Engelholm SA: clinical course and prognosis of patients with renal adenocarcinoma with solitary metastasis, (Radiology), 150: 303, 1984 Kjartansson O See Nakstad PH

Rjellberg RN; Hanamura T; Davis KR; et al: Bragg-Peak proton-beam therapy for arteriovenous malformations of the brain, (Radiology), 151: 563, 1984

Kjellen G; Svedberg JB; Tibbling L: solid bolus transit by esophageal scintigraphy in patients with dysphagia and normal manometry and radiography, (Radiology), 152: 869, 1984 Kjellevold K See Borthne A

Kjos BO See Brant-Zawadzki M

Kjos BO See Dillon WP Kjos BO See Ehman RL

Kjos BO See Kucharczyk W Kjos BO See Sobel DF

os BO; Brant-Zawadzki M; Kucharczyk W; Kelly WM; Norman D; Newton TH: cystic intracranial lesions: magnetic resonance imaging, (Radiology), 155: 363, 1985

Kjos BO; Ehman RL; Brant-Zawadzki M; et al: reproducibility of relaxation times and spin density calculated from routine MR imaging sequences: clinical study of the CNS, (AJNR), 6: 271, 1985

271, 1985

Kjos BO; Ehman RL; Brant-Zawadzki M:
reproducibility of T1 and T2 relaxation times
calculated from routine MR imaging sequences:
phantom study. (AJNR), 6: 277, 1985

Klapdor R See Brockmann WP
Klappenbach RS See Brody JM

Klara PM; George ED; McDonnell DE; et al:
morphological studies of human arteriovenous
mailformations: effects of isobutyl 2:
cyanoacrylate embolization, (Radiology), 160:
574, 1986

Klassen R & See Parting VA

Klassen RA See Pettine KA Klatte EC See Cohen MD Klatte EC See Conces DI Ir Klatte EC See Luft FC

Klatte EC See Clist P.C.
Klatte EC See Olson E
Klatte EC See Tarver RD
Klatte EC See Yune HY
Klatte EC; Becker GJ; Holden RE; Yune HY:
fibrinolytic therapy, (Radiology), 159: 619, 1986
Klauber GC See Leonidas JC

Klauber MR See Toutant SM Klausner JM See Lelcuk S Kleefield J See O'Reilly GV

Klein A See Bohrer SP Klein A: fundamentals of radiology. 3d ed., (Radiology), 153: 384, 1984 Klein A; Bohrer SP; Martin W III: dorsal dislocation

of the radiocarpal joint with associated dorsal perilunar dislocation, (J Canad Assoc Radiol), 37: 201, 1986

Klein B See Tiu S Klein B; McGahan JP: thorn synovitis: CT diagnosis, ([CAT), 9: 1135, 1985 Klein E See Fotter R

Klein FA See Pintauro WL Klein FA See Vick CW Klein G See Felice R

Klein HA: applications of condensed dynamic images, (Clin Nucl Med), 11: 178, 1986

Klein JL See Order SE

Klein JL See Sebrechts C Klein JL; Kopher KA; Rostock RA: ferritin concentration and <sup>131</sup>I-antiferritin tumor

concentration and "I-antiterritin tumor localization in an experimental hepatoma, (Int J Radiat Oncol Biol Phys), 12: 137, 1986 (Kiel J.L.; Sandoz JW; Kopher KA; et al: detection of specific anti-antibodies in patients treated with radioloabeled antibody, (Int J Radiat Oncol Biol Phys), 12: 939, 1986

Phys), 12: 939, 1986 Klein MD; Coran AG; Wesley JR; et al: Hirschsprung's disease in the newb (Radiology), 155: 855, 1985 Klein MJ See Abdelwahab IF Klein ML See Siskind BN

Klein RM: occult traumatic lesions of the cervical and thoraco-lumbar vertebrae, 2d ed., (Radiology), 151: 466, 1984

Klein RS See Frager DH
Kleiner B; Filly RA; Mack LA; Callen PW:
multicystic dysplastic kidney: observations of
contralateral disease in the fetal population,
(Radiology), 161: 27, 1986
Kleinerman J See Pervez NK
Kleinert R See Steiner H

Kleinhaus U; Engel A: drainage catheter displacement: comment, (Radiology), 157: 835, 1985

Kleinhaus U; Engel A: simple method for early detection of a dislodged percutaneous drainage catheter, (Radiology), 151: 255, 1984 Kleinhaus U; Weich YL; Maoz S: gastroduodenal intussusception secondary to prolapsing gastric tumors, (Gastrointest Radiol), 11: 229, 1986

Kleinman CS See Copel JA Kleinman CS See Gewolb IH

Kleiman CS See Gewolf III Kleiman PK See Raptopoulos V Kleiman PK; Brill PW; Winchester P: resolving duodenal-jejunal hematoma in abused children, (Radiology), 160: 747, 1986

Kleinman PK; Kanzaria PK; Goss TP; et al: axillary arthrotomography of the glenoid labrum, (AJR), 142: 993, 1984

Kleinman PK; Marks SC; Blackbourne B: metaphyseal lesion in abused infants: radiologic-histopathologic study, (AJR), **146**: 895, 1986

Kleinman PK; Raptopoulos V: anterior diaphragmatic attachments: anatomic and radiologic study with clinical correlates, (Radiology), 155: 289, 1985

Kleinman PK; Zito JL: avulsion of the spinous processes caused by infant abuse, (Radiology), 151: 389, 1984

Klepp O See Stridsklev IC Klevenhagen SC See Mantell BS Kleynhans PHT See van Aswegen A Klinberg I; Hunter P; Hawkins IF; et al:

Klinberg I; Hunter P; Hawkins IF; et al: preoperative angioinfarction of localized renal cell carcinoma using absolute ethanol, (Radiology), 156: 271, 1985 Kline LB See Post MJD Kline LB; Garcia JH; Harsh GR III: lymphomatous optic neuropathy, (Radiology), 156: 861, 1985 Kline RW See Cox JD

Kline RW See Gillin MT Kling GA See Haynes JW Kling TF Jr See Blane CE Kling TF Jr See Ho AMW Klinge J See Puijlaert CBAJ Klingen G See Erikson U Klingensmith WC III See Kuni CC

Klingensmith WC III: evaluation of a physiologic method of interpreting first circulation time-indicator curves, (Invest Radiol), 21: 566, 1986

Klingensmith WC III; Cioffi-Ragan DT:

Klingensmith W III Clorit-Ragan DT: schizencephaly: diagnosis and progresson in utero. (Radiology). 159: 617, 1986 Klingensmith W III; Eckhout GV: cholelithiasis in the morbidly obese: diagnosis by US and oral cholecystography. (Radiology). 160: 27, 1986 Klingmuller V See Reither M

Klingmuller V See Reither M Klingmuller V; Abiodun P; Baumgarten K: sonographic examination of gallbladder kinetics in childhood—a comparison between healthy children and mucoviscidosis patients, (Radiology), 150: 290, 1984

Klinkhamer AC See Feldberg MAM Klinnert V See Nothdurft W

Klintenberg C; Olofsson J; Hellquist H; et al: adenocarcinoma of the ethmoid sinuses. a review of 38 cases with special reference to wood dust exposure, (Radiology), 155: 281, 1985

Klion FW See Lebovics E Klopenstein HS See Leimgruber PP Klopper JF See Van Rensburg LCJ Klos DS See Fox S Klose K See Schild H Kloster R See Sortland O Klug GL See De Campo JF Knackstedt VE See Dillon WP

Knake JE See Gabrielsen TO Knake JE See Gebarski SS Knake JE See Latack JT Knake JE See Williams DM

Knake JE See Yang PJ Knake JE, See Tang TJ Knake JE, Sowerman RA; Silver TM; et al: neurosurgical applications of intraoperative ultrasound, (Radiol Clin North Am), 23: 73, 1985 Knake JE; Chandler WF; Gabrielsen TO; Latack JT;

ake JE; Chandler WF; Gabrielsen TO; Latack JT; Gebarski SS: intraoperative sonographic delineation of low-grade brain neoplasms defined poorly by computed tomography, (Radiology), 151: 735, 1984 ake JE; Gabrielsen TO; Chandler WF; Latack JT; Gebarski SS; Yang PJ: real-time sonography during spinal surgery, (Radiology), 151: 461, 1984

Knake JE; Gabrielsen TO; Zwolak RM: saccular aneurysm of the proximal left common carotid artery, (AJNR), 6: 296, 1985

Knapp AB; Horst DA; Eliopoulos G; et al:
widespread cytomegalovirus gastroenterocolitis
in a patient with acquired immunodeficiency
syndrome, (Radiology), 153: 561, 1984
Knapp FF Jr; Godman MM; Callahan AP; et al:
radioi

med). 27: 52.1, 1936 Knapp WH; von Kummer R; Kubler W: imaging of cerebral blood flow-to-volume distribution using SPECT, (J Nucl Med), 27: 465, 1986 Kneeland JB See Daniels DL

Kneeland JB See Froncisz W Kneeland JB See Lawson TL Kneeland JB See Lee BCP Kneeland JB See Pardes JG Kneeland JB See Rubenstein WA Kneeland JB See Saddekni S

Kneeland JB See Zirinsky K
Kneeland JB; Auh YH; McCarron JP; et al:
computed tomography, sonography,
vesiculography, and MR imaging of a seminal
vesical cyst, (JCAT), 9: 964, 1985

Kneeland JB; Auh YH; Zirinsky K; et al: MR, CT, and ultrasonographic demonstration of splenic vein thrombosis, (JCAT), 8: 1199, 1984

vein thrombosis, (JCAT), 8: 1199, 1984
eeland JB; Carrera GF; Middleton WD;
Campagna NF; Ryan LM; Jesmanowicz A;
Froncisz W; Hyde JS: rotator cuff tears:
preliminary application of high-resolution MR
imaging with counter rotating current loop-gap
resonators, (Radiology), 160: 695, 1986
eeland JB; Jesmanowicz A; Froncisz W;
Grist TM; Hyde JS: high-resolution MR
imaging sping loop are peeper above, work in

imaging using loop-gap resonators: work in progress, (Radiology), 158: 247, 1986 Kneeland JB; Knowles RJR; Cahill PT: magnetic

Kneeland JB; Knowles RJR; Cahill PT: magnetic resonance imaging systems: optimization in clinical use, (Radiology), 153: 473, 1984 Kneeland JB; Knowles RJR; Cahill PT: multisection multi-echo pulse magnetic resonance techniques: optimization in a clinical setting, (Radiology), 155: 159, 1985 Kneeland JB; Shimakawa A; Wehrli FW: effect of intersection spacing on MR image contrast and study time, (Radiology), 158: 819, 1986 Knight CD Jr See Coffer RJ Jr Knight LC See Maurer AH

Knight LC, Maurer AH; Robbins PS; Malmud LS; Budzynski AZ: fragment E<sub>1</sub> labeled with I-123 in the detection of venous thrombosis, (Radiology), 156: 509, 1985 Knight MR See Vinson AM

Knight RC See Edwards DI Knobel J See Collier BD Knobel J See Rao SA Knol JA See Agha FP Knol JA See Arnstein NB Knol JA See Gundry SR Knop RH See Di Chiro G

Knop RH See Di Chiro G
Knop RH See Dwyr AJ
Knop RH See Reinig JW
Knopman DS; Selnes OA; Niccum N; et al:
longitudinal study of speech fluency in aphasia:
CT correlates of recovery and persistent
nonfluency, (Radiology), 151: 825, 1984
Knowles RJR See Kearfott KJ
Knowles RJR See Kneeland JB
Know M; Chuang VP; Stewart MT: superior
mesenteric aneurysm and arteriovenous fistula:
angiographic and CT features, (AJR), 145: 383,
1985

Knust EJ See Machulla H-J Kobayashi A See Suzuki Y Kobayashi H See Hayashi M Kobayashi J See Makuuchi M Kobayashi K See Ito J

Koch CJ; Stobbe CC; Baer KA: combined radiation-protective and radiation-sensitizing agents III: radiosensitization by misonidazole as a function of concentrations of endogenous glutathione or exogenous thiols, (Int J Radiat Oncol Biol Phys), 12: 1151, 1986

12: 1151, 1986
Koch HK See Spamer C
Koch KJ; Cory DA: simultaneous renal vein thrombosis and bilateral adrenal hemorrhage: MR demonstration, (JCAT), 10: 681, 1986
Koch RD See Freitag G
Koch RL: chloral hydrate as a sedative in children during imaging procedures, (Radiology), 153: 833, 1984

Kodama T See Miura M

Kodama T; Watanabe K; Hoshi H; et al: diagnosis of diffuse hepatocellular diseases using SPECT, (J Nucl Med), 27: 616, 1986

Nucl Med), 27: 616, 1986
Kodera K See Yuasa Y
Kodera Y; Doi K; Chan H-P: absolute speeds of
screen-film systems and their absorbed-energy
constants, (Radiology), 151: 229, 1984
Kodera Y; Schmidt RA; Chan H-P; Doi K:
backscatter from metal surfaces idagnostic
radiology, (Radiology), 150: 231, 1984

Kodner IJ See Hoffman MJ Kodroff MB See Atkinson GO Jr Kodroff MB See Hall JA Jr Koehler PR See Daniels DL Koehler PR See Muller JWT

Koehler PR See Muller JWT
Koehler PR, See van Waes PFGM
Koehler PR; Daniels DL; Williams AL; et al:
technical factors in MR image quality,
(Neuroradiol), 28: 74, 1986
Koehler PR; Feldberg MAM; van Waes PFGM:
preoperative staging of rectal cancer with
computerized tomography. accuracy, efficacy,
and effect on patient management, (Radiology),
155: 284, 1985
Koehler PR; Haushten VM, Daniels DV, et al. 185

155: 284, 1985

Koehler PR; Haughton VM; Daniels DL; et al: MR measurement of normal and pathologic brainstem diameters, (AJNR), 6: 425, 1985

Koehler PR; Mancuso AA: pitfalls in the diagnosis of retroperitoneal adenopathy, (Radiology), 150: 855, 1984

855, 1984
Koehler RE See Balfe DM
Koehler RE See Han SY
Koehler RE See Kenney PJ
Koehler RE See Kenney PJ
Koehler RE See Kenney PJ
Koehler RE See Mose CN
Koehler RE See Mose CN
Koehler RE See McNeill TH
Koen H See McNeill TH
Koen H See Ohnishi K
Koenig FS See Rozenberg I
Koenig H; Lenz M; Sauter R: temporal bone region:
high-resolution MR imaging using surface coils,
(Radiology), 159: 191, 1986
Koenig H; Lucas D; Meissner R: wrist: preliminary
report on high-resolution MR imaging,
(Radiology), 150: 463, 1986
Koenig SH; Brown RD III; Adams D; et al:
magnetic field dependence of 1/T1 of protons in tissue,
(Radiology), 157: 573, 1985
Koenig SH; Spiller M; Brown RD III; et al:
magnetic field dependence (NMRD profile) of
1/T1 of rabbit kidney medulla and urine after
intravenous injection of Gd(DTPA), (Invest
Radiol), 21: 697, 1986
Koenig SH; Campbell DR; Magrina J; et al: Koehler RE See Balfe DM

Radiol), 21: 697, 1986
Koenigs KP; Campbell DR; Magrina J; et al: pulmonary lymphangitic carcinomatosis from vaginal carcinoma presenting as congestive heart failure, (Radiology), 151: 257, 1984
Koenigsberg M See Weiner SN
Koenigsberg P; focal lesions of the pancreas, (Semin Roenigsberg), 20: 3, 1985
Koerper MA See Brasch RC
Koff E; Naeser MA; Pieniadz JM; et al: computed tomographic scan hemispheric asymmetries in right- and left-handed male and female subjects, (Radiology), 160: 860, 1986
Koff SA See Shore RM
Kofler TJ See Tegtmeyer CJ

Kofler TJ See Tegtmeyer CJ Kogan FJ See Chernin MM Kogutt MS See Merritt CRB Koh YB See Intenzo CM

Koh YB See Intenzo CM
Kohan JM; Poe RH; Israel RH; et al: value of chest
ultrasonography versus decubitus
roentgenography for thoracentesis, (Radiology),
161: 574, 1986
Kohda E See Momoshima S

Kohda E See Momoshima S
Kohda E See Yamato M
Kohda E See Yuasa Y
Kohda E; Fujioka M; Ikawa H; Yokoyama J:
congenital anorectal anomaly: CT evaluation,
(Radiology), 157: 349, 1985
Kohda Y See Oshima M
Kohi YM; Johnston RA; Devkota UP: acute
obstructive hydrocephalus after subarachnoid
hemorrhage, (Radiology), 154: 277, 1985
Kohl W See Hassler D
Kohler RB See Mayock R

Kohl W See Hassler D
Kohler RB See Mayock R
Kohn MM See Schneider K
Kohn S See Lerch IA
Kohneski RJ See Lingeman JE
Kohnost WR; Schonfeld SA; Altman M: bilateral
diaphragmatic paralysis following topical
cardiac hypothermia, (Radiology), 152: 840, 1984
Kohrogi Y See Nakagawa N
Koivisto E See Friberg O
Koizumi J See Pardes JG
Koizumi K, DeNardo GL; DeNardo SI; et al:

Koizumi J See Pardes JG.
Koizumi KJ. DeNardo GL; DeNardo SJ; et al:
multicompartmental analysis of the kinetics of
radioiodinated monoclonal antibody in patients
with cancer, (J Nucl Med), 27: 1243, 1986
Kojima S See Ogi

Kokko AM-L See Vilppula AJ
Kokubo T See Itai Y
Kokubo T See Seo HS
Kolar J See Stepan J
Kolbenstvedt A See Larheim TA
Kolbenstvedt A See Levorstad K
Kolbenstvedt A See Lien HH
Kolc J See Swayne LC
Kollath J; Starck E; Vittorio P; dilation of esophageal stenosis by balloon catheter, (Radiology), 152: 846, 1984

Kollin J See Wu S-Y Kollin J See Wu S-Y
Kolmannskog F See Levorstad K
Kolmannskog F See Smevik B
Kolodny GM See Edelman RR
Koltun W See Gardiner GA Jr
Komaki R See Niroomand-Rad A
Komaroff AL See McNeil BJ
Komatz Y See Nishimura Y
Komisar A; Silver C; Kalnicki S; osteoradionecrosis
of the maxilla and skull base, (Radiology), 157:
857, 1985
Komolafe F See Jenyo MS
Komori H See Kudo M
Kompra GH See Hopper KD
Komuro C See Tsutsui K
Konaka C See Kato H
Konde F See Ebara M

Kondo F See Ebara M Kondo M See Yamashita S Kondo M; Ando Y; Inuyama Y; et al: maxillary squamous cell carcinomas staged by computed tomography, (Int J Radiat Oncol Biol Phys), 12: 111, 1986

111, 1986
Kondo M; Hashimoto S; Dokiya T; et al: local control of squamous cell carcinoma of the mobile tongue: experience of different modalities, (Int J Radiat Oncol Biol Phys), 12: 755, 1986

755, 1986
Kondo M; Hashimoto S; Inuyama Y; et al:
extramedullary plasmacytoma of the sinonasal
cavities: CT evaluation, (JCAT), 10: 841, 1986
Kondo M; Murakami Y; Saito S; et al: radiation

therapy of early glottic carcinoma, (Radiology), 150: 870, 1984

ndo T; Kuwabara M; Sato F; et al: influence of dissolved gases on chemical and biological effects of ultrasound, (Ultrasound Med Biol), 12:

Konig H-J; Krahling KH; Brandt M: x-ray and CT findings of a giant intracranial mucocele, (Neuroradiol), 28: 283, 1986

(Neuroradiol), 28: 283, 1986

Konig R; van Kaick G; Clorius JH; et al: computed tomography for staging bronchogenic carcinoma, (Radiology), 158: 565, 1986

Konish J See Hayash N

Konish Y See Yoshimura H

Konno T See Maki S

Konno T See Yumoto Y

Konno T; Maeda H; Iwai K; et al: selective targeting of anti-cancer drug and simultaneous image enhancement in solid tumors by arterially administered lipid contrast medium, (Radiology), 156: 269, 1985

Kono K See Ohnishi K

Konrad HR; Ryback LP; Ramsey DE; et al: eye tracking abnormalities in patients with cerebrovascular disease, (Radiology), 152: 556, 1984

Konrad J See Berger T

1984
Konrad J See Berger T
Konya A: unusual congenital abnormality of the renal artery: left renal artery arising from the right renal artery, (Radiology), 158: 574, 1986
Koo AH See Kaplan AW
Kool LJS: Blickman JG; van Es A; Hew JM: retroperitoneal reabsorption of extravasated urine in renal transplant patients, (Radiology), 153: 625, 1984
Koole H See Rittenberg MH

153: 625, 1984
Koolpe H. See Rittenberg MH
Koolpe HA. See Moore JH Jr
Koolpe HA. See Wang Y
Koonte WL; Shaw LA; Lavery JP: antenatal
sonographic appearance of
Beckwith-Wiedemann syndrome, (JCU), 14: 57,

1986
Koopman CF See Barrattum GE
Koops BL See Rumack CM
Koornneef L See Zonneveld FW
Kopans DB See Hall DA
Kopans DB See Horl DA
Kopans DB See Meyer JE
Kopans DB See Simeone JF
Kopans DB: breast, (Clin Diagn Ultrasound), 14: 87, 1984

Kopans DB: "early" breast cancer detection using techniques other than mammography, (AJR), 143: 465, 1984 Kopans DB: what is a useful adjunct to

Kopans DB: what is a useful adjunct to mammography? (Radiology), 161: 560, 1986 Kopans DB: Lindfors KK; McCarthy KA; Meyer JE: spring hookwire breast lesion localizer: use with rigid-compression mammographic systems, (Radiology), 157: 537, 1985 Kopans DB; Meyer JE; Lindfors KK; et al: breast

sonography to guide cyst aspiration and wire localization of occult solid lesions, (AJR), 143:

489, 1984

Kopans DB; Meyer JE; Lindfors KK: whole-breast
US imaging: four-year follow-up, (Radiology),
157: 505, 1985

Kopecky KJ See Carlile T

Kopecky KJ See Miller RC

Kopecky KJ See Whitehead J

Kopecky KK See Bies JR

Kopecky KK See Ellis HH

Kopecky KK See Ellis HH

Kopecky KK; Gilmor RL; Scott JA; et al: pitfalls of
computed tomography in diagnosis of discitis,
(Radiology), 156: 860, 1985

Kopecky KK; Moriarty AT; Antony AC; et al: extramedullary hematopoeisis in acute lymphocytic leukemia masquerading as hepatic, renal, and splenic microabscesses, (AJR), 147: 846, 1986

846, 1986

Kopen PA, McAlister WH: upper gastrointestinal and ultrasound examinations of gastric antral involvement in chronic granulomatous disease, (Radiology), 153: 274, 1984

Kopher KA See Klein JL

Kopits SE See Fishman EK

Kopiwoda S See Lieberman JM

Kopiwoda SY See Jetcher BD

Kopiwoda SY See Schultz CL

Kop W See Shour F

Kopiwoda SY See Schultz CL
Kopp W See Ebner F
Kopp W See Ebner F
Kopp W See Fotter R
Kopp W; Fotter R; Steiner H; Beaufort F;
Stammberger H: aspergillosis of the paranasal
sinuses, (Radiology), 156: 715, 1985
Koral K See Rabinovitch MA
Koral KF; Adler RS; Carey JE; et al: iodine-131
treatment of thyroid cancer: absorbed dose
calculated from post-therapy scans, (J Nucl
Med), 27: 1207, 1986
Koral K P; See Belgie Cl

Mea), 27: 1207, 1986
Korchik R See Bakris GL
Koren G; Boichis H; Rotem Y; et al: chest
radiograph in the diagnosis of atypical nephritis
due to infectious mononucleosis, (Radiology), 156: 274 1985

Koren G; Lavi S; Rose V; et al: Kawasaki disease:

156: 274, 1985
Koren G; Lavi S; Rose V; et al: Kawasaki disease: review of risk factors for coronary aneurysms, (Radiology), 160: 757, 1986
Korenaga T See Nitatori T
Kori S See Cascino TL
Kori SH See Haaga JR
Kormano M See Alanen A
Kormano M See Alanen A
Kormano M See Lauteala L
Kormos DW See Yeung HN
Korndorffer FA III See Miller JM Jr
Korngold E See Rosenbaum DM
Kornhuber B See Waag KL
Kornreich L See Grunebaum M
Kornstein MJ See Glickstein M
Korobkin M See Glickstein M
Korobkin M See Baker ME
Korobkin M See Kier R
Korobkin M See Kier R
Korobkin M See Rosen A
Korobkin M See Rosen A
Korobkin M See Rosen A
Korobkin M See Silverman PM
Korobkin M See Rosen A
Korobkin M See Silverman PM
Korogi Y; Takahashi M; Fujimura N; et al:
computed tomography demonstration of renal
dysplasia with a vaginal ectopic ureter, (CT), 10:
273, 1986
Koroshetz AM See Cohen LB

dysplasia with a vaginal ectopic ureter, (CT), 10: 273, 1986
Koroshetz AM See Lee RGL
Korsten MA See Cohen LB
Korsvik HS See Swartz JW GJr
Kortman KE See Bradley WG Jr
Kortman KE; Edwards DK; Deutsch AL; et al: heart size in newborn infants with birth asphyxia, (AJR), 143: 533, 1986
Koslen JB; Berland LL; Sekar BC: cervical
Castleman disease: CT study with angiographic correlation, (Radiology), 166: 213, 1986
Koslin DB; Berland LL; Sekar BC: cervical
Castleman disease: CT study with angiographic correlation, (Radiology), 165: 213, 1986
Koslosh AM; See Glothorn JF: early diagnosis and treatment of Hirschsprung's disease in New Mexico, (Radiology), 153: 851, 1984
Koslow M See Cohen W
Kosnik EJ See Hill SA
Kossoff G See Robinson DE
Kossoff J See Kirchner SG
Kossoo J M; Patel SK: suburothelial hemorrhage: value of preinfusion computed tomography, (JCAT), 10: 155: 383, 1985
Kostiner AI; Krook PM: outpatient lumbar myelography with metrizamide, (Radiology), 155: 383, 1985
Kosuda S; Gokan T; Tamura K; et al: radionuclide imaging of two patients with metastasis to a

Kosuda S; Gokan T; Tamura K; et al: radionuclide imaging of two patients with metastasis to a distal phalanx of the hand, (Clin Nucl Med), 11: 659, 1986

Kosuda S; Hirono Y; Yoshinaga H; et al: technetium-99m DMSA abnormal uptake by metastatic lesion of a renal cell carcinoma, (Clin Nucl Med), 11: 432, 1986

metastatic tesson of a renal cell carcinoma, (Clin Nucl Med), 11: 432, 1986
Kosuda S; Kubo A; Sanmiya T; et al: assessment of mucociliary clearance in patients with tracheobronchoplasty using radioaerosol, (J Nucl Med), 27: 1397, 1986
Kotler MN See DePace NL
Kotloff KR; Wald ER: uvulitis in children, (Radiology), 151: 262, 1984
Kottamasu SR See Burnstein MI
Kottler RE: Louw JH: mucosal pattern of the gall bladder ("areae cholecysticae"), (Radiology), 153: 846, 1984
Kotula F See Cardella JF
Kotula F See Cardella JF
Kotula F See Lund G
Kotula F See Salomonowitz E
Kotval PS; Weingarten M: renal trauma: radiological studies, (Radiology), 158: 563, 1986

Koubek TD See Curnes JT Koubek TD See Zagoria RJ Kourides IA See Barone CM Koustenis GH See Butler PF Koutcher J See Burt CT Koutcher JA See McFarland EW Koutcher JA See Okunieff PG

Kouwenberg JJ; Simons AJ; case report 383, (Skeletal Radiol), 15: 484, 1986 Kovanen J; Erkinjuntti T; Iivanainen M; et al: cerebral MR and CT imaging in Creutzfeldt-Jakob disease. (JCAT), 9; 125, 1985 Kovic M See Gadzijev

Kowada M See Itoh Y Kowal LE See Hutchins WW Kowal LE See Hutchins WW
Kowalaska T See Skolyszewski J
Kowalczyk AP See Custer PL
Kowalski JB See Gross SC
Kowalsky RJ See Curnes JT
Koyama Y See Muramatsu Y
Koyamagi S See Pandian NG
Kozak B See Rosch J
Kozak BE See Rosch J
Kozlowski JF See Edeburn GF
Kozlowski K See Bedong WE
Kozlowski K See Beighton P
Kozlowski K See Beighton WE
Kozlowski K See Beighton WE

Kozlowski K See Berdon WE Kozlowski K See Berdon WE Kozlowski K; Beluffi G; Masel J; et al: primary vertebral tumours in children. report of 20 cases with brief literature review, (Radiology), 153: 567, 1984

Kozlowski K; Colavita N; Morris L; et al: bilateral glenoid dysplasia: report of 8 cases, (Radiology), 158: 859, 1986 Kozlowski K; Masel J: spondylo-epiphysealis dysplasia tarda (report of 7 cases), (Radiology), 154: 558, 1985

Kozlowski K; Sillence D; Cortis-Jones R; et al: boomerang dysplasia, (Radiology), 157: 571,

1985
Kozlowski K; Tsuruta T; Taki N; et al: new type of achondrogenesis, (Pediatr Radiol), 16: 430, 1986
Kozuka T See Yamaguchi T
Kradin RI; Spirn PW; Mark EJ: intrapulmonary lymph nodes: clinical, radiologic, and pathologic features, (Radiology), 157: 278, 1985
Kraemer R See Fanconi S
Kraemer R See Fanconi S
Kraepelien T See Julin P
Krahling KH See Konig H-J
Krajbich I See Donoghue V
Krall JM See Pilepich MV
Krally C See Miraldi FD
Kramer DM See Go RT

Kramer DM See Go RT

Kramer DM: basic principles of magnetic resonance imaging, (Radiol Clin North Am), 22: 765, 1984

Kramer EL See Lubat E

Kramer EL See Tiu S Kramer EL; Rafii M; Fazzini E; et al: bone scan

appearance of osteogenesis imperfecta in an adult, (Clin Nucl Med), 11: 331, 1986 Kramer EL; Rumancik WM; Harkavy L; et al:

hepatobiliary scintigraphy of the compartmentalized gallbladder, (AJR), 145: 1205, 1985

1205, 1985
Kramer EL; Sanger JJ: esophageal reflux
demonstrated on a hepatobiliary scan,
(Radiology), 153: 861, 1984
Kramer EL; Sanger JJ: Kr-81m gas and 99mTc-MAA
V/Q ratio images for detection of V/Q
mismatches, (Radiology), 153: 557, 1985
Krymer EL; Sanger JJ: radionuclide scanning—new
applications in urology, (Radiology), 154: 284,
1985

Kramer G See Kretzschmar K

Kramer G See Kretzschmar K
Kramer NR; Karasick D; Karasick S: "microgallbladder"—a clue to cystic fibrosis,
(Radiology), 152: 840, 1984
Kramer PH; Djalaly A; Poehlmann H; et al:
abnormal diastolic left ventricular posterior
wall motion in left ventricular hypertrophy,
(Radiology), 152: 265, 1984
Kramer S See Lanzillo JH

Kramer S See Lanzillo JH
Kramer S, Marcial VA; Pajak TF; et al: prognostic factors for loco/regional control and metastasis and the impact on survival, (Int J Radiat Oncol Biol Phys). 12: 573, 1986
Kramer SA: current status of fetal intervention for congenital hydronephosis, (Radiology), 152: 564, 1984

Kramer SS See Jones B Kramer SS See Reeder JD Kramer SS; Wehunt WD; Stocker JT; et al:

pulmonary manifestations of juvenile laryngotracheal papillomatosis, (AJR), 144: 687, 1985

Krametz KR See Hynes DM Krasicky GA See Shetty PC Krasicky GA See Watt AC

Krasicky GA; Froelich JW; Shetty PC: abnormal pelvic venous collaterals demonstrated during a gastrointestinal bleeding study, (Clin Nucl Med), 11: 595, 1986

Krasnow N; Qazi QH; Vermakov V: familial dilated cardiomyopathy associated with cataracts and hip-spine disease, (Radiology), 155: 848, 1985

Kratz IM See Kancke KA Kratz JM See Kancke KA
Kraus R: atlas de radiologie du pied (atlas of foot radiology). 2d ed., (Radiology), 158: 132, 1986
Kraus R; Han BK; Babcock DS; et al: sonography of neck masses in children, (AJR), 146: 609, 1986
Kraus RA; Macke JC; Crawford AH; et al: popliteal vein compression by a fibular osteochrondroma case report, (Pediatr Radiol), 16: 173, 1986
Krause CJ See Wolfe GT Krause LM; Schey WL; Bassuk A; et al: intrathoracic desmoid tumor in a child, (Radiology), 156: 274, 1985
Krausz VW See Belcourt CL
Krausz T See Gibson RN
Krebber H-J Ser Thier W
Krebs CA: textbook of diagnostic ultrasonography.
2d ed., (Radiology), 151: 460, 1984
Krebs CA; Eisenberg RL; Ratcliff S; et al:
cava-suprarenal line: new position for
sonographic imaging of left adrenal gland,
(JCU), 14: 535, 1986
Krebs W See Erbel R
Kreel L See Fried AM 1985 Kreel L See Fried AM Kreider JW See Osbakken MD Kreipke DL See Becker GJ Kreipke DL See Hicks ME Kreipke DL See Jackson VP Kreipke DL; Moss JJ; Franco JM; et al: computed tomography and thin-section tomography in facial trauma, (AJNR), 5: 185, 1984 Kreisman H See Lisbona R Kremer H See Bonhof JA Kremer H; Dobrinski W; Schreiber MA; et al: Aremer H; DODTINSKI W; Schreiber MA; et al: abdominal ultrasound as a screening method, (Radiology), 156: 281, 1985 Kremer P See Hinrichs A Kremer SM; Rosenberg HK; Sherman NH; et al: rapidly expanding mass in a neonate, (JCU), 14: 569, 1986 Kremers PW, Scholz FJ; Schoetz DJ Jr; et al: radiology of the ileoanal reservoir, (AJR), 145: 559, 1985 559, 1985
Kremkau FW; physical considerations, (Clin Diagn Ultrasound), 16: 9, 1985
Kremkau FW; Taylor KJW: artifacts in ultrasound imaging, (J Ultrasound Med), 5: 227, 1986
Krensky AM; Reddish JM; Teele RL: causes of increased renal echogenicity in pediatric patients, (Radiology), 152: 554, 1984
Krepel VM See van Andel GJ
Krepel VM; van Andel GJ; van Erp WFM;
Breslau PJ: percutaneous transluminal angioplasty of the femoropopliteal artery: initial and long-term results, (Radiology), 156: 325, 1985 Kressel H See Epstein DM Kressel HY See Axel L Kressel HY See Bilaniuk LT Kressel HY See Choyke PL Kressel HY See Coscina WF Kressel HY See Levine MS Kressel HY See Mechlin M Kressel HY See Mezrich RS Kressel HY See Mitchell DG Kressel HY See Radecki PD Kressel HY See Rao VM Kressel HY See Thickman D
Kressel HY; Axel L; Glover G; et al: coronal nuclear
magnetic resonance (NMR) imaging of the
abdomen at 0.5 tesla, (Radiology), 152: 261, 1984
Kretchmar KA See Sheflin JR Kretzschmar K; Ludwig B; Kramer G; et al: bilateral lesions of the putamina, (Neuroradiol), 28: 87, 1986 Kreutner A Jr See Crocker TP Kricheff II See Firooznia H Kricheff II See Goy AMC Kricheff II See Kieffer SA Kricheff II See Pinto RS Kricheff II See Schonfeld SM Kricheff II See Whelan MA

Kricheff II See Whelan MA
Kricun ME See Dalinka MK
Kricun ME See Laffey FA
Kricun ME See Mechlin MB
Kricun ME See Mitchell DG
Kricun ME: red-yellow marrow conversion: its
effect on the location of some solitary bone
lesions, (Radiology), 157: 850, 1985
Kriedemann E See Rotte KH
Krieger JN See Mayo ME
Kriesmer P See Taylor GA
Krinsky S: thyroid ectopia in a congenital Krinsky S: thyroid ectopia in a congenital hypothyroid infant, (Clin Nucl Med), 11: 602, 1986 Krishnamurthy GT See Bobba VR
Krishnamurthy GT; Turner FE; Mangham D; et al:
ceruletide intravenous dose-response study by a
simplified scintigraphic technique, (AJR), 144:
733, 1985 733, 1985
Krishnamurthy S See Rohrmann CA Jr
Krishnamurthy S See Schuffler MD
Krishnamurthy S; Kelley MM; Rohrmann CA; et al:
jejunal diverticulosis: a heterogenous disorder
caused by a variety of abnormalities of smooth
muscle or myenteric plexus, (Radiology), 151:
818, 1984

Krishnaswami V See Lavine SI Krishnaswami V See Lavine 5J
Kristensen K See Stockel M
Krithivas G; Feldman MI; Cail DL; Bricout PB;
Reyes BL: intersitial radiotherapy of the base of
the tongue: improved non-looping afterloading
technique, (Radiology), 150: 601, 1984 Krivisky B See Bier S Kriz R See Mafee MF Kroboth FJ See Muder RR
Kroeker RM; McVeigh ER; Hardy P; et al: in vivo
measurements of NMR relaxation times,
(Radiology), 156: 862, 1985
Krohel GB See Eretto P Krohel GB; Rosenberg PN; Wright JE; et al: localized orbital neurofibromas, (Radiology), 159: 822, 1986 Krohn KA See Larson SM Krohn KA See Vera DR Krol G See Cascino TL
Kron IL See Tegtmeyer CJ
Kron TK; Johnson CM: diagnosis and management
of the opacified sphenoid sinus, (Radiology),
152: 559, 1984 Krone KD; Carroll BA: scrotal ultrasound, (Radiol Clin North Am), 23: 121, 1985 Krongrad E See Silverman JA Krook PM See Kostiner AI Krook PM: See Kostiner AI

Krook PM; Wawrukiewicz AS; Hackethorn JC:
caveats in the sonographic determination of
fetal femur length for estimation of gestational
age, (Radiology), 154: 823, 1985

Kroon HM See Ge Roos A

Kroon HM See Guit GL

Kroop SA See Alderson PO

Kroos BR See Jackels SC

Krowka MJ; Rosenow EC III; Hoagland HC:
pulmonary complications of bone marrow
transplantation, (Radiology), 156: 261, 1985

Krudy AG See Toppman JL

Krudy AG See Fink IJ

Krudy AG; Doppman JL; Jensen RT; et al:
localization of islet cell tumors by dynamic CT:
comparison with plain CT, arteriography,
sonography, and venous sampling, (AJR), 143:
585, 1984

Krudy AG; Doppman JL; Marx SJ; Notton JA; Krudy AG; Doppman JL; Marx SJ; Norton JA; Spiegel AM; Santora AC II; Aurbach GD: parathyroid aspiration directed by angiography: an alternative to venous sampling, (Radiology), 152: 207, 1984

Kruger RA See Hardin CW
Kruger RA See Liu P
Kruger RA See Simons MA
Kruger RA, Sedaghati M; Roy DG; Liu PY;
Nelson JA; Kubal W; Del Rio P: tomosynthesis
applied to digital subtraction angiography,
(Radiology), 152: 805, 1984
Kruizinga K See Hess J
Kryscio RJ See Woodring JH
Ku J See Braunstein EM
Kuhal W See Kruger RA

Kubicka RA; Smith C: how to interpret coronary arteriograms, (Radiographics), 6: 661, 1986 Kubler M: sonographic diagnosis of cystic and calcifying liver processes, (Radiology), 150: 298, 1984

Kucharczyk W See Lemme-Plaghos L
Kucharczyk W See McNamara MT
Kucharczyk W Brant-Zawadzki M: occult cerebral
vascular malformations: high-field MR imaging,
(Radiology), 161: 278, 1986
Kucharczyk W; Brant-Zawadzki M; LemmePlaghos I; Uske A; Kjos BO; Feinberg DA;
Norman D: MR technology: effect of even-echo
rephasing on calculated T2 values and T2
images, (Radiology), 157: 95: 1985
Kucharczyk W; Brant-Zawadzki M; Sobel DF;
Edwards MB; Kelly WM; Norman D;
Newton TH: central nervous system tumors in
children: detection by magnetic resonance
imaging, (Radiology), 155: 131, 1985
Kucharczyk W; Davis DO; Kelly WM; Sze G;
Norman D; Newton TH: pituitary adenomas:
high-resolution MR imaging at 1.5 T,
(Radiology), 161: 761, 1986

Kubal W See Kruger RA Kuban K See DiPietro MA

Kubek RJ See Chiles C Kubicka RA See Smith C

Kubler W See Knapp WH Kubo A See Kosuda S Kuc R See Taylor KJW

Kucharczyk W See Holland BA Kucharczyk W See Kjos BO Kucharczyk W See Lemme-Plaghos L

Kuhlman JE, Fishman EK; Leichner PK; Magid D; Order SE; Siegelman SS: skeletal metastases from hepatoma: frequency, distribution, and radiographic features, (Radiology), 160: 175, 1986

Kuhlman JE; Fishman EK; Siegelman SS: invasive pulmonary aspergillosis: characteristic findings on CT, the CT halo sign, and the role of CT in early diagnosis. (Radiology), 157: 611, 1985

Kuhlman JE; Fishman EK; Wang K-P; et al: esophageal duplication cyst: CT and transesophageal needle aspiration, (AJR), 145: 531, 1985 Krudy AG; Doppman JL; Miller DL; et al: detection of mediastinal parathyroid glands by nonselective digital arteriography, (AJR), 142: Kuhlman RE See Reinus WR 693, 1984
Krudy AG; Doppman JL; Shawker TH; et al:
hyperfunctioning cystic parathyroid glands. CT
and sonographic findings, (AJR), 142: 175, 1984
Krudy AG; Long JL; Wagrath IT; et al: gastric
manifestations of North American Burkitt's
lymphoma, (Radiology), 152: 840, 1984
Kruger RA See Anderson RE
Kruger RA See de Vries N
Kruger RA See Hardin CW
Kruger RA See II IP

Kuhn G See Brion JP Kuhn G See Yernault J-C Kuhns LR See McLeary RD Kuhns LR See Slovis TL Kuhns LR: imaging in pediatric oncology, (Radiology), 158: 236, 1986 Kuijpers D: Blickman JG; Camps JA: optimization of the paransasl sinus examination of children, (Radiology), 152: 814, 1984

(Kadiology), 152: 814, 1984 Kukora JS, Rushton FW; Cranston PE: new computed tomographic signs of aortoenteric fistula, (Radiology), 155: 848, 1985 Kulatunga A See Pamilo M Kuligowska E See Hernanz-Schulman M

Kucharczyk W; Kelly WM; Davis DO; Norman D;
Newton TH: intracranial lesions: flow-related
enhancement on MR images using time-offlight effects, (Radiology), 161: 767, 1986
Kucharczyk W; Lemme-Pleghos L; Uske A; BrantZawadzki W; Dooms GC; Norman D;
intracranial vascular malformations: MR and CT
imaging, (Radiology), 156: 383, 1985
Kucich VA; Vogelzang RL; Hartz RS; LoCicero J
III; Dalton D: ruptured thoracic aneurysm:
unusual manifestation and early diagnosis using
CT. (Radiology), 160: 87, 1986
Kudo M; Hirasa M; Takakuwa H; Ibuki Y;
Fujimi K; Miyamura M; Tomita S; Komori H;

Fujimi K; Miyamura M; Tomita S; Komori Todo A; Kitaura Y; Ikekubo K; Torizuka K: small hepatocellular carcinomas in chronic liver disease: detection with SPECT, (Radiology), 159: 697, 1986

697, 1986
Kudo S See Bechtel W
Kudo S See Hasuo K
Kudo S; Chuang VP, Wallace S; Bechtel WJ; Mir S:
middle sacral arteriography: diagnostic and
therapeutic implications, (Radiology), 151: 65,

Kudo S; Wright KC; Chuang VP; et al: experimental

Kufass T; Lindman CR: cystic duplication of the colon combined with nonrotation anomaly imitating pyloric stenosis, (Radiology), 150: 860,

1984
Kuhl DE See Engel J Jr
Kuhl DE: imaging local brain function with
emission computed tomography, (Radiology),
150: 625, 1984

evaluation of intraarterial occlusion-infusion chemotherapy, (AJR), 143: 1069, 1984 Kudryk B See Rosebrough SF

Kudva BV See Hasegawa BH Kuehn DS See Hicks ME

Kuehn DS See Jackson VP Kuentz M See Haddad E

Kuligowska E See Salzman L Kuligowska E; Mueller PR; Simeone JF; et al: ultrasound in upper abdominal trauma, (Semin Roentgenol), 19: 281, 1984

Kuligowska E; Olsen WL: pancreatic pseudocysts drained through a percutaneous transgastric approach, (Radiology), 154: 79, 1985 Kullarni MV See Partain CL

Kulkarni MV; Burks DD; Price AC; et al: diagnosis of spinal arteriovenous malformation in a pregnant patient by MR imaging, (JCAT), 9: 171, 1985

Kulkarni MV; Drolshagen LF; Kaye JJ; et al: MR imaging of hemophiliac arthropathy, (JCAT), 10: 445, 1986

Kulkarni MV; Patton JA; Price RR: technical considerations for the use of surface coils in MRI, (AJR), 147: 373, 1986

MRI, (AJR), 147; 373, 1986
Kulkarni MV; Shaff MI; Carter MM; Dudley S;
Burks DD; Partain CL; James AE: magnetic
resonance imaging of the pelvis,
(Radiographics), 5: 611, 1985
Kullendorff C-M See Ivanceb K
Kumar A See Mafee MF

Kumar A; Fishman C; Torok N: vestibular and auditory function in Usher's syndrome, (Radiology), 158: 286, 1986 Kumar AJ See Fishman EK

Kumar AJ See Rosenbloom S Kumar AJ See Zinreich SJ Kumar AJ; Hassenbusch S; Rosenbaum AE; et al: sequential computed tomographic imaging of a transplantable rabbit brain tumor, (Neuroradiol), 28: 81, 1986 Kumar AJ; Vinuela FV; Fox AJ; et al: unruptured

intracranial arteriovenous malformatic cause mass effect, (AJNR), 6: 29, 1985

Kumar B See Cunningham DA Kumar B See Lee ME

Kumar B See Miller TR

Kumar D See Chapman GS Kumar EN See Cherian MJ

Kumar K See Danher J

Kumar NG See Moran PR
Kumar PP: Good RR: interstitial 1251 implantation in the retreatment of retroperitoneal soft tissue sarcoma: report of a case, (Acta Radiol [Oncol]), 25: 37, 1986

Kumar PP; Good RR: vicryl carrier for 1-125 seeds: percutaneous transperineal insertion, (Radiology), 159: 276, 1986 Kumar R; Bedi DG; Fawcett HD; et al: indium-111

Rumar R; Bedi DG; Fawcett HD; et al: indium-III leukocyte scanning: false-negative study in a renal abscess, (Clin Nucl Med), 11: 274, 1986
Kumar R; David R; Cierney G III: clear cell chondrosarcoma, (Radiology), 154: 45, 1985
Kumar R; van der Smissen E; Jorizzo J: systemic sporotrichosis with osteomyelitis, (Radiology), 153: 561, 1984

Kumar R; Wilson DD; Santa-Cruz FR: postoperative

urological complications of renal transplantation, (Radiographics), 4: 531, 1984 Kumar SJ; Marks HG; Bowen JR; et al: hip dysplasia associated with Charcot-Marie-Tooth disease in the older child and adolescent, (Radiology), 158: 575, 1986

Kumar VP; Balasubramaniam P: role of atmospheric pressure in stabilising the shoulder, (Radiology), 159: 572, 1986 Kumaran TO See Mehta AB

Kumaran TO See Mehta AB Kumari-Subaiya S; Phillips G; Weinreb J; Lyn M-K; Pochaczewsky R; gray scale sonography in the diagnosis and differential diagnosis of left upper quadrant masses, (Radiographics), 4: 331, 1984

umasaka GH See Lee F

Kumazaki T; Hosoi S; Sugawara K; et al: bronchial and intercostal angiography with ioxaglate and diatrizoate in man. a comparative investigation, (Radiology), 154: 553, 1985 Kumpan W See Hajek P

Kumpan W See Hajek PC

Kumpan W; Lechner G; Wittich GR; et al: angiographic response of osteosarcoma following pre-operative chemotherapy, (Skeletal Radiol), 15: 96, 1986

Kumpan W; Salomonowitz E; Seidl G; et al: intravertebral vacuum phenomenon, (Skeletal Radiol), 15: 444, 1986

Kumpe DA See Rose SC

Kumpe DA; Rumack CM; Pretorius DH; Stoecker TJ; Stellin GP; partial splenic embolization in children with hypersplenism, (Radiology), 155: 357, 1985

Kun LE See Petty AM Kun LE See Stv IR

Kun LE; Toohill RJ; Holoye PY; et al: randomized study of adjuvant chemotherapy for cancer of the upper aerodigestive tract, (Int J Radiat Oncol Biol Phys), 12: 173, 1986

Kundel HL See Grossman RI Kundel HL See Mitchell MD Kundel HL See Roberts D

Kundel HL See Skalina S Kundel HL See Thickman DI

Kundel HL See Yuasa Y

Kundel HL: digital projection radiography of the chest, (Radiology), 158: 274, 1986

Kundel HL: visual perception and image display terminals, (Radiol Clin North Am), 24: 69, 1986

Kundel HL; Schlakman B; Joseph PM; et al: water content and NMR relaxation time gradients in the rabbit kidney, (Invest Radiol), 21: 12, 1986 Kune GA See Alexander IA

Kuni CC; Klingensmith WC III; Fritzberg AR: evaluation of intrahepatic cholestasis with radionuclide hepatobiliary imaging, (Radiology), 154: 284, 1985

Kuni CC; Rogge DM: radionuclide brain perfusion studies in suspected brain death, (Clin Nucl Med), 11: 551, 1986

Kunieda T See Kawata R

Kunin M: bridging septa of the perinephric space: anatomic, pathologic, and diagnostic considerations, (Radiology), 158: 361, 1986

Kunin M; Kerin D: concentric folds in the bladder: new sign of chronic outlet obstruction and neurogenic bladder, (Radiology), 157: 849, 1985

Kunishio K See Asari S Kunnen M See Comhaire F

Kunnen M; Van Egmond H; Verhaaren H; et al: cardioangiography in children with iohexol, metrizoate and ioxaglate, (Radiology), 158: 283, 1986

Kunstlinger F See Messing B

Kunz D See Haase A

Kunz D: double pulse echoes—novel approach for fat-water separation in magnetic reson-imaging, (Magn Res Med), 3: 639, 1986

Kunz D: use of frequency-modulated radiofrequency pulses in MR imaging experiments, (Magn Res Med), 3: 377, 1986 Kuo KN See Weinstein JN

Kuo LC See Rokey R

Kuo LC See Rokey R
Kuo S-H See Yang P-C
Kupfer MC See Swischuk LE
Kupferschmid C; Lang D: diagnostic significance of
two-dimensional echocardiography in newborn
and young infants with symptomatic congenital
heart defects, (Radiology), 152: 255, 1984
Kuppuswami N; Vindekilde j; Sethi CM; et al:
diagnosis and treatment of cervical pregnacy,
(Radiology), 150: 868, 1984
Kuramto K See Oshima M
Kurata Y See Hiroshima K
Kurita S See Hirano M
Kuriyama K See Hirji M
Kurjak A; Breyer B: use of ultrasound in developing

Kurjak A; Breyer B: use of ultrasound in developing countries, (Ultrasound Med Biol), 12: 611, 1986 Kurlan R; Griggs RC: cyanotic congenital heart disease with suspected stroke, (Radiology), 150:

291, 1984

Kurland RJ: strategies and tactics in NMR imaging

Kurland KJ: strategies and tactics in NMK imaging relaxation time measurements. I. minimizing relaxation time errors due to image noise—ideal case, (Radiology), 157: 573, 1985
Kurland RJ: Ngo FQH: effect of induced field inhomogeneity on transverse proton NMR relaxation in tissue water and model systems, (Magn Res Med.), 3: 425, 1986

Kuroda C See Egawa T Kuroda C See Yoshioka H

Kuroda C see Yoshioka H Kuroda C; Yoshioka H; Tokunaga K; et al: fine-needle aspiration biopsy via percutaneous transhepatic catheterization: technique and clinical results, (Gastrointest Radiol), 11: 81.

1986
Kuroiwa Y; Tohgi H; Kanayama H; et al: neuroBehcet's disease with alternating hemiparesis,
(Neuroradiol), 28: 284, 1986
Kurokawa T See Hasuo K
Kurokawa T See Masuzawa T
Kurol M; Forsberg L: ultrasonography in the
diagnosis of acute cholecystitis, (Radiology),
157: 862, 1985
Kuromoto N See Fawwaz RA
Kuronki Y; See Uchida H

Kurosaki Y See Uchida H Kurosu S See Kuwahara M-A Kursawe R See Luning M Kursh ED See Resnick MI Kursunoglu S See Jacob J Kursunoglu S See Sartoris DJ

Kursunoglu 5:ee sarroris UJ; Kursunoglu 5:ee sarroris UJ; Kursunoglu 5: Pate D; Resnick D; et al: computed arthrotomography with multiplanar reformations and three-dimensional image analysis in the evaluation of the cruciate ligaments: preliminary investigation, (J Canad Assoc Radiol), 37: 153, 1986

Assoc Kadioll, 37: 133, 1986
Kursunoglu S; Pate D; Resnick D; Haghighi P;
Tyson R; Pitt M: bone reinforcement lines
chronic adult osteopenia: hypothesis,
(Radiology), 158: 409, 1986
Kursunoglu SJ See Post MJD
Kurtycz DF See Rietz DR

Kurtz AB See Belfar HL Kurtz AB See Benson DM Kurtz AB See Cole-Beuglet CM Kurtz AB See Hertzberg BS

Kurtz AB See Lewis E Kurtz AB See Mintz MC Kurtz AB See Najarian KE Kurtz AB See Needleman L Kurtz AB See Pasto ME Kurtz AB See Rifkin MD

Kurtz AB See Warner MA
Kurtz AB, Filly RA; Wapner RJ; et al: in utero
analysis of heterozygous achondroplasia:
variable time of onset as detected by femur
length measurements, (J Ultrasound Med), 5:
137, 1986

Kurtz AB; Kurtz RJ; Rifkin MD; et al: total uterine volume: a new graph and its clinical applications. (Radiology), 154: 860, 1985
Kurtz AB; Shaw WM; Kurtz RJ; et al: inaccuracy of

total uterine volume measurements: sources of error and a proposed solution, (Radiology), 154: 860 1985

860, 1985
Kurtz AB; Wapner RJ: ultrasonic diagnosis of
second-trimester skeletal dysplasias: a
prospective analysis in a high-risk population,
(Radiology), 150: 869, 1984
Kurtz D See Garra BS
Kurtz D; Helfgott R; Hill SC; et al: use of a
microcomputer to store information on

microcomputer to store information on radiology cases, (Radiology), **156**: 565, 1985

Kurtz DW See Fink II

Kurtz JW See rink IJ Kurtz JM; Spitalier J-M; Amalric R: late breast recurrence after lumpectomy and irradiation, (Radiology), 154: 573, 1985 Kurtz RJ See Kurtz AB

Kuschner S See Gross C

Kushmerick MJ: spectroscopic applications of magnetic resonance to biomedical problem: (Cardiovasc Intervent Radiol), 8: 382, 1986

Kushner DC See Cleveland Ril Kushner DC See Herman TE Rushner DC See Herman TE Kushner DC; Chin JK; Cleveland RH; et al: neonatal aortolilac compression caused by a distended bladder, (AJR), 146: 1273, 1986 Kushner DC; Cleveland RH; Herman TE; Zaleske DJ; Ehrlich MG; Correia JA: radiation

dose reduction in the evaluation of scoliosis: application of digital radiography, (Radiology), 161: 175, 1986

161: 175, 1986
shner DC; Yoder IC; Cleveland RH; Herman TE;
Goodsitt MM: radiation dose reduction during
hysterosalpingography; application of
scanning-beam digital radiography,
(Radiology), 161: 31, 1986
shner MJ; Luken MG III; posterior fossa epidural
hamatoma a report of these cases diseased

hematoma. a report of three cases diagnosed with computed tomography, (Radiology), 151: 266, 1984

Kustermann A See Ferrazzi E Kusumoto S See Nakayama S Kutcher R See Rosenblatt R

Kutcher R; Greenebaum E; Rosenblatt R; et al: prostatic carcinoma metastasis to the kidney; diagnosis by thin needle aspiration biopsy, (Urol Radiol), 8: 98, 1986 Kuten A; Ben-Aryeh H; Berdicevsky I; et al: oral side effects of head and neck irradiation:

correlation between clinical manifestations and laboratory data, (Int J Radiat Oncol Biol Phys), 12: 401, 1986

Kutler M See Weinreb JC Kutluk MT See Diren HB

Kuuliala I See Ketonen L Kuuliala I; Katevuo K: direct coronal CT: an aid to the diagnosis of sellar lesions, (Radiology), 155: 278, 1985

Kuwabara M See Kondo T Kuwahara M-ek. Kambe K; Kurosu S; et al: extracorporeal stone disintegration using chemical explosive pellets as an energy source of underwater shock waves, (Radiology), 160: 857, 1986

Kuyama H See Symon L Kuzmanic D See Plavsic B Kuzuhara S; Naito Y; Namura Y; et al: CT

demonstration of calcification within old cerebral infarcts, (JCAT), 9: 268, 1985

cerebral infarcts, (ICAL) Kvale P See Pearlberg JL Kvinesdal B See Carlsen O Kvols LK See Grantham JG Kvols LK See Kirschling RJ Kwa W See Wong F

Kwaa M See Wong F Kwaan HC See Davis G Kwan ESK; Drace J; Enzmann DR: specific CT findings in Krabbe disease. (AJNR), 5: 453, 1984 Kwan ESK; Hall A; Enzmann DR: quantitative analysis of intracranial circulation using rapid-sequence DSA, (AJNR), 7: 295, 1986

Kwan ESK; Hall A; Enzmann DR: quantitative analysis of intracranial circulation using rapid-sequence DSA, (AJR), 146: 1239, 1986

Kyle RA See Schreiman JS Kyle RW See Manier SM Kyriakos M See Edelstein G Kyriakos M See Reinus WR

Kyriakos M See Sotelo-Avila C Kyriakos M; Land VJ; Penning HL; et al: metastatic chondroblastoma: report of a fatal case with a review of the literature on atypical, aggressive, and malignant chondroblastoma, (Radiology), 157: 570, 1985

Kyser PL; McComb BL; Bennett WF: CT evidence of calcification within a small cell carcinoma of the lung, (Comput Radiol), 10: 107, 1986

## I.

Laakman RW; Kaufman B; Han JS; Nelson AD; Clampitt M; O'Block AM; Haaga JR; Alfidi RJ: MR imaging in patients with metallic implants, (Radiology), 157: 711, 1985 Laakso L See Pera A

Laakso L See Pera A

Laasonen EM; Jokio P; Lindholm TS: tibial torsion
measured by computed tomography,
(Radiology), 156: 281, 1985

Laasonen EM; Lindholm A: double contrast
arthrography of the knee: comparison between
three contrast media, (Radiology), 151: 820, 1984

sonen EM; Troupp H: volume growth rate of acoustic neurinomas, (Neuroradiol), 28: 203.

onen LS See Leskinen RH Laasonen LS See Beet PM
Labbadie M See Bret PM
Labbe A; Dechelotte P; Meyer M; et al: Tangier
disease. (Radiology), 159: 823, 1986
Labbe JL See Adam P
Laberge I See Mueller B
LaBerge JM See Filiatrault D
LaBerge JM See Kerlan RK Jr

LaBerge JM See Webb WR

LaBerge JM; Brant-Zawadzki M: evaluation of Pott's disease with computed tomography, (Radiology), 156: 567, 1985

LaBerge JM; Callen PW: sonographic detection of drainage catheter debris, (J Ultrasound Med), 4: 629, 1985

629, 1985
LaBerge JM, Kerlan RK Jr; Pogany AC; Ring EJ:
esophageal rupture: complication of balloon
dilatation, (Radiology), 157: 56, 1985
LaBerge JM; Laing FC; Federle MP; Jeffrey RB Jr;
Lim RC Jr: hepatocellular carcinoma:
assessment of resectability by computed
tomography and ultrasound, (Radiology), 152:
485, 1984
Labib KB See McCauley RGK
Labib KB See McCauley RGK

Labrune M; Guedj G; Vial M; et al: antenatal diagnosis of Caffey disease, (Radiology), 150: 860, 1984

Labs LM See Evans SM Lacaine F See Bonnel D Lachenbruch PA See Myers MG

Lachmann SM See Byose in G Lachmann SM See Boone D Lacomis D; Osbakken MD; Gross G; spin-lattice relaxation (T<sub>1</sub>) times of cerebral white matter in multiple sclerosis, (Magn Res Med), 3: 194, 1986

Laconi A See De Maria M LaCorte MA See Boxer RA

Lacourreye H; Brasnu DF; Beuter P: carcinoma of the laryngeal margin, (Radiology), 151: 554,

Lacy J; Bober-Sorcinelli KE; Farber LR; et al: acute thrombocytopenia induced by parenteral radiographic contrast medium, (AJR), 146: 1298, 1986

Ladd W See Edelman RR Ladeb MF See Mathieu D

Ladicoute KR; Eryavec E; McClelland RA; et al: production of strand breaks in DNA in the presence of the hydroxylamine of SR-2508 (1-[N-(2-hydroxyethyl)acetamido]2-nitroimidazole) at neutral pH, (Int J Radiat Oncol Biol Phys), 12: 1215, 1986

Ladouceur J See Baines CJ Ladouceur J See Baines CJ Lafferty CM; Sartoris DJ; Tyson R; et al: acetabular alterations in untreated congenital dysplasia of the hip: computed tomography with multiplanar re-formation and three-dimensional analysis, (JCAT), 10: 84, 1986

Laffey KJ See Getrajdman GI

Laffey KJ See Martin EC Laffey KJ; Martin EC: percutaneous removal of large gallstones, (Gastrointest Radiol), 11: 165, 1986

Laffey KJ; Thomashow B; Jaretzki A III; et al: systemic supply to a pulmonary arterioven malformation: relative contraindication to surgery, (AJR), 145: 720, 1985

Laffey PA See Keller MS
Laffey PA, See Teplick JG
Laffey PA; Kricun ME: sonographic recognition of postoperative meningocele, (AJNR), 5: 329, 1984

Laffey PA; Teplick SK; Haskin PH: hemobilia use of false-negative ductal dilatation, (JCU), 14: 636, 1986 Lafitte JJ See Remy J

Lattite JJ See Kemy J
Lafleur MVM; Pluijmackers-Westmijze EJ;
Loman H: effect of radiation-induced reduction
of nitroimidazoles on biologically active DNA,
(Int J Radiat Oncol Biol Phys), 12: 1211, 1986
LaFollette PS Jr See Ziskin MC

LaFontaine RL See Graham LS

LaFontaine RL; Stein MA; Graham LS; Winter J: cold lesions: enhanced contrast using asymmetric photopeak windows, (Radiology), 160: 255, 1986

Lafortune M See Patriquin H
Lafortune M See Valla D
Lafortune M; Breton G; Charlebois S: arterioportal
fistula demonstrated by pulsed Doppler
ultrasonography, (J Ultrasound Med), 5: 105,
1986

Lafortune M; Constantin A; Breton G; et al: recanalized umbilical vein in portal hypertension: myth, (AJR), 144: 549, 1985

Lafortune M; Constantin A; Breton G; et al: sonography of the hypertrophied column of Bertin, (AJR), 146: 53, 1986

Lafortune M; Gariepy G; Dumont A; et al: V-shaped artifact of the gallbladder wall, (AJR), 147: 505, 1986

Lafortune M; Marleau D; Breton G; Viallet A; Lavoie P; Huet P-M: portal venous system measurements in portal hypertension, (Radiology), 151: 27, 1984

Lagier R: case report 354, (Skeletal Radiol), 15: 179,

Lagier R; Mbakop A; Bigler A: osteopoikilosis: a radiological and pathological study, (Radiology), 154: 557, 1985 Lagouros P See Mafee MF

Lahde S See Pamilo M

Lahtinen R; Lahtinen T; Hyodynmaa S: increased bone marrow blood flow in polycythemia vera, (Radiology), 151: 278, 1984

Lahtinen T See Lahtinen R Lai K-S See Bradley WG Jr

Lai S See Keller MS Laing FC See Filly RA Laing FC See Goldstein RB

Laing FC See Hashimoto BE Laing FC See Hightower DR

Laing FC See Jeffrey RB Jr Laing FC See LaBerge JM Laing FC See Mahony BS

Laing FC See Nyberg DA Laing FC See Rego JD Jr Laing FC See Stephenson WM

Laing FC See Townsend RR Laing FC See Vernacchia FS

Laing FC See Vernacchia FS
Laing FC See Wing VW
Laing FC; Burke VD; Wing VW; Jeffrey RB Jr;
Hashimoto B: postpartum evaluation of fetal
hydronephrosis: optimal timing for follow-up
sonography, (Radiology), 152: 423, 1984
Laing FC; Jeffrey RB Jr; Minagi H: ultrasound
localization of occult breast lesions, (Radiology),
151: 795, 1984

151: 795, 1984
Laing FC; Jeffrey RB Jr; Wing VW: improved visualization of choledocholithiasis by sonography, (AJR), 143: 949, 1984
Laing FC; Jeffrey RB Jr; Wing VW: ultrasound versus excretory urography in evaluating acute flank pain, (Radiology), 154: 613, 1985
Laing FC; Jeffrey RB Jr; Wing VW: US in the evaluation of acute flank pain: reply, (Radiology), 157: 554, 1985
Laing FC; Jeffrey RB Jr; Wing VW: Nyberg DA:

(Radiology), 157: 554, 1985 Laing FC; Jeffrey RB Jr; Wing VW; Nyberg DA: billary dilatation: defining the level and caus by real-time US, (Radiology), 160: 39, 1986 Laing FC; Ryan T; Hadley K; Jeffrey RB Jr; Wing VW; plastic wrap for US transducer sterility or sanitization, (Radiology), 160: 846, 1064.

Laing FC; Stamler CE; Jeffrey RB Jr: ultrasonography of the fetal subarachnoid space, (Radiology), 150: 300, 1984 Laird JD See Anderson JR

Laird JD See Anderson JR Laird JD, Ferguson WR; McIlrath EM; et al: radionuclide angiography as the primary investigation in chemodectoma: concise communication, (Radiology), 152: 269, 1984

Lake R See Cohen MB

Lake R See Cohen MB
Lakhani ZM; McGarry KM; Taylor RF; et al: twodimensional echocardiographic detection of left
pulmonary artery aneurysm following Potts'
anastomosis, (Radiology), 152: 862, 1984
Lakshminarayanan AV See Chakraborty DP
Lakshmipathi N See Prakash R
Lala SM See Moosa MR

Lalatta F See Bertagnoi L Lallemand D See Le Bihan D Lallemand D See Musset D

Lallemand D See Musset D
Lallemand D; Gooding CA; Wesbey GE; et al:
magnetic resonance imaging of aorta and
pulmonary circulation. initial experience with
ECG-gating, (Radiology), 158: 256, 1986
Lallemand D; Wesbey GE; Gooding CA; et al:
cardiosynchronous MRI intensity changes of the
great vessels and pulmonary circulation.
preliminary report, (Radiology), 158: 286, 1986
Lallemand DP See Brasch RC
Lallemand DP; Brasch RC; Char DH; Norman D:
orbital tumors in children. characterization by
computed tomography, (Radiology), 151: 85,
1984

Lalli AF; Williams B; Maynard E: iohexal in urography, (Radiology), 150: 856, 1984 Lallone R See Taylor A Jr

Lalude AO; Conroy RM: vascular complication of percutaneously placed pigtail ureteral stent, (Radiology), 151: 547, 1984

Lam AH See Peretz GS
Lam AH; Berry A; deSilva M; et al: intracranial serratia infection in preterm newborn infants, (A)NR), 5: 447, 1984

Lam KH: extralaryngeal spread of cancer of the larynx: a study with whole-organ sections, (Radiology), 151: 553, 1984

Lam KN See Stone HB Lam KS See Lam WC

Lam S See Raghavendra BN Lam WC; Lam KS: beam data requirements of the Clinac 4 for three-dimensional treatment planning with wedged fields, (Radiology), 153: 863, 1984

Lamarque JL; Almes C; Rouanet JP; et al: ideal imaging in MR: contrast-enhancing pharmaceuticals. evaluation of tempo carboxilic acid as nitroxide diagnostic agent, (Eur J Radiol), 6, 18, 1964 6: 48, 1986

Lamarque JL; Rodiere MJ; Prat X; et al: breast pathology in MRI: first results, (Eur J Radiol), 6: 42, 1986

Lamarre I. See Nicolet V LaMasters D See Chakeres DW

Lamb GHR See Morewood DJW

Lamb GHR See Morewood DJW

Lambert GD; Liversage WE; Hirst AM; et al: exit
dose studies in megavoltage photon therapy,
(Radiology), 151: 839, 1984

(Radiology), 151: 839, 1984

Lambert R See Lo WWM

Lambert R See Begin R

Lambie RW; Hodgden D; Herman EM; et al:
sonomammographic manifestations of
mammographically detectable breast
microcalcifications, (Radiology), 152: 867, 1984

Lambrianides AL; Askew AR; Lefevre I: Thorotrast
associated mucoepidermoid carcinoma of the
liver, (Br J Radiol), 59: 791, 1986

liver, (Br J Radiol), 59: 791, 1986
Lamego CMB See de Oliveira A
Lameris JS See Eggermont AM
Lameris CBHW See Hopman WPM
Lamki L; Spence JD; Macdonald AC; et al:
differential glomerular filtration rate in
diagnosis of renovascular hypertension and
follow-up of balloon angioplasty, (Clin Nucl
Med), 11: 188, 1986

Lamki N See Athey PA Lamki N See Raval B

Lamki N See Raval B

Lamki N; Raval B: computed tomographic diagnosis
of hepatic metastases in fatty infiltration,
(Radiology), 150: 295, 1984

Lammer J See Pilger E

Lammer J See Steiner H

Lammer J; Herlinger H; Zalaudek G; et al:
pseudotumorous pancreatitis, (Radiology), 156:
856, 1985

Lammer J; Kann U; Steiner H: sonographic image of cholesterolosis of the gall bladder, (Radiology), 153: 572, 1984

135: 3/Z, 1984
mmer J; Neumayer K: biliary drainage
endoprostheses: experience with 201
placements, (Radiology), 159: 625, 1986
mmer J; Pilger E; Justich E; Neumayer K;
Schreyer H: fibrinolysis in chronic
arteriosclerotic occlusions: intrathrombotic

arteriosclerotic occlusions: intrathrombotic injections of streptokinase. work in progress, (Radiology), 157: 45, 1985

Lammer J; Pilger E; Neumayer K; Schreyer H: intraarterial fibrinolysis: long-term results, (Radiology), 161: 159, 1986

Lammer J; Stoffler G; Petek WW, et al: in vitro long-term perfusion of different materials for biliary endoprostheses, (Invest Radiol), 21: 329, 1986.

Lammertsma AA See Spinks TJ Lamon I-L See Dahlin H

Lamont I-L See Dahlin H
Lamont AC; Cremin BJ: effect of temperature on
ultrasonic images in infant cadavers, (Br J
Radiol), 59: 271, 1986
Lamont AC; Cremin BJ; Pelteret RM: radiological
patterns of pulmonary tuberculosis in the
paediatric age group, (Pediatr Radiol), 16: 2,
1986

Lamont AC; Rode H: retrograde jejuno-duodeno-gastric intussusception, (Radiology), 158: 575, 1986

gastric Intersections of the ground of the g

Land EJ See Moore JV Land VJ See Kyriakos M Landau EH See Lebensart PD Landay MJ II See Stenoien R

Landberg T See Dahlin H
Lande I See Glazer GM
Lande IM; Glazer GM; Sarnaik S; Aisen AM;
Rucknagel D; Martel W; sickle-cell
nephropathy: MR imaging, (Radiology), 158:
379, 1986

Lande IM; Hamilton EF: antenatal sonographic visualization of cloacal dysgenesis, (J Ultrasound Med), 5: 275, 1986

Lander PH See Dorne HL Lander PH See Zlatkin MB

Lander PH; Hadjipavlou AG: Paget disease with contraction of long bones, (Radiology), 159: 471, 1986 Landini L See Picano E

Landini L Sea Picano E Landini L, Sarnelli R, Picano E; et al: evaluation of frequency dependence of backscatter coefficient in normal and atherosclerotic aortic walls, (Ultrasound Med Biol), 12: 397, 1986

Landman J See Samuel N

Landman JA; Braun IF: spontaneous closure of a dural arteriovenous fistula associated with acute hearing loss, (AJNR), 6: 448, 1985 Landman JA; Hoffman JC Jr; Braun IF; et al: value of computed tomographic myelography in the recognition of cervical herniated disk, (AJNR), 5: 391, 1984

Landmeier B See Miraldi FD Landry AJ See Bauman JM Landt KW See Tanner JM

Landtman M; Kivisaari L; Bondestam S; et al: diagnostic value of ultrasound, computed tomography, and angiography in ruptured aortic aneurysms, (Radiology), 156: 854, 1985 Lane EJ See Raasch BN

Lane JM See Healy JH Lane RG See Kelsey CA Laney TJ See Kaplan PA Lang D See Kupferschmid C Lang EK See Glorioso LW III

Lang EK: angio-computed tomography and dynamic computed tomography in staging of renal cell carcinoma, (Radiology), 151: 149, 1984

Lang EK: antegrade ureteral stenting for dehiscence, strictures, and fistulae, (AJR), 143: 795, 1984

Lang EK: comparison of dynamic and conventional computed tomography, angiography, and ultrasonography in the staging of renal cell carcinoma, (Radiology), 156: 267, 1985
 Lang EK: imaging examinations in the management of renal trauma, (Semin US CT MR), 6: 100, 1985

Lang EK: renal trauma: radiological studies: reply, (Radiology), 158: 564, 1986

(nationgly), 158: 394, 196; Lang EK; streptokinase therapy: complications of intra-arterial use, (Radiology), 154: 75, 1985 Lang EK; Glorioso LW III: multiple percutaneous access routes to multiple calculi, calculi in caliceal diverticula, and staghorn calculi, (Radiology), 158: 211, 1986

Lang EK; Springer RM; Glorioso LW III; Cammarata CA: abdominal abscess drainage under radiologic guidance: causes of failure, (Radiology), **159**: 329, 1986 **Lang EK; Sullivan J; Frentz G**: renal trauma:

radiological studies: comparison of urography, computed tomography, angiography, and radionuclide studies, (Radiology), 154: 1, 1985

Lang G See Matin P Lang NP See Williamson MR

Lang W See Freyschmidt J
Lange IR; Manning FA: fetal biophysical
assessment: an ultrasound approach, (Semin US
CT MR), 5: 269, 1984

Lange PH See Coleman CC Lange PH See Hunter DW Lange PH See Mercado S Lange PH See Reddy PK

Lange PH See Salomonowitz E Lange PH See Young AT Lange PH, Reddy PK; Hulbert JC; et al: percutaneous removal of caliceal and other "inaccessible" stones: instruments and techniques, (Radiology), 156: 271, 1985

Lange RC See Fink SM Langer RC. See Pink SM Langenskiold A; Videman T; Nevalainen T; fate of fat transplants in operations for partial closure of the growth plate; clinical examples and an experimental study. (Radiology), 160: 858, 1986 Langer BG See Mafee MF

Langer LO See Dabbagh S Langer LO See Peters ME

Langer R; Kaufmann HJ: case report 363, (Skeletal Radiol), 15: 377, 1986

Langer R; Kaufmann HJ: primary (isolated) bilateral pulmonary hypoplasia: a comparative study of radiologic findings and autopsy results, (Pediatr Radiol), 16: 175, 1986

Langille RA See Holness RO Langlands AO See Doherty MA Langlois SL See Hakenberg OW

Langlois YE See Roederer GO
Langston JW; Gavant ML: "incomplete ring" sign:
simple method for CT detection of
spondylolysis, (ICAT), 9; 728, 1985
Laniado M See Claussen CD

Laniado M See Felix R

Laniatio M See Felix K
Lanir A; Aphai E; Simon JS; et al: MR imaging in
myelofibrosis, (JCAT), 10: 634, 1986
Lanir A; Hadar H; Cohen I; Tal Y; Benmair J;
Schreiber R; Clouse ME: Gaucher disease:
assessment with MR imaging, (Radiology), 161:
239, 1986

Lankin DH See Greenblatt AM Lanksch W See Ludwig B

Lanksch W See Ludwig B
Lannin DR; Silverman JF; Pories WJ; et al: costeffectiveness of fine needle biopsy of the breast,
(Radiology), 161: 574, 1986

Lansman AK See Swartz JD

Lantos G See Baker SR

Lantz B See Kinn A-C

Lantz B. Einhorn N: intestinal damage and malabsorption after treatment for cervical carcinoma, (Radiology), 155: 558, 1985

Lantz BMT See Walter JP Lanzer P See Higgins CB Lanzer P See Stark DD

Lanzer P See Stark DD
Lanzer P, Barta C; Botvinick EH;
Wiesendanger HUD; Modin G; Higgins CB:
ECG-synchronized cardiac MR imaging; method
and evaluation, (Radiology), 155: 681, 1985
Lanzer P; Botvinick EH; Schiller NB; Crooks LE;

Lanzer CF See Sacher M

Lanzier CF See Sacher M

Lanzier CF See Sacher M

Lanzieri CF See Sacher M
Lanzieri CF See Som PM
Lanzieri CF; Hilal SK: computed tomography of the sacral plexus and sciatic nerve in the greater sciatic foramen, (AJNR), 5: 315, 1984
Lanzieri CF; Sacher M; Solodnik P; et al: CT myelography of spontaneous spinal epidural hematoma, (JCAT), 9: 393, 1985
Lanzieri CF; Sacher M; Solodnik P; et al: differentiation of large suprasellar masses by evaluation of the superior margin, (CT), 10: 215, 1986

Lanzieri CF; Sacher M; Som PM; et al: arteriovenous fistula after hair transplantation, (AJNR), 6: 111, 1985 Lanzieri CF; Sacher M; Som PM: CT changes in the

septum pellucidum associated with intraventricular craniopharyngiomas, (JCAT), 9:

Lanzieri CF; Sacher M; Som PM: digital angiography of pulsatile masses in the neck, (AJNR), 6: 415, 1985

Lanzieri CF; Solodnik P; Sacher M; et al: computed

tomography of solitary spinal osteochondromas, (JCAT), 9: 1042, 1985

(JCAT), 9: 1042, 1985
Lanzieri CF; Som PM; Sacher M; Solodnik P;
Moore F: postcraniectomy site: CT appearance,
(Radiology), 159: 165, 1986
Lanzillo JH; Moylan DJ; Mohiuddin M; Kramer S:
radiotherapy of stage I and II Hodgkin disease
with inguinal presentation, (Radiology), 154:
213, 1985 Laor E; Schiffman Z; Reid RE; et al: on

percutaneous drainage of retroperitoneal collections: when is primary surgical drainage preferable? (Radiology), 158: 282, 1986 Laouiti M See Reizine D

Lapin SA See Colletti PM Lapin SA See Einstein DM Lapin SA See Ralls PW Laplanche A See Rougier P Lapointe JS See Dalley RW

Lapointe JS See Graeb DA; Nugent RA; et al: value of intravenous contrast enhancement in the CT evaluation of intraspinal tumors, (AJNR), 6: 939,

La Pointe S See Wasserman NF La prointe 5 See Wasserman N Lappas JC See Conces DJ Jr Lappas JC See Maglinte DDT Lappas JC See Rex DK Lapray J-F See Bret PM Larde D See Mathieu D

Lareau DSe: minnediate barium enema following colorectal biopsy, (Radiology), 156: 845, 1985 Laredo J-D; Bard M: thoracic spine: percutaneous trephine biopsy, (Radiology), 160: 485, 1986 Laredo J-D; Bard M; Chretien J; et al: lumbar posterior marginal intra-osseous cartilaginous node, (Skeletal Radiol), 15: 201, 1986

node, (Sketetat Radiot), 15-201, 1996 Laredo J-D; Reizine D; Bard M; Merland J-J: vertebral hemangiomas: radiologic evaluat (Radiology), 161: 183, 1986 Largadrer F See Maass D Largent JA See Gilboa N Larheim TA; Kolbenstvedt A: high resolution

computed tomography of the osseous temporomandibular joint, (Radiology), 157: 573,

Larkin BT; Berquist TH; Utz DC: evaluation of the nance imaging, (Magn

prostate by magnetic res-Res Imag), 4: 53, 1986 Larkworthy W See Sieck JO Larsen C See Rasmussen F Larsen CF See Lindequist S

Larsen CR See Reagan K
Larsen CR See Reagan K
Larsen IW See Sivit CJ
Larsen RA, Jacobson JA; Morris AH; et al: acute
respiratory failure caused by primary
pulmonary coccidioidomycosis. two case report
and a review of the literature, (Radiology), 157:
778 1985 278, 1985

arsen RD See Lutz WR Larsen RD See Lutz WK Larsen TA, Dunn HG, Jan JE; et al: dystonia and calcification of the basal ganglia, (Radiology), 158: 860, 1986 Larson EB See Shuman WP

Larson EB See Shuman WP
Larson EB: ignorance is not bliss: knowledge,
information, and the diagnostic technology
problem, (A]R). 145: 1124, 1985
Larson MS ee Hendrickson F
Larson St. See Larson TC III
Larson SM; Carrasquillo JA: nuclear oncology 1984,
(Semin Nucl Med), 14: 268, 1984

Larson SM; Carrasquillo JA; McGuffin RW; Krohn KA; Ferens JM; Hill LD; Beaumier PL; Reynolds JC; Hellstrom KE; Hellstrom I: use o I-131 labeled, murine Fab against a high molecular weight antigen of human melanoma preliminary experience, (Radiology), 155: 487, 1985

Larson SM; Di Chiro G: comparative anatomofunctional imaging of two neuroreceptors and glucose metabolism: a PET study performed in the living baboon, (JCAT), 9: 676, 1985

Larson TC III; Larson SL; Harle TS: computer-assisted scheduling of radiology resident call, (Invest Radiol), 21: 424, 1986

Larson TC III; Shuman LS; Libshitz HI; et al: complications of colonic interposition, (Radiology), 158: 567, 1986

Larsson EM See Gyorffy-Wagner Z

Larsson E-M; Albrechtsson U; Christenson JT:
computed tomography versus aortography for
preoperative evaluation of abdominal aortic
aneurysm, (Radiology), 154: 559, 1985

Larsson E-M; Cronqvist S; Sundbarg G; et al: postoperative CT findings in acoustic neurinomas operated upon by a translabyrinthine approach, (Neuroradiol), 28: 199, 1986

Larsson L-E See Lindahl J Larsson S See Dernevik L Larsson SA See Jacobsson H Larsson SG See Lufkin RB

Larsson SG See Lufkin RB
Larsson SG: hemiatrophy of the tongue and floor of
the mouth demonstrated by computed
tomography, (JCAT), 9: 914, 1985
Larsson SG; Benson L; Westermark P: computed
tomography of the tongue in primary
amyloidosis, (JCAT), 10: 836, 1986
LaRusso NF See MacCarty RL

LaRusso NF See May GR Lasher JC See Starling MR

Lasher JC; Be Staring Mi.
Lasher JC; Blumhardt R; Lancaster JL: digital computer: the role of functional imaging in radiology, (Radiology), 153: 69, 1984
Lasjaunias P See Manelfe C

Lasjaunias P; Berenstein A; Moret J: significance of dural supply of central nervous system lesions, (Radiology), 151: 268, 1984

(Radiology), 151: 268, 1984
Lasjaunias P; TerBrugge KG; Chiu MC: coaxial
balloon-catheter device for treatment of
neonates and infants, (Radiology), 159: 269, 1986
Lasjaunias P; Vallee B; Person H; et al: lateral spinal
artery of the upper cervical spinal cord:
anatomy, normal variations, and angiographic
aspects, (Radiology), 160: 861, 1986 Lass IH See Greiner IV

Lassegue A See Didier D

Lassegue A See Didier D
Lassen MN: dedicated CT technique for scanning
neonates, (Radiology), 161: 363, 1986
Lassen NA: cerebral blood flow tomography with
xenon-133, (Semin Nucl Med), 15: 347, 1985
Lassrich MA See Holthusen W
Lassvik C See Zbornikova V
Laster DW See Curnes JT

Laster DW See Spinos E

Laster DW, Penry JK; Moody DM; et al: chronic seizure disorders: contribution of MR imaging when CT is normal, (AJNR), 6: 177, 1985 Latack JT See Gebarski SS

Latack JT See Graham MD Latack JT See Knake JE Latack JT See Williams DM

Latack JT See Yang PJ
Latack JT; Abou-Khalil BW; Siegel GJ;
Sackellares JC; Gabrielsen TO; Aisen AM:
patients with partial seizures: evaluation by MR,
CT, and PET imaging, (Radiology), 159: 159,

Latack JT; Gabrielsen TO; Knake JE; et al: computed tomography of spinal cord necrosis from multiple sclerosis, (AJNR), 5: 485, 1984

Latack JT; Gabrielsen TO; Knake JE; et al: hyperthermia after metrizamide myelography, (AJNR), 5: 649, 1984

Latack JT; Graham MD; Kemink JL; et al: giant cholesterol cysts of the petrous apex: radiologic features, (AJNR), 6: 409, 1985

Latack JT; Kartush JM; Kemink JL; Graham MD; Knake JE: epidermoidomas of the cerebellopontine angle and temporal bone: CT and MR aspects, (Radiology), 157: 361, 1985 Latchaw RE See Horton JA

Latchaw RE See Katirji MM Latchaw RE See Kieffer SA

Latchaw RE See Rothfus WE Latchaw RE See Yonas H

Latchaw RE: computed tomography of the spine and spinal cord. modern neuroradiology. vol. 1, (Radiology), 150: 484, 1984

(Radiology), 150: 484, 1984
Latchaw RF; Hirsch WL I; Horton JA; et al: iohexol
vs. metrizamide: study of efficacy and morbidity
in cervical myelography, (AJNR), 6: 931, 1985
Latchaw RE; Lunsford LD; Kennedy WH:
reformatted imaging to define the
intercommissural line for CT-guided stereotaxic
functional neurosurgery, (AJNR), 6: 429, 1985

Latchaw RE; Sackett JF; Turski PA; et al: iohexol for cervical myelography via C1-C2 puncture: study of efficacy and adverse reactions, (AJNR), 6: 927, Latham PA See Petrozza IA

Lattuada A See Severini A Lau C See Worthen NJ Lau L See Beynon J Laufer I See Caroline DF Laufer I See Fox ER Laufer I See Glick SN Laufer I See Levine MS Laufer I See O'Riordan D

Laufer I See Rubesin SE Laufer I See White RM Laufer I See Yuhasz M Laufer J See Sirota L Lauffer RB See Greif WL

Lauffer RB; Brady TJ; Brown RD III; et al: 1/T<sub>1</sub> NMRD profiles of solutions of Mn<sup>2+</sup> and Gd<sup>3+</sup> protein-chelate conjugates, (Magn Res Med), 3:

Lauffer RB; Greif WL; Stark DD; et al: iron-EHPG as an hepatobiliary MR contrast agent: initial imaging and biodistribution studies, (JCAT), 9: 431, 1985

431, 1985
Laughlin JS: physics of radiology. 4th ed.,
(Radiology), 152: 194, 1984
Lauidsen KN; de Carvalho A; Andersen AH: degree
of vertebral wedging of the dorso-lumbar spine,
(Radiology), 154: 555, 1985

Laungani GB See Glanz S Laura A See Agnoli AL Laurian C See George B Laurin S See Mortensson W

Laurin S; Williams JL; Fitzsimmons JR: magnetic

Laurin 5; Williams JL; Fitzsimmons JR: magnetic resonance imaging of the pediatric thorax: initial experience, (Eur J Radiol), 6: 36, 1986 Lauteala L; Kormano M; Violante MR: response of white blood cells to iodipamide ethyl ester particles, (Invest Radiol), 21: 562, 1986 Lauterbur PC See Braid MHM Lauterbur PC See Dias MHM Lauterbur PC See Heidelbever F

Lauterbur PC See Heidelberger E Lauterbur PC See Rinck PA Lautin EM See Quinn MJ Lauwerijns J See Marchal GJF Lavain J See Tress BM

Laval-Jeantet AM; Cann CE; Roger B; et al: postprocessing dual energy technique for vertebral CT densitometry, (JCAT), 8: 1164, 1984

Laval-Jeantet AM; Roger B; Bouysse S; Bergot C; Mazess RB: influence of vertebral fat content on quantitative CT density, (Radiology), 159: 463, 1986

Laval-Jeantet M See Le Bihan D Lavan J See Lawler GA Lavelle M See Garn SM Lavender JP See Barter SJ Lavender JP See Saverymuttu SH Lavender JP: Al-Nahhas AM; Myers MJ: ventilation perfusion ratios of the normal supine lung using emission tomography, (Radiology), 153: 574, 1984 Lavery JP See Koontz WL

Lavi S See Koren G Lavi S See Roifman CM Lavieille J See Debaene A Laville M See Maillet PJ Lavin JP See Bruno AN

Lavin JP See Bruno AN
Lavin JPM, McCrary JA III; Roessmann U; et al:
chiasmal apoplexy: hemorrhage from a cryptic
vascular maliormation in the optic chiasm,
(Radiology), 155: 278, 1985
Lavine 5J; Shreiner DP; Krishnaswami V; et al:

ine 3); suremer DP; Krishnaswami V; et al: simplified count-based estimates of left ventricular volume, (Clin Nucl Med), 11: 168, 1986

Lavoie P See Lafortune M

Law J: doses to head and arms of radiologists during fluoroscopy, (Radiology), 157: 568, 1985 Law MP; Ahier RG; Somaia S: thermal

enhancement of radiation damage in previously irradiated skin, (Radiology), 156: 863, 1985

Law MR See Bellamy E.

Law RG; MacRae KD: head circumference as an index of fetal age, (Radiology), 150: 300, 1984

Lawdahl RB; Moss CN; Van Dyke JA: inferior lumbar (Petit's) hernia, (AJR), 147: 744, 1986

Lawler GA See Doyle TC

Lawler GA; Doyle TCA; Lavan J: use of computed tomography in the percutaneous drainage of abdominal abscesses, (Radiology), 155: 275, 1985 Lawler W See Griffin JF

Lawless M; Francis IC; Kappagoda MB; et al: computerised tomography of keratoconus (Australas Radiol), 30: 10, 1986 Lawrence PF See Dries DJ Laws ER Jr See Ormson MJ

Laws ER Jr See Petersen RC Laws ER Jr See Wold LE

Lawson DW See Neff CC

Lawson JH See Segal I

Lawson JD; Ochsner JL: median arcuate ligament syndrome with severe two-vessel involvement, (Radiology), 153: 271, 1984

Lawson JP See Keats TE

Lawson JP See Taylor CR

Lawson JP: symptomatic radiographic variants in extremities, (Radiology), 157: 625, 1985

Lawson JP; Ablow RC; Pearson HA: calvarial and phalangeal vascular impressions in thalassemia, (AJR), 143: 641, 1984

(AJR), 143: 641, 1984
Lawson JP, Liu Y-m: pinemoth caterpillar disease, (Skeletal Radiol), 15: 422, 1986
Lawson JP; Steere AC: lyme arthritis: radiologic findings, (Radiology), 154: 37, 1985
Lawson TL See Alpern MB
Lawson TL See Cates JD
Lawson TL See Cates JD
Lawson TL See Lodds WJ
Lawson TL See Folly WD
Lawson TL See Folly WD
Lawson TL See Goodman LR

Lawson TL See Goodman LR Lawson TL See Thorsen MK

Lawson It See I horsen MK; Chintapalli K; Smith DF; Alpern M; Arevalos E; Perlman S; Reif L; Kneeland JB: magnetic resonance imaging of discrete and conglomerate retroperitioneal lymph node masses, (Radiographics), 5: 971, 1985

Lawson W See Som PM Lawton WE Jr See AbuRahma AF Lax E See Bloom RA Lax E See Milgrom C

Lax E See Milgrom C
Laxer RM; Cameron BJ; Chaisson D; et al:
camptodactyly-arthropathy-pericarditis
syndrome: case report and literature review,
(Radiology), 161: 575, 1986
Lazar RB; Ho SU; Melen O; et al: multifocal central
nervous system damage caused by toluene
abuse, (Radiology), 152: 557, 1984
Lazarus CR See Nisbet AP

Lazo A See Kelly JK Lazo A See Metes JJ Leadbetter GW Jr See Campbell RJ Leahy KA See Horbar JD Leake DR See Jackson JA Leake N See Burkhalter IL Leal G See Hawkins IF Jr Leanza R See Yonas H Leape LL See Lefebvre MP

Lear JL: effect of exercise position during stress testing on cardiac and pulmonary thallium kinetics and accuracy in evaluating coronary artery disease, (J Nucl Med), 27: 788, 1986

Lear JL: supine thallium 201 cardiac testing compared with treadmill testing, (Radiology), 156: 835, 1985

Lear JL; Ring EA; Macoviak JA; Baum S: percutaneous transhepatic electrohydraulic lithotripsy, (Radiology), **150**: 589, 1984 **Leatherman J** See **Detrano R** 

Leavens ME See Glass JP Leavitt DD; Peacock LM; Gibbs FA Jr; et al:

electron arc therapy: physical measurement a treatment planning techniques, (Radiology), 157: 576, 1985

Le Bas JF; Leviel JL; Decorps M; et al: NMR relaxation times from serial stereotactic biopsies in human brain tumors, (JCAT), 8: 1048, 1984

LeBel E See Schmitt D Lebensart PD See Ravinovici R

Lebensart PD See Ravinovici R
Lebensart PD; Bloom RA; Meretyk S; Landau EH;
Shiloni E; cral cholecystosonography: a method
for facilitating the diagnosis of cholesterol
gallstones, (Radiology), 153: 255, 1984
Le Bihan D; Breton E; Lallemand D; Grenier P;
Cabanis E; Laval-Jeantet M: MR imaging of
intravoxel incoherent motions: application to
diffusion and perfusion in neurologic disorders,
(Radiology), 161: 401, 1986
LeBlanc AD See Glaze S

(Maulongy, 161-401, 1760 LeBlanc AD; Evans HJ; Marsh C; et al: precision of dual photon absorptiometry measurements, (J Nucl Med), 27: 1362, 1986

LeBlanc HI See McDowell IR

Leblanc FJ See McDowell JK LeBlanc JG; Culham JAG; Chan K-W; et al: treatment of grafts and major vessel thrombosis with low-dose streptokinase in children, (Radiology), 161: 864, 1986

Leblanc R See Cosgrove GR Leblond R See Grignon A LeBolt S See Henry DA Leborgne JM See Sheldon JJ Lebovic J See Schwimer SR

Lebovics E; Schaffner F; Klion FW; et al: autoimmune chronic active hepatitis in post menopausal women, (Radiology), 158: 566, 1986

Lebowitz RL See Blickman JG Lebowitz RL See Burbige KA Lebowitz RL See Hoffer FA Lebowitz RL See Reda EF Lebowitz RL See Riedy MJ Lebowitz RL See Taylor GA

Lebowitz RL See Vargas B Lebowitz RL See Wyly JB Lebowitz RL: coexistence of obstruction and reflux in children, (Radiology), 157: 853, 1985 in children, (Kadiology), 157; 853, 1985 Lebowitz RL detection of vesicoureteral reflux in the child, (Invest Radiol), 21: 519, 1986 Lebruchec J-F See Venot A Leccia F See Brendel AJ Lechan RM See Jackson IMD

Lechner G See Kumpan W Lechner G See Waneck R

Lechner G See Waneck R Lecklitner ML: hepatobiliary scintigraphy: causes of prolonged retention in hepatic parenchyma, (Semin Nucl Med), 14: 262, 1984
Lecklitner ML: hepatobiliary scintigraphy: causes of prolonged retention in hepatic parenchyma, (Semin Nucl Med), 14: 343, 1984

Lecklitner ML: pitfalls of gastrointestinal bleeding studies with 9mTc sulfur-colloid, (Semin Nucl Med), 16: 155, 1986

Lecklitner ML; Austin AR; Benedetto AR; et al: positive predictive value of cholescintigraphy in common bile duct obstruction, (J Nucl Med), 27: 1403, 1986

Lecklitner ML; Brady MB: scintigraphic evaluation of cerebrospinal fluid diversionary shunt: complications of the proximal limb, (Semin Nucl Med), 15: 395, 1985

Lecklitner Mi.: Brady MB: scintigraphic evaluation of cerebrospinal fluid diversionary shunt: complications of the peritoneal limb, (Semin Nucl Med), 15: 399, 1985

Nucl Med), 15: 399, 1985

Lecklitner ML; Growcock G: hepatobiliary
scintigraphy: nonvisualization of activity in the
area of the gallbladder associated with intestinal
activity, (Semin Nucl Med), 14: 264, 1984

Lecklitner ML; Growcock G: hepatobiliary
scintigraphy: nonvisualization of activity in the
area of the gallbladder associated with intestinal
activity, (Semin Nucl Med), 14: 345, 1984

Lecklitner ML; Hughes JJ: pitfalls of gastrointestinal bleeding studies with 99mTc-labeled RBCs, (Semin Nucl Med), 16: 151, 1986

Lecklitner ML; Potter JL; Growcock G: computed tomography in acquired absence of thoracic pedicle, (JCAT), 9: 395, 1985

pedicle, (JCAT), 9: 395, 1985 Lecklither ML; Rosen F, Brady MB: scintigraphic evaluation of cerebrospinal fluid diversionary shunt: complications of the atrial limb, (Semin Nucl Med), 15: 397, 1985 Lecky JW See Segel MC Lecky JW See Yamato M Leclerc V See Vamato M

Lecomte R See Schmitt D Lecours AR See Vanier M Lecumberri F See Franquet T

Lecumberri F See Franquet T
Lederman HM: body imaging in pediatrics,
(Radiology), 156: 372, 1985
Lederman HM; Kaufman RA: congenital absence
and hypoplasia of pedicles in the thoracic spine,
(Skeletal Radiol), 15: 219, 1986
Ledesma-Medina J See Dominguez R
Ledesma-Medina J; Dominguez R; Bowen A;
Young LW; Bron KM: pediatric liver
transplantation. part I, standardization of
properative diagnostic imaging, (Radiology),
157: 335, 1985
Ledingham J See Thompson PJ
Ledor K See Ferris EJ
Le Duc A See Merran S

Ledor A See Perris E)
Le Duc A See Merran S
Lee AS See VanSonnenberg E
Lee AW; Ram MD; Shih W-J; et al: technetium-99m
BIDA biliary scintigraphy in the evaluation of
the jaundiced patient, () Nucl Med), 27: 1407,
1986

Lee BCP See Albert A Lee BCP See Bursztyn EM Lee BCP See Voorhies TM

Lee BCF See Zimmerman RD

Lee BCP See Zimmerman RD

Lee BCP; Deck MDF: sellar and juxtasellar lesion detection with MR. (Radiology), 157: 143, 1985

Lee BCP; Deck MDF; Kneeland JB; et al: MR imaging of the craniocervical junction, (AJNR), 6: 209, 1985

Lee BCP; Herzberg L; Zimmerman RD; et al: MR imaging of cerebral vascular malformations, (AJNR), 6: 863, 1985

Lee BCP; Kneeland JB; Cahill PT; et al: MR recognition of supratentorial tumors, (AJNR), 6: 871, 1985

Lee BCP; Kneeland JB; Deck MDF; Cahill PT: posterior fossa lesions: magnetic resonance imaging, (Radiology), 153: 137, 1984 Lee BCP; Kneeland JB; Walker RW; et al: MR imaging of brainstem tumors, (AJNR), 6: 159, 1985

Lee BCP; Lipper E; Nass R; et al: MRI of the central nervous system in neonates and young children, (AJNR), 7: 605, 1986

BCP; Voorhies TM; Ehrlich ME; et al: digital intravenous cerebral angiography in neonates, (AJNR), 5: 281, 1984

Lee BCP; Zimmerman RD; Manning JJ; et al: MR imaging of syringomyelia and hydromyelia, (AJNR), 6: 221, 1985

Lee C See Goldstein SJ

C; Rogers LF; Woodring JH; et al: fractures of the craniovertebral junction associated with other fractures of the spine: overlooked entity?, (AJNR), 5: 775, 1984

(A)NN), 5: //5, 1984 C; Woodring JH; Rogers LF; et al: radiographic distinction of degenerative slippage (spondylolisthesis and retrolisthesis) from traumatic slippage of the cervical spine, (Skeletal Radiol), 15: 439, 1986

Lee CH See Zeman RK
Lee CKK See Song CW
Lee CM See Sheflin JR
Lee CP See Feldon SE

Lee DJ See Forman JD Lee DL See Shortsleeve MJ Lee EL See Smith HJ

Lee F See Lee F Jr

Lee F See Lee F Jr
Lee F See Lee SB
Lee F See Tang RA
Lee F; Gray JM; McLeary RD; Lee F Jr;
McHugh TA; Solomon MH; Kumasaka GH;
Straub WH; Borlaza GS; Murphy GP: prostatic
evaluation by transrectal sonography: criteria
for diagnossis of early carcinoma, (Radiology),
158: 91, 1986

158: 91, 1986

Lee F Jr; See Lee F

Lee F Jr; Lee F; Solomon MH; et al: sonographic demonstration of prostatic abscess, (J

Ultrasound Med), 5: 101, 1986

Lee FA See Senac MO Jr

Lee GS; Sandler MP; Patton JA; et al: serial thyroid iodine content in hyperthyroid patients treated with radioiodine, (Clin Nucl Med), 11: 115, 1986

Lee HH See Agha FP Lee HM See Engelstad BL Lee JB See Park JH Lee JD See Kim SY Lee JKT See Balfe DM Lee JKT See DiSantis DI Lee JKT See Dixon WT Lee IKT See Glazer HS

Lee JKT See Heiken JF Lee JKT See Katz ME Lee JKT See Ling D

Lee JKT See Ling D Lee JKT See McClennan BL Lee JKT See Martin KW Lee JKT See Murphy WA Lee JKT See Press GA Lee JKT See Smathers RL Lee JKT See Smathers RL

Lee JKT See Smathers RL
Lee JKT See Totty WG
Lee JKT See Unger EC
Lee JKT See Weinstein JB
Lee JKT See Worthington JL
Lee JKT, Dixon WT; Ling D; Levitt RG;
Murphy WA: fatty infiltration of the liver:
demonstration by proton spectroscopic imaging,
preliminary observations, (Radiology), 153: 195,
1984

Lee JKT; Gersell DJ; Balfe DM; Worthington JL; Picus D; Gapp G: uterus: in vitro MR-anatomic correlation of normal and abnormal specimens, (Radiology), 157: 175, 1985

(Radiology), 157: 175, 1985

Lee JKT; Glazer HS: psoas muscle disorders: MR imaging, (Radiology), 160: 683, 1986

Lee JKT; Heiken JP; Dixon WT: detection of hepatic metastases by proton spectroscopic imaging: work in progress, (Radiology), 156: 429, 1985

Lee JKT; Heiken JP; Ling D; Glazer HS; Balfe DM; Levitt RG; Dixon WT; Murphy WA: magnetic resonance imaging of abdominal and pelvic lymphadenopathy, (Radiology), 153: 181, 1984

Lee JKT; Ling D; Heiken JP; et al: magnetic resonance imaging of abdominal aortic aneurysms, (AJR), 143: 1197, 1984

Lee JKT; Rholl KS: MRI of the bladder and prostate, (AJR), 147: 732, 1986

Lee JN See Bobman SA

Lee IN See Riederer SI Lee JN; Riederer SJ: modified saturation-recovery

Lee JN; Riederer SJ; modified saturation-recovery approximation for multiple spin-echo pulse sequences. (Magn Res Med). 3: 132, 1986
 Lee JN; Riederer SJ; optimum acquisition times of two spin echoes for MR image synthesis. (Magn Res Med). 3: 634, 1986
 Lee JN; Riederer SJ; Bobman SA; et al: instrumentation for rapid MR image synthesis, (Magn Res Med). 3: 33, 1986
 Lee JS; Umsawasdi T; Lee Y-Y; et al: neurotoxicity in long-term survivors of small cell lung cancer, (Int J Radiat Oncol Biol Phys), 12: 313, 1986
 Lee KE See Ozden 1A.

Lee KF See Ogden JA
Lee KF See Yeakley JW
Lee KR See Mebust WK
Lee KR See Templeton AW
Lee KR; Cox GG; Price HI; Johnson JA; Neff JR:
intraarterial digital subtraction arteriographic
evaluation of extremity tumors; comparison
with conventional subtraction of (Pstidleny) with conventional arteriography, (Radiology),

Wift Conventional arteriography, (kadiology 158: 255, 1986
Lee KR; Sanders W: manual injection syringe for inflation of high pressure balloon catheters, (Radiology), 153: 824, 1984

Lee KR; Tines SC; Price HI; et al: computed tomographic findings of popliteal cysts, (Radiology), 153: 279, 1984 Lee LH See Moinuddin SM

Lee LL; McGahan JP: dissolution of cholesterol gallstones: comparison of solvents, (Gastrointest Radiol), 11: 169, 1986

Radiol), 11: 169, 1986
Lee MA See Fink IJ
Lee ME See Alderson PO
Lee ME See Wahl RL
Lee ME; Biello DR; Kumar B; Siegel BA: "lowprobability" ventilation-perfusion scintigrams:
clinical outcomes in 99 patients, (Radiology),
156: 497, 1985
Lee MS See Harcke HT

Lee MS See Harcke H1 Lee MS See Hendrickson Lee P-K See Lok AS-F Lee RGL See Clouse ME Lee RGL See Grassi CJ Lee RGL See Holman BL

Lee RGL See Lee SM Lee RGL See Lee SM
Lee RGL; Gregg JA; Koroshetz AM; Hill TC;
Clouse ME: sphincter of Oddi stenosis:
diagnosis using hepatobiliary scintigraphy and
endoscopic manometry, (Radiology), 156: 793,

Lee RGL; Hill TC; Lokich JJ; Bothe A Jr; Moore C; Clouse ME: use of technetium-99m macroaggregated albumin to evaluate the position and condition of totally implanted venous and arterial access devices, (Radiology), 150: 593, 1984

Lee RH See Ray GR Lee S See Majid OA

Lee S See Majid UA
Lee S: hemangioendothelial sarcoma of the sacrum:
CT findings, (Comput Radiol), 10: 51, 1986
Lee S: hepatic oil embolism following
lymphangiography, (J Ultrasound Med), 4: 357,
1985

Lee SB; Lee F; Solomon MH; et al: seminal vesicle abscess: diagnosis by transrectal ultrasound, (JCU), 14: 546, 1986

Lee S-HH See Gross SC Lee SM; Lee RGL; Clouse ME; et al: demonstration of hematobilia using technetium-99m labeled red blood cells, (Clin Nucl Med), 11: 52, 1986 Lee SW; Hilal SK; Cho ZH: multinuclear magnetic

Lee TS/ 13 is 13 St, C no LH: multinuclear magnetic resonance imaging technique—simultaneous proton and sodium imaging, (Magn Res Imag), 4: 343, 1986

Lee TA III; Siddiqui AR: urinary bladder herniation into the scrotum seen on bone imaging, (Clin Nucl Med), 11: 435, 1986

Lee TG See Harnsberger HR
Lee TG See Mukuno DH
Lee VW; O'Brien MJ; Devereux DF; et al:
hepatocellular carcinoma: uptake of <sup>99m</sup>Tc-IDA
in primary tumor and metastasis, (AJR), 143: 57,
1984

1984
Lee VW; O'Brien MJ; Morris PM; et al: specific diagnosis of hepatocellular carcinoma by scintigraphy. multiple radiotracer approach, (Radiology), 158: 288, 1986
Lee VW; Peng TT; O'Brien MJ; et al: Budd-Chiari

syndrome complicating hepatocellular carcinoma: demonstration by multiple radiotracer scintigraphy, (Clin Nucl Med), 11:

Lee VW; Skinner M; Cohen AS; et al: renal amyloidosis: evaluation by gallium imaging, (Clin Nucl Med), 11: 642, 1986

Lee WJ See Pochaczevsky R Lee WJ See Schiff RG

Lee WJ; Greenbaum R; Susi R; Khashu B; Smith AD: percutaneous antegrade urethral catheterization of the traumatized urethra,

catheterization of the traumatized urethra, (Radiology), 151: 250, 1984.

Lee WJ, Loh G; Smith AD; et al: percutaneous extraction of renal stones: experience in 100 patients, (AJR), 144: 457, 1985.

Lee WJ; Rich M: universal stent introducer: simplified approach to antegrade ureteral stent insertion, (AJR), 147: 830, 1986.

Lee WJ; Smith AD; Cubelli V; et al: percutaneous nephrolithotomy: analysis of 500 consecutive cases, (Urol Radiol), 8: 61, 1986.

Lee WM See Loevinger EH

Lee YS See Spencer RP

Lee YW See Celoriary A

Lee Y-Y See Coeffray A

Lee Y-Y See Geoffray A

Lee Y-Y See Goepfert H Lee Y-Y See Lee JS

Lee Y-Y See Van Tassel P Lee Y-Y; Bruner JM; Van Tassel P; et al: primary

Lee Y-Y, Bruner JM; Van Tassel P; et al: primary central nervous system lymphoma: CT and pathologic correlation, (AJR), 147: 747, 1986
Lee Y-Y; Castillo M; Nauert C; et al: computed tomography of gliosarcoma, (AJNR), 6: 527, 1985
Lee Y-Y; Glass JP; Geoffray A; et al: cranial computed tomographic abnormalities in leptomeningeal metastasis, (AJNR), 5: 559, 1984
Lee Y-Y; Glass JP; van Eys J; Wallace S: medulloblastoma in infants and children: computed tomographic follow-up after treatment, (Radiology), 154: 677, 1985

Lee Y-Y; Glass JP; Wallace S: myelography in cancer patients: modified technique, (AJNR), 6: 617.

Lee Y-Y; Moser R; Bruner JM; et al: organized intracerebral hematoma with acute hemorrhage: CT patterns and pathologic correlations, (A)NR), 7: 409, 1986

Lee Y-Y, Wallace S, Dimery I; et al: intraarterial chemotherapy of head and neck tumors, (AJNR), 7: 343, 1986
Leeba JM; Boas RN: simultaneous intussusception

and sigmoid volvulus in a child, (Pediatr Radiol), 16: 248, 1986 Lee-Chahal D See Bly SHP

Leeds NE See Biy SHI\*
Leeds NE, Elkin CM; Zimmerman RD: gliomas of the brain, (Semin Roentgenol), 19: 27, 1984

Leeds NE; Zimmerman RD; Elkin CM; et al: neurosarcoidosis of the brain and menin (Semin Roentgenol), 20: 387, 1985

Leehey P; Naseem M; Every P; et al: vertebral hemangioma with compression myelopathy: metrizamide CT demonstration, (JCAT), 9: 985, 1985

Leekam RN See Marrocco FS

Leekam RN See Marrocco FS

Leekam RN; Bayley TA; Shankar L; et al: portal venous tumor casts causing defect on hepatic imaging, (Clin Nucl Med), 11: 519, 1986

Leekam RN; Matzinger MA; Brunelle M; et al: sonography of renal columnar hypertrophy. (Radiology), 152: 564, 1984

Leekam RN; Matzinger MA; Haber G: sonographic demonstration of a patent umbilical vein in portal vein tumor thrombosis, (Radiology), 155: 557, 1985

Leekam RN; Matzinger MA; Keresteci AG: sonography of milk of calcium in a calyceal diverticulum: a case report, (Radiology), 153: 859, 1984

Leekam RN; Matzinger MA; Mustard RA; et al: enlarged iliopsoas bursa simulating neoplasm on sonographic examination, (J Ultrasound Med), 4: 493, 1985

Leekam RN; Salsberg BB; Bogoch E; et al: sonographic diagnosis of partial Achilles tendon rupture and healing, (J Ultrasound Med), 5: 115,

Leeman S See Aufrichtig D Leemans J See Claes HP Leeper RD See Kim JH Lees RS See Dinsmore RE

Lees WR See Hall-Craggs MA Lees WR See Rashleigh-Belcher HJC

Leeson MC; Smith A; Carter JR; et al: eosinophilic

Leeson MC; Smith A; Carter JR; et al: eosinophilic granuloma of bone in the growing epiphysis, (Radiology), 157: 570, 1985 Leeson MD See Kenney P] Leeson MD; Cacayorin ED; Iliya AR; Hodge CJ; Culebras A; Collins GH; Kieffer SA: atheromatous extracranial carotid arteries: CT evaluation correlated with arteriography and pathologic examination, (Radiology), 156: 397, 1985

Leestma J See Naidich TP Lefebvre MP, Leape LL; Pohl DA; et al: total colonic aganglionosis initially diagnosed in an adolescent, (Radiology), 156: 858, 1985 Lefebvre R See Chalaoui J

Lefevre I See Lambrianides AL Lefkovitz Z See Gerard PS Lefleur RS See Balthazar EJ Lefleur RS See Subramanyam BR Le Gal J See Chagnon SF Legendre T See Cinotti L Leger C See Cadotte R

Legge D See O'Halpin D Legge D See Stack J

Legge M; Sauerbrei EE; Macdonald A: intracranial tuberous sclerosis in infancy, (Radiology), 153: 667, 1984

Lehman GA See Hawes RH Lehman GA See Rex DK

Lehman RH See Duncavage JA Lehman RM See Johnson JF Lehman Z See Wojtowicz J

Lehner K; Reiser M; Biehl T: normal findings and pathological changes of the ligamentum patellae on CT, (Radiology), 158: 570, 1986

Lehr JL See Ishida M Lehr JL; Capek P: histogram equalization of CT images, (Radiology), 154: 163, 1985

Lehtinen E: policy statement of the World Health Organisation, (Ultrasound Med Biol), 12: 718,

Lehto V-P See Palva T Leib ES See Atherton LD Leibel S See Bauer M Leibman AJ; Gold BM: gastric manifestations of autoimmune deficiency syndrome-related Kaposi's sarcoma on computed tomography, (CT), 10: 85, 1986 Leiboff RH See Stowers SA Leibovic SJ; Caldicott WJH: gastrointestinal fluoroscopy: patient dose and methods for its reduction, (Radiology), 152: 250, 1984

Leichman LP See Haynes JW Leichner PK See Kuhlman JE Leichner PK See Order SE Leichner PK See Yang N-C Leichter I See Shukla SS Leigh RJ See Ruff RL Leimert IT See Corder MP Leimgruber PP; Klopenstein HS; Wann LS; et al: hemodynamic derangement associated with right ventricular diastolic collapse in cardiac tamponade: an experimental echocardiographic study, (Radiology), 151: 832, 1984 Leimgruber PP, Roubin GS; Hollman J; et al: restenosis after successful coronary angioplasty in patients with single-vessel disease, (Radiology), 161: 286, 1986

Leinster SJ; Whitehouse GH: mammographic breast pattern and oral contraception, (Br J Radiol), 59: 237, 1986

Leiter BE See Beers GJ Leith JT See Arundel CM Leithiser RE Jr See Macpherson RI

Leithiser RE Jr. Capitanio MA; Macpherson RI; et al: "communicating" bronchopulmonary foregut malformations, (AJR), 146: 227, 1986 Leitman BS See Naidich DP

Leitman BS; Balthazar EJ; Garay SM; et al: Hermansky-Pudlak syndrome: radiographic features, (J Canad Assoc Radiol), 37: 42, 1986

Leitman BS; Firooznia H; McCauley DI; et al: use of computed tomography in evaluating chest wall pathology, (Radiology), 152: 560, 1984 Leksell L: stereotactic radiosurgery, (Radiology), 152: 260, 1984

Leland J See Brandt TD

Lelcuk 5; Ratan J; Klausner JM; et al: endoscopic decompression of acute colonic obstruction: avoiding staged surgery, (Radiology), 160: 856, 1986

Lele PP: local hyperthermia by ultrasound for cancer therapy, (Clin Diagn Ultrasound), 16: 135, 1985
LeLiever WC; Bailey BJ; Griffiths C: carcinoma of the nasal septum, (Radiology), 156: 568, 1985

Lemaitre L See Claudon M Lemaitre L See Jardin M Lemaitre L See Remy J

Lemaitre L: iopamidol for intravenous urography, a comparative study in infants and children, (Radiology), 152: 845, 1984 Lemak NA See Fields WS

LeMay M: CT changes in dementing diseases: review, (AJNR), 7: 841, 1986 LeMay M: radiologic changes of the aging brain and skull. (AJNR), 5: 269, 1984

sauli, (AJINK), 5: 209, 1984 LeMay M; Stafford JI; Sandor T; et al; statistical assessment of perceptual CT scan ratings in patients with Alzheimer type dementia, (JCAT), 10: 802, 1986

Le Minor J-M: accessory muscles of the lower part of the calf, (Radiology), 156: 250, 1985

Lemmens JAM; Malefijt JdW: radiographic evaluation of the modified Bristow procedure for recurrent anterior dislocation of the shoulder, (Radiology), 155: 549, 1985

Lemme-Plaghos L; Kucharczyk W; Brant-Zawadzki M; et al: MR imaging of angiographically occult vascular malformations, (AJNR), 7: 217, 1986

Lemme-Plaghos L; Kucharczyk W; Brant-Zawadzki M; et al: MRI of angiographically occult vascular malformations. (AJR), 146: 1223, 1986 Lemme-Plaghos L See Kucharczyk W

Lemmon MJ See Zeman EM Lemons J See Cohen MD

Lemons J See Slabaugh RD Lempert TE See Anderson-Berg WT Lempp FL See Windler EET

Lenihan J: Descartes versus Hippocrates—a conflict resolved? the Silvanus Thompson Memorial Lecture, April 1984, (Radiology), 155: 864, 1985 Lenke RR See Montana MA

Lenke RR; Cyr DR; Mack LA; et al: fetal hydrops secondary to a paratracheal hemangiomatous malformation, (J Ultrasound Med), 5: 223, 1986

Lenko HL See Poynonen L Lennard ES See Rifkin MD Lennard ES See Schoenecker SA

Lenner V See Gunther RW
Lennox DW See Magid D
Lentini EA See Wolf GL
Lentie BC: See Schmidt RP
Lentle BC; Penney H; Ensslen R; generalized
increase in uptake of gallium-67 in bone, (Semin
Nucl Med), 14: 143, 1984
Lentle BC; Russell AS: uptake of Tc-99m MDP in
muscle anticipating clinical evidence of a
carcinomatous myopathy, (Radiology), 158: 570,
1986
Lenz M See Koenig H

Lenz M See Koenig H Lenz RP; McDonald GA: otitic hydrocephalus, (Radiology), 156: 862, 1985

Lenz RP; McDonald GA: otitic hydrocephalus,
(Radiology), 156: 862, 1985
Lenz S: ultrasonically guided aspiration of human
oocytes, (Radiology), 157: 287, 1985
Leo FP See Siegelman SS
Leo FP See Siegelman SS
Leo FP See Zerhouni EA
Leo JS See Hirsch G
Leon SH See Schuffler MD
Leonard CM See Gatenby RA
Leonard CO See Stokes DC
Leonard JC See Fleming JC
Leonard JC See Fleming JC
Leonard JC See Fleming JC
Leonard JC See Fuller C
Leonard JC See Nguyen DL
Leonard JC See Talley MA
Leonard MS; Gorlin RJ: nature of the mandibular
lesion in Melnick-Needles syndrome,
(Radiology), 150: 844, 1984
Leone CR JT; Lloyd WC UIJ Rylander G: surgical
repair of medial wall fractures, (Radiology), 153:
571, 1984
Leonett JDL See Shuman WF

Leonetti DL See Shuman WP

Leonetti DL See Shuman WP
Leonetti DL See Shuman WP
Leong LLIY See Chau EMT
Leonidas JC See Schwartz AM
Leonidas JC: bone scintigraphy in neonatal
osteomyelitis, (Radiology), 154: 835, 1985
Leonidas JC: treatment of intrussusception with
small bowel obstruction: application of decision
analysis, (AJR), 148: 665, 1985
Leonidas JC; McCauley RGK; Klauber GC; et al:
sonography as a substitute for excretory
urography in children with urinary tract
infection, (AJR), 144: 815, 1985
Leonid SA See Rosenberg SJ
Leopold GR See Casola G
Leopold GR See Casola G
Leopold GR See Casola G
Leopold GR See Hilton SvW
Leopold GR: acute abdomen: ultrasonography,
(Radiographics), S: 273, 1985
Leopold GR; Alfid it RJ; Genant HK; Janower ML;
McClennan BL; Rice RP: film interpretation
session: (Radiology), 157: 1, 1985
Leopold GR; Alfid it RJ; Genant HK; Janower ML;
McClennan BL; Rice RP: film interpretation
session: Radiological Society of North America
seventy-first scientific assembly and annual
meeting. November 1985 summary of discussion
and diagnoses, (Radiology), 157: 823, 1985
Leaped RS See Mendez G Jr
Lepawsky M See Szasz IJ
Lepe V See Barriga P
Lepke RA; Pagani JJ; computed tomography of a
thrombosed left inferior vena cava, (Radiology),
150: 296, 1984
Leppard BJ See Hall VL

thrombosed left info 150: 296, 1984 Leppard BJ See Hall VL

Leppo JA; Macneil PB; Moring AF; et al: separate effects of ischemia, hypoxia, and contractility of thallium-201 kinetics in rabbit myocardium, (J Nucl Med), 27: 66, 1986

Nucl Med), 27: 66, 1986
LeQuesne GW See Alcock MK
LeQuesne GW See Stunden RJ
Lerch IA; Kohn S: radiofrequency hyperthemia: the
design of coil transducers for local heating,
(Radiology), 151: 280, 1984
Lerman B See Rabinovitch MA
Lerner RM See Ferin P
Lerner RM See Parker KJ
Lerner RM: ultrasonic sectional anatomy,
(Radiology), 154: 494, 1985

Lerner RM: ultrasonic sectional anatomy, (Radiology), 154: 494, 1985 Lerner RM: ultrasound in urology. 2d ed., (Radiology), 156: 174, 1985 Lerner RM; Spataro RF: splenic abscess: percutaneous drainage, (Radiology), 153: 643, 1984

1984
LeRoy AJ See Patterson DE
LeRoy AJ See Segura JW
LeRoy AJ; See Segura JW
LeRoy AJ; May GR; Bender CE; Williams HJ Jr;
MGGough PF; Segura JW; Patterson DE:
percutaneous nephrostomy for stone removal,
(Radiology), 151: 607, 1984
LeRoy AJ; May GR; Segura JW; et al: percutaneous
ultrasonic lithotripsy, (Radiol Clin North Am),
22: 427, 1984

22: 427, 1984

LeRoy AJ; May GR; Segura JW; et al: rapid dilatation of percutaneous nephrostomy tracks, (AJR), 142: 355, 1984

LeRoy AJ; Segura JW: percutaneous ultrasonic lithotripsy, (AJR), 143: 785, 1984

LeRoy AJ; Williams HJ Jr; Bender CE; et al: percutaneous removal of small ureteral calculi, (AJR), 145: 109, 1985

LeRoy AJ; Williams HJ Jr; Bender CE; Segura JW; Patterson DE; Benson RC: colon perforation following percutaneous nephrostomy and renal calculus removal, (Radiology), 155: 83, 1985
LeRoy AJ; Williams HJ Jr; Segura JW; Patterson DE; Benson RC Jr; indiwelling ureteral stents: percutaneous management of complications, (Radiology), 158: 219, 1986
Lesar MSL See Bennett LL
Lesh P See Maravilla KR
Lesh P See Wilcox DM

Leshinen RH; Skrifvars BV; Laasonen LS; Edgren KJ; bone lesions in systemic lupus crythematosus, (Radiology), 153: 349, 1984 Leslie SW See Lieberman RP

Lesines BY See Lieberman KP
Lesnick JE See Hackney DB
Lesoin F; Viaud C; Pruvo J; et al: traumatic and
alternating delayed intracranial hematomas,
(Radiology), 156: 567, 1985
Lesperance J See Paquet E
Lessana A See Veyrat C
Lessell IM See Coppeto JR

Lessell IM See Coppeto JR
Lessell S See Coppeto JR
Lessell S See Currie J
Lesser RP; Modic MT; Weinstein MA; et al:
magnetic resonance imaging (1.5 Tesla) in
patients with intractable focal seizures,
(Radiology), 160: 861, 1986
Lesser RW; Spector JG: facial nerve palsy associated
with Warthin's tumor, (Radiology), 159: 823,

1986

Lester JW Jr; Carter MP; Berens SV; et al: colon carcinoma metastatic to the thyroid gland, (Clin Nucl Med), 11: 634, 1986

Lester PD See Barnes PD

Lester RG: See Harris JH Jr

Lester RG: contributions of radiology to the diagnosis, management, and cure of breast cancer, (Radiology), 151: 1, 1984

Lester RG: RSNA '83: gold medalists and honorary members, (Radiology), 150: 839, 1984

Lester SG; Morphis JG II; Hornback NB: testicular seminoma: analysis of treatment results and

seminoma: analysis of treatment results and failures, (Int J Radiat Oncol Biol Phys), 12: 353,

1986
Lestrange NR See Tate CF III
Lettieri G See Giorgio A
Letton AH; Mason EM: routine breast screening:
survival after 10.5 years follow-up, (Radiology),
161: 574, 1986

161: 3/4, 1986
Leue WM See Bottomley PA
Leung A See Thomas AMK
Leung AW-L See Carr DH
Leung AW-L See Kingsley DPE
Leung AW-L See Vermess M
Leung AWL: MRI of the kidneys, (Semin US CT
MR), 7: 259, 1986

Leung AW-L; Bydder GM; Steiner RE; et al: magnetic resonance imaging of the kidneys, (AJR), 143: 1215, 1984 Leung JWC See Byrne P

Leung MC, Gooding GAW; Williams RD: high-resolution sonography of scrotal contents in asymptomatic subjects, (AJR), 143: 161, 1984 Leung PMK: experience with remote afterloading technique in intracavitary therapy, (Radiology), 153: 863, 1984

153: 863, 1984
Leung PMK: personnel radiation exposure analysis in a radiotherapy center: fourteen year retrospective study, (Radiology), 153: 863, 1984
Leupi F See Probst P
Leveau J See Meignan M
LeVeen RF: See Wolf GL
LeVeen RF: Batterman HJ; Billman LA; et al: entrapment of below-the-knee bypass grafts, (Cardiovasc Intervent Radiol), 9: 100, 1986
Leveille J See Taillefer A.

(Cardiovasc intervent radios), 7, 100, 1700 Leveille J See Taillefer R Levene MI See De Vries L Levene MI See Trounce JG Levene MI, De Vries L: extension of neonatal intraventricular hemorrhage, (Radiology), 154: 852 1985

Levene MI; Trounce JQ: cause of neonatal convulsions: towards more precise diagnosis, (Radiology), 161: 864, 1986 Levenstein 5 See Simi M

Lever AML; Henderson D; Ellis DA; et al: radiation fibrosis mimicking local recurrence in small cell carcinoma of the bronchus, (Radiology), 153: 266, 1984

Levesque PH See Jackson DE Jr Levesque R-Y See Brazeau-Lamontagne L Levey M See Weiss KL Levick RK See Milner GR Leviel JL See Le Bas JF

Levin DC: digital subtraction angiography: myths and reality, (Radiology), 151: 803, 1984
Levin DC See Bettmann MA

Levin DC See Bettmann MA
Levin DC See Boxt LM
Levin DC See Marx M
Levin DC See Meyerovitz MF
Levin DC See Meyerovitz MF
Levin DC See Perlmutt LM
Levin DC: percutaneous transluminal angioplasty of
the renal arteries, (Radiology), 154: 850, 1985

Levin DC; Boxt LM; Meyerovitz MF: percutaneous transluminal coronary angioplasty, (Radiol Clin North Am), 23: 597, 1985

Levin DC; Bozadjian E; Dunham L; Harrington DP; Abrams HL: cost reduction opportunities in radiology departments, (Radiology), 152: 823,

1984
Levin DC; Ganz P; Friedman P; Abben R;
Garnic JD; Boxt LM: percutaneous transluminal
coronary angioplasty with an over-the-wire
system, (Radiology). 155: 323, 1985
Levin DC; Harrington DP; Bettmann MA; et al:
equipment choices, technical aspects and pitfalls
of percutaneous transluminal angioplasty,
(Radiology), 152: 846, 1984

Levin DC, Schapiro RM; Box LM; et al: digital subtraction angiography: principles and pitfalls of image improvement techniques, (AJR), 143: 447, 1984

Levin H See Horowitz SF

Levin H See Machac J
Levin H See Machac J
Levin HS See Meyers CA
Levin M; McLeod R; Young Q; et al: pneumocystis
pneumonia: importance of gallium scan for
early diagnosis and description of a new
immunoperoxidase technique to demonstrate
pneumocystis carinii, (Radiology), 153: 281, 1984

Levin ML See Frost JK Levin NW See Cruz C

Levin R; Burbige KA; Abramson S; et al: diagnosis and management of renal inflammatory processes in children, (Radiology), 156: 275, 1985

Levine AM See Gellad FE

Levine AM: non-Hodgkin's lymphomas: clinical features, (Semin US CT MR), 6: 374, 1985

Levine AM; Edwards CC: management of traumatic spondylolisthesis of the axis, (Radiology), 156: 564, 1985

Levine AW See Bandyk DF Levine BA; Gaskill HV III; Sirinek KR:

portasystemic shunting remains the procedure of choice for control of variceal hemorrhage, (Radiology), 156: 855, 1985 Levine C See Levine E

Levine C See Rezvani L Levine E See De Smet AA

Levine E See Price HI Levine E See Templeton AW

Levine E See Tempteton Aw

Levine E: small renal neoplasms: diagnostic
imaging, pathologic features, and clinical
course, (Radiology), 159: 817, 1986

Levine E; Cook LT; Grantham JJ: liver cysts in

autosomal-dominant polycystic kidney disease: clinical and computed tomographic study, (AJR), 145: 229, 1985

(AJN), 149: £27, 1985 Levine E; DeSmet AA; Neff JR: role of radiologic imaging in management planning of giant cell tumor of bone, (Radiology), 154: 849, 1985 Levine E; De Smet AA; Neff JR; et al: scintigraphic evaluation of giant cell tumor of bone, (AJR), 143: 345, 1984

143: 343, 1984
Levine E; Grantham JJ: high-density renal cysts in autosomal dominant polycystic kidney disease demonstrated by CT, (Radiology), 154: 477, 1985
Levine E; Grantham JJ; Slusher SL; et al: CT of acquired cystic kidney disease and renal tumors in long-term dialysis patients, (AJR), 142: 125, 1984

Levine E; Levine C: Ewing tumor of rib: radiologic findings and computed tomography contribution, (Radiology), 153: 269, 1984 Levine E; Neff JR: dynamic computed tomography scanning of benign bone lesions: preliminary results, (Radiology), 153: 279, 1984 Levine J See Hernanz-Schulman M

Levine J See Lovy MR Levine JS See Lusk LB Levine JS See Zlatkin MB

Levine M See Han JS Levine MS See Apter AJ

Levine MS See Coscina WF Levine MS See DeGaeta L

Levine MS See Fox ER

Levine MS See Glick SN Levine MS See Grumbach K

Levine MS See Herlinger H

Levine MS See O'Riordan D

Levine MS See Rubesin SE

Levine MS See White RM Levine MS; Cajade AG; Herlinger H; Laufer I: pseudomembranes in reflux esophagitis, (Radiology), 159: 43, 1986

Levine MS; Caroline DF; Thompson JJ; Kressel HY; Laufer I; Herlinger H: adenocarcinoma of the esophagus: relationship to Barrett mucosa, (Radiology), 150: 305, 1984

Levine MS; Dillon EC; Saul SH; et al: early esophageal cancer, (AJR), 146: 507, 1986

Levine MS; Gasparaitis AE: barium filling for glucagon-resistant spasm on double-contrast barium enema examinations, (Radiology), 160:

Levine MS; Goldstein HM: fixed transverse folds in the esophagus: a sign of reflux esophagitis, (AJR), 143: 275, 1984 Levine MS; Kressel HY; Laufer I; et al: tube

Levine M5; Kressel HY; Laufer I; et al: tube esophagram: a technique for obtaining a detailed double-contrast examination of the esophagus, (A]R), 142: 293, 1984

Levine M5; Kressel HY; Laufer I; Herlinger H; Caroline DF: reticular pattern as a radiologic sign of the Barrett esophagus, (Radiology), 156: 843, 1985

Levine MS; Laufer I: candida esophagitis: accuracy of radiographic diagnosis: reply, (Radiology), 156: 844, 1985

156: 844, 1985
Levine MS; Macones AJ Jr; Laufer I: candida esophagitis: accuracy of radiographic diagnosis, (Radiology), 154: 581, 1985
Levine MS; Piccolello ML; Sollenberger LC; et al: solitary retal ulcer syndrome: radiologic diagnosis?, (Castrointest Radiol), 11: 187, 1986
Levine MS; Sunshine AG; Reynolds JC; et al: diffuse nodularity in esophageal lymphoma, (AJR), 145: 1218, 1985

ine MS; Trenkner SW; Herlinger H; Mishkin JD; Reynolds JC: coiled-spring sign of appendiceal intussusception, (Radiology), 155: 41, 1985

Levine M5; Verstandig A; Laufer I: serpiginous gastric erosions caused by aspirin and other nonsteroidal antiinflammatory drugs, (AJR), 146: 31, 1986

146: 31, 1986
Levine R See Haughton VM
Levine RA See Ascah KJ
Levine RB, Stassi J; Karasick D: Maquet principle.
anterior displacement of the tibial tubercle in
the treatment of patellofemoral disorders:
radiologic appearance, (Radiology), 157: 851,
1985

Levine RS; Geremia GK; McNeill TW: CT demonstration of cervical diastematom (JCAT), 9: 592, 1985

Levine RS; Powers T; Rosenberg HK; et al: cryptophthalmos syndrome, (AJR), 143: 375, 1984

Levinsohn EM See Guyer BH Levinsohn EM See Guyer BH
Levinsohn EM See Mino DE
Levinsohn EM See Tuyer B
Levisky JS See Simon NV
Levison H See Nadel HR
Levison V: effect on fertility, libido and sexual

function of post-operative radiotherapy and chemotherapy for cancer of the testicle, (Clin Radiol), 37: 161, 1986

Levitsky S See Shanes JG Levitt RG See Amato M Levitt RG See Edelstein G

Levitt RG See Glazer HS Levitt RG See Katz ME Levitt RG See Ratz ML Levitt RG See Lee JKT Levitt RG See Murphy WA Levitt RG See Picus D

Levitt RG See Picus D Levitt RG See Rholl KS

Levitt RG See Rholl KS
Levitt RG See Vannier MW
Levitt RG; Glazer HS; Roper CL; et al: magnetic
resonance imaging of mediastinal and hilar
masses: comparison with CT, (AJR), 145: 9, 1985
Levitt RG; Husband JE; Glazer HS: CT of primary
germ-cell tumors of the mediastinum, (AJR),
142: 73, 1984

142: 73, 1984
Levitt SH; See Brady LW
Levitt SH; Potish RA; Boen JR; et al: effect of
definitive irradiation on local control and
disease free survival in breast cancer, (Int J
Radiat Oncol Biol Phys), 12: 673, 1986
Levitz GS See Franken EA Jr

Evorstad K; Kolbenstvedt A; Kolmannskog F; et al: tolerability of iohexol after injection into healthy volunteers, (Radiology), 152: 252,

1984 Levorstad K; Kolbenstvedt A; Loyning EW: iohexol

compared with metrizoate in urography, (Radiology), 152: 842, 1984 Lev-Toaff AS; Karasick D; Rao VM: "drooping shoulder"—nontraumatic causes of glenohumeral subluxation, (Radiology), 154: 848, 1985

Levy DW; Bonakdarpour A; Putong PB; et al: subungual keratoacanthoma, (Radiology), 157: 851, 1985

o3), 1903 Levy DW, Rindsberg S; Friedman AC; et al: Thorotrast-induced hepatosplenic neoplasia: CT identification, (AJR), 146: 997, 1986 Levy EB See Brandt TD

Levy GC See Zwerling HK
Levy HM; Smith R: hepatic uptake of technetium99m diphosphonate in thalassemia major, (Clin
Nucl Med), 11: 110, 1986

Levy J See Martin EC

Levy J. Berdon WE; Abramson SJ: epiphyseal separation simulating pyarthrosis, secondary to copper deficiency, in an infant receiving total parenteral nutrition, (Radiology), 154: 853, 1985 Levy JM: practical value of computer literacy: 1. for the purchase of imaging equipment, (AJR), 145: 181, 1985

Levy JM: practical value of computer literacy: 2. troubleshooting computerized imaging equipment, (AJR), 145: 854, 1985

Levy JM; Hessel SJ: digital subtraction angiography in the community hospital, (Radiol Clin North Am), 23: 363, 1985

Am), 23: 363, 1985
Levy JM; Hessel SJ; practical value of computer literacy: 3. nonimaging computer applications in radiology, (AJR), 145: 1089, 1985
Levy JM; Hessel SJ; Joseph RB; Bodell LS: venous "lakes" of the hands, (Radiology), 156: 603, 1985
Levy JM; Hessel SJ; Nykamp PW; et al: detection of the cerebral lesions of chlorine intoxication by magnetic resonance imaging, (Magn Res Imag), 4: 51, 1986

Levy M See Beltran J
Levy OM; Gittelman MC; Strashun AM; et al:
diagnosis of acute testicular torsion using
radionuclide scanning, (Radiology), 150: 870,

Levy RJ See Pullicino P

Levy RM See Mano I

Levy RM; Rosenbloom S; Perrett LV: neuroradiologic findings in AIDS: review of 200 cases, (AJNR), 7: 833, 1986

Levy-Ravetch M; Auh YH; Rubenstein WA; et al: CT of the pericardial recesses, (AJR), 144: 707, 1985

Lew AS; Federman J; Harper RW; et al: operative removal of mobile pedunculated left ventricular thrombus detected by 2-dimensional echocardiography, (Radiology), 152: 264, 1984
Lewall DB See McCorkell SJ

Lewall DB; Bailey TM; McCorkell SJ: echinococcal matrix: computed tomographic, sonographic, and pathologic correlation, (J Ultrasound Med), 5: 33, 1986

5: 33, 1986

Lewall DB, McCorkell SJ: hepatic echinococcal cysts: sonographic appearance and classification, (Radiology), 155: 773, 1985

Lewall DB, McCorkell SJ: rupture of echinococcal cysts: diagnosis, classification, and clinical implications, (AJR), 146: 391, 1986

Lewall DB, Ofole S; Bendl B: mycetoma, (Radiology), 159: 873, 1986

Lewandowski BS: Dery R

Lewandowski BS: Challender J; Dery R: prolapsing Chiari malformation in tricuspid regurgitation: moving filling defect in the inferior vena cava, (J Ultrasound Med), 4: 655, 1985

Lewandowski BJ; French G; Winsberg F: normal

Lewandowski BJ; French G; Winsberg F: normal post-cholecystectomy sonogram: gas vs. clips, (J Ultrasound Med), 4: 7, 1985

Ultrasound Med). 4: 7, 1985

Lewandowski BJ; Winsberg F: echographic appearance of the right hemidiaphragm, (Radiology). 151: 831, 1984

Lewandowski BJ; Withers C; Winsberg F: air-filled left hepatic duct: the saber sign as an aid to the radiographic diagnosis of pneumobilia, (Radiology), 153: 329, 1984

Lewellen TK; Graham MM; Spence AM: quantitative autoradiography using a personal computer, (J Nucl Med), 27: 549, 1986

Lewicki AM See Weaver KE

Lewin AA, Serago CF; Schwade JG; et al: radiation induced failures of complementary metal oxide semiconductor containing pacemakers: potentially lethal complication, (Radiology), 156: 573, 1985

Lewin JS; Rosenfield NS; Hoffer PB; Downing D: acute osteomyelitis in children: combined Tc-99m and Ga-67 imaging, (Radiology), 158: 795,

Lewin ML: sphenoethmoidal encephalocele with cleft palate: transpalatal versus transcranial repair—report of 2 cases, (Radiology), 152: 256, 1984

Lewin PA: practical aspects of ultrasound dosimetry: hydrophone performance, (Ultrasound Med Biol), 12: 699, 1986

LeWinter M See Slutsky RA

Lewis AJ See Howard BA Lewis AJ See Willinsky RA

Lewis AJ See Willinsky RA

Lewis BD; Doubilet PM; Heller VL; et al: cutaneous
and visceral hemangiomata in the KlippelTrenaunay-Weber syndrome: antenatal
sonographic detection, (AJR), 147: 598, 1986

Lewis BD; Enzmann DR; Guthaner DF; Brody WR:
high frame-rate digital subtraction angiography
imaging technique for evaluation of
aortofemoral runoff, (Radiology), 151: 789, 1984

Lewis BJ See Moon KL Jr

Lewis BS; Agathangelou NE; Dos Santos LA; et al: real-time 2-dimensional echocardiographic visualization of thrombus on a Bjork-Shiley mitral valve prosthesis, (Radiology), 150: 297,

Lewis CE: Prato FS: Drost DI: Nicholson RL: comparison of respiratory triggering and gating techniques for the removal of respiratory artifacts in MR imaging, (Radiology), 160: 803,

Lewis E See Holbert JM

Lewis E: screening for diffuse and focal liver

Lewis E: screening for diffuse and focal fived disease: the case for hepatic sonography, (Radiology), 153: 267, 1984 Lewis E; Kurtz AB; Dubbins PA; et al: real-time ultrasonographic evaluation of normal fetal adrenal glands, (Radiology), 150: 300, 1984

Lewis GP See Bush WH Lewis JD See Garvey CJ

Lewis JH; Tice HL; Zimmerman HJ: Budd-Chiari syndrome associated with oral contraceptive steroids. review of treatment of 47 cases,

steroids. review of treatment of 47 cases, (Radiology), 151: 819, 1984 Lewis RR See Padayachee TS Lewis SE See McConnell JD Leyden MJ; Thompson CH; Lichtenstein M; et al: visualization of metastases from colon carcinoma using an iodine-131-radiolabeled monoclonal antibody, (Radiology), 161: 282, 1986

1986
Leyhe A: obliterative angiopathy of the digital arteries of the finger in the vibration syndrome, (Radiology), 159: 822, 1986
Leymaster CE See Carrasco CR
Lhotsky DM See Schade RR

Li C-Y See Shih W-J Li D See Burton K

Li D'see Burlou Li D'see Burlo

Li DFH See Woo ISK Li DFH; Woo JSK: fractional spine length: new parameter for assessing fetal growth, (J Ultrasound Med), 5: 379, 1986

Li DKB See Flak B

Li DKB See Johnson MA Li DKB; Adams ME; McConkey JP: magnetic resonance imaging of the ligaments and menisci of the knee, (Radiol Clin North Am), 24: 209,

Li DKB; Cooperberg PL; Graham MF; et al: pseudo perisplenic "fluid collections": clue to normal liver and spleen echogenic texture, (J Ultrasound Med), 5: 397, 1986

Li GC See Wallner K

Li GC. See Wallner K.
Li KC; Henkelman RM; Poon PY; et al: MR imaging of the normal knee. (JCAT), 8: 1147, 1984
Li KC; Poon PY; Hinton P; et al: MR imaging of orbital tumors with CT and ultrasound correlations, (JCAT), 8: 1039, 1984

Li KI; Kiernan S; Wald ER; et al: isolated uvulitis due to haemophilus influenzae type B, (Radiology), 157: 282, 1985

Li Y-W; Snow J; Smith WL; et al: localized pulmonary lymphangiectasia, (AJR), 145: 269, 1985

Libby C See Sawczuk IS Liberthson RR See Dinsmore RE Libnoch JA See Byhardt RW Libshitz HI See Holbert BL Libshitz HI See Hortobagyi GN

Libshitz HI See Larson TC III Libshitz HI See McKenna RJ Jr

Libshitz HI See Shuman LS Libshitz HI; Lindell MM; Maor MH; et al: Libshitz HI, Lindell MM; Maor MH; et al: appearance of the intact lymphomatous stomach following radiotherapy and chemotherapy, (Radiology), 156: 855, 1982.
 Libshitz HI; McKenna RJ Jr. mediastinal lymph node size in lung cancer, (AJR), 143: 715, 1984
 Libshitz HI; McKenna RJ Jr. Haynie TP; McMurtrey MJ; Mountain CT: mediastinal evaluation in lung cancer, (Radiology), 151: 295, 1984.

1984

Libson E See Bloom RA Libson E See Strauss S

Libson E; Bloom RA; Dinari G: evaluation of the excretory urogram in adult enuresis, (Clin Radiol), 37: 287, 1986

Libson E; Bloom RA; Dinari G; Robin GC: oblique

lumbar spine radiographs: importance in young patients, (Radiology), 151: 89, 1984 Lichtenfeld PJ; Rubin DB; Feldman RS: subarachnoid hemorrhage precipitated by cocaine snorting, (Radiology), 153: 569, 1984

Lichtenstein JE See Dachman AH Lichtenstein JE See Friedman AC Lichtenstein JE See Ros PR Lichtenstein M See Leyden MJ

Lichtman AH See Wang A-M Liddell HT; McDougal WS; Burks DD; et al: ultrasound versus digitally directed prostatic needle biopsy, (Radiology), 160: 858, 1986 Lieber A See Shih W-J

Lieber A See Stelling CB Lieberman A See Mitnick JS Lieberman AN See Walker R

Lieberman H See Cholankeril JV Lieberman JM; Alfidi RJ; Nelson AD; Botti RE; Moir TW; Haaga JR; Kopiwoda S; Miraldi FD; Cohen AM; Butler HE; Nara A; Hellerstein HK: gated magnetic resonance imaging of the normal and diseased heart, (Radiology), 152: 465, 1984

Lieberman JM; Botti RE; Nelson AD: magnetic resonance imaging of the heart, (Radiol Clin North Am), 22: 847, 1984 Lieberman LM See Seabold JE Lieberman RP See Williams SM

Lieberman RP See Williams SM
Lieberman RP, Cummings KB, Leslie SW: sheathed
catheter system for fluoroscopically guided
retrograde catheterization, and brush and
forceps biopsy of the upper urinary tract,
(Radiology, 153: 555, 1984
Lieberman RP; Hahn FJ; Imray TJ; Phalen JT:

loculated abscesses: management by percutaneous fracture of septations, (Radiology), 161: 827, 1986

Lieberman RP; Sleder PR: pain control after percutaneous biliary drainage: local infiltration with bupivacaine and epinephrine, (AJR), 146: 595, 1986

595, 1986

Lieberman S: aids to radiological differential diagnosis, (Radiology), 161: 408, 1986

Lieberman S: exercises in diagnostic radiology: nuclear imaging. 2d ed., (Radiology), 156: 740, 1985

1985

Lieberman S: nuclear magnetic rease imaging:
basic principles, (Radiology), 153: 452, 1984

Liebeskind D: sister chromatid exchanges and
diagnostic ultrasound, (Radiology), 152: 567,
1984

Liebman HA; Mauch P: Hodgkin's disease: clinical perspective, (Semin US CT MR), 6: 362, 1985 Liedberg J See Westesson P-L Liehn J-C See Venot A

Liehn J-C See Venot A
Lien HH See Lund G
Lien HH See Lund G
Lien HH, Fossa SD; Ous S; et al: lymphography in
retroperitoneal metastases in non-seminoma
testicular tumor patients with a normal CT scan,
(Radiology), 152: 844, 1984
Lien HH; Kolbenstvedt A; Lund G; thoracic
paraspinal shadow: a review of the appearances
in pathological conditions, (Radiology), 154:
271, 1985

Lien HH; von Krogh J: varicosity of the left renal ascending lumbar communicant vein: a pitfall in CT diagnosis, (Radiology), 152: 484, 1984 Lieskovsky G See Skinner DG

Lieto RP: radiation safety: introduction, laboratory tecniques, and emergency procedures, (Radiology), 151: 542, 1984

(Radiology), 151: \$42, 1984

Lightfale CJ: screening for diffuse and focal liver disease: a gastroenterologist's viewpoint, (Radiology), 153: 267, 1984

Lightfoot DA See Stanton L

Lightfoote JB See Friedenberg RM

Lightfoote JB See Friedenberg RM: Smolin MF: digital subtraction ductography, (AJR), 144: 635, 1985

Lija A See Ericson K

Lija A; Bergstrom K; Hartvig P; et al: dynamic study of supratentorial gliomas with L-methyl
"IC-methionine and positron emission tomography, (AJNR), 6: 505, 1985

Lillea F; Bach-Gansmo T; Weber H: lumbar myelography with Omnipaque (iohexol), (Neuroradiol), 28: 344, 1986

Lilly MB; Brezovich LA; Atkinson WJ:

Lilly MB; Brezovich IA; Atkinson WJ: hyperthermia induction with thermally self-regulated ferromagnetic implants, (Radiology), 154: 243, 1985

Lilue RE; Jequier S; O'Gorman AM: congenital pineoblastoma in the newborn: ultrasound evaluation, (Radiology), 154: 363, 1985 Lim CB See Gottschalk SC

Lim JH See Soutschark SC
Lim JH See Kim SY
Lim RC; Bongard FS: hepatocellular carcinoma.
changing concepts in diagnosis and
management. (Radiology), 154: 554, 1985
Lim RC Jr See LeBerge JM
Lim RC Jr See Meyer AA
Lim TH; Chang KH; Han MC; et al: pituitary
atrophy in Korean (epidemic) hemorrhagic
fever: CT correlation with pituitary function
and visual field, (AJNR), 7: 633, 1986
Lim WN See Ferris EJ
Lima CO; Sahn DJ; Valdes-Cruz LM; et al:
nonivasive prediction of transvalvular
pressure gradient in patients with pulmonary
stenosis by quantitative two-dimensional
echocardiographic Doppler studies, (Radiology),
151: 272, 1984
Lima CO; Sahn DJ; Valdes-Cruz LM; et al:

tina CO; Sahn DJ; Valdes-Cruz LM; et al:
prediction of the severity of left ventricular
outflow tract obstruction by quantitative twodimensional echocardiographic Doppler
studies, (Radiology), 151: 823, 1984
Lima CO; Valdes-Cruz LM; Allen HD; et al:
prognostic value of left ventricular size
measured by echocardiography in infants with
total anomalous pulmonary venous drainage,
(Radiology), 150: 858, 1984
Lima S See Uflacker R
Limacher MC; Quinones MA; Poliner LR; et al:
detection of coronary artery disease with
exercise two-dimensional echocardiography,
description of a clinically applicable method
and comparison with radionuclide
ventriculography, (Radiology), 151: 274, 1984

Limberg B See Raeth U Limpert J; MacMahon H; Variakojis D: angioimmunoblastic lymphadenopathy: clinical and radiological features, (Radiology), 152: 27,

1984 Lin AE; Di Sessa TG; Williams RG: balloon and blade atrial septostomy facilitated by two-dimensional echocardiography, (Radiology), 161: 285, 1986

Lin AS See vanSonnenberg E Lin DS: abnormal rates of gastric emptying, (Semin Nucl Med), 15: 70, 1985

Nucl Med), 15: 70, 1985
Lin DS: "fiathened" pattern in <sup>131</sup>I-hipppuran renogram, (Semin Nucl Med), 14: 62, 1984
Lin DS: "hot" patella on bone images, (Semin Nucl Med), 16: 218, 1986
Lin DS: hypervascularity on cerebral radionuclide angiogram, (Semin Nucl Med), 16: 74, 1986
Lin DS: hypovascularity on cerebral radionuclide angiogram, (Semin Nucl Med), 16: 77, 1986
Lin DS: "obstructive" pattern in an <sup>131</sup>I-hippuran renogram of a transplanted kidney, (Semin Nucl Med), 14: 64, 1984
Lin DS: pantom kidney on perfusion renal

Lin DS: phantom kidney on perfusion renal imaging, (Semin Nucl Med), 14: 59, 1984 imaging, (Semin Nucl Med), 14: 59, 1984 Lin DS; Sanders JA; Patel BR: delayed renal localization of Ga-67: concise communication, (Radiology), 152: 870, 1984 Lin G See Ekelund L Lin G, Hagerstrand I; Lunderquist A: portal blood supply of liver metastases, (AJR), 143: 53, 1984 Lin J-C See Gaffney FA

Lin IP See Braun II JP See Mitnick JS

Lin Jr See Minuts JS
Lin J-T See Sheu J-C
Lin K-j See Dunn EK
Lin MS; Fletcher JW; Donati RM: two-point T<sub>1</sub>
measurement: wide-coverage optimizations by
stochastic simulations, (Magn Res Med.), 3: 518,

Lin MS; Fletcher JW; Herbig FK; et al: numerical T<sub>1</sub> computation from NMR intensity ratios, (Magn Res Imag), 4: 311, 1986

Lince DM; Pretorius DH; Manco-Johnson ML; et al: clinical significance of increased echogenicity in the fetal abdomen, (AJR), 145: 683, 1985

683, 1985
Lincoln AJ See Stephenson TF
Lindahl J; Strender L-E; Larsson L-E; et al:
electrocardiographic changes after radiation
therapy for carcinoma of the breast. incidence
and functional significance, (Radiology), 154:
286, 1985
Lindahl S See Berlin O

Linday LA; Ehlers KH; O'Loughlin JE; et al: noninvasive diagnosis of persistent fetal circulation versus congenital cardiovascular defects, (Radiology), 152: 554, 1984 Lindegaard MW See Boye E

Lindell MM See Libshitz HI Lindequist S; Larsen CF: radiography of the carpal dequists; Larsen CF: radiography of the carpar scaphoid: experimental investigation evaluating the use of oblique projections, (Acta Radiol [Diagn]), 27: 97, 1986

Lindfors KK See Kopans DB Lindfors KK See Meyer JE

Lindfors KK See Yoder IC Lindfors KK; Kopans DB; McCarthy KA; et al: breast cancer metastasis to intramar lymph nodes, (AJR), 146: 133, 1986

sympn noues, (AJK), 146: 133, 1986 Lindfors KK; McGahan JP; Walter JP; fetal omphalocele and gastroschisis: pitfalls in sonographic diagnosis, (AJR), 147: 797, 1986 Lindfors KK; Meyer JE; Busse PM; et al: CT evaluation of local and regional breast cancer recurrence, (AJR), 145: 833, 1985

Lindfors KK; Meyer JE; Dedrick CG; Hassell LA; Harris NL: thymic cysts in mediastinal Hodgkin disease, (Radiology), 156: 37, 1985

Lindfors KK; Meyer JE; Palmer EL III; et al: scintigraphic finding in large-cell lymphoma of the spleen, (Radiology), 157: 288, 1985 Lindgren PG See Pastad J Lindheimer MD See Greenberg M

Lindholm A See Laasonen EM Lindholm TS See Laasonen EM Lindley SG See Seibert JJ Lindman CR See Kufass T

Lindner A; Goldman DG; deKernion JB: cost Lindner A; Goldman DG; deKernion JB: cost effective analysis of prenephrectomy radioisotope scans in renal cell carcinoma, (Radiology), 151: 562, 1984

Lindner P See Weigert F

Lindroth M See Mortensson W

Lindsay AN; Voorhess ML; MacGillivray MH: multicystic ovaries in primary hypothyroidism, (Radiology), 150: 613, 1984.

Lindsay D See Hughes CF Lindsay R See Wahner HW Lindstedt E See Jorulf H Lindstrom CG See Sigfusson BF

Ling CC See Harisiadis L Ling CC; Yorke ED; Spiro IJ; et al: physical dosimetry of <sup>125</sup> seeds of a new design for interstitial implant, (Radiology), **153**: 864, 1984

Ling D See Glazer HS
Ling D See Heiken JP
Ling D See Lee JKT
Ling D See McClennan BL
Ling D See McClennan BL
Ling D See McClennan BL
Ling D See Tackett RE
Ling D See van der Vliet AH
Ling D See Vorthington JL
Ling D; Lee JKT; Heiken JP; Balfe DM; Glazer HS;
McClennan BL: prostatic carcinoma and benign
prostatic hyperplasia: inability of MR imaging
to distinguish between the two diseases,
(Radiology), 158: 103, 1986
Ling LL; Streffer C; Sutherland R: decreased
hypoxic toxicity and binding of misonidazole by
low glucose concentration, (Int J Radiat Oncol
Biol Phys), 12: 1231, 1986
Lingan NR See Haacke EM
Lingeman JE See Kahnoski RJ
Lingeman JE; Newman D; Mertz JH; et al:

Lingeman JE; Newman D; Mertz JH; et al: extracorporeal shock wave lithotripsy: Methodist Hospital of Indiana experience, (Radiology), 161: 859, 1986 Lingeman JE; Sonda LP; Kohneski RJ; et al: ureteral

stone management: emerging concepts.
(Radiology), 161: 859, 1986
Linhart P See Bonhof JA
Lininger JR See Resnik CS
Link DP See Seibert JA
Link RJ See Velt PM

Link Ny See Veit PM Linkowski GD See Gooding GAW Linkowski GD, Avellone A; Gooding GAW: scrotal calculi, (Radiology), 156: 484, 1985 Lins E See Roosen N

Linscheid RL See Beabout IW

Linton OW: Medicare amendments change teaching hospital reimbursement, (Radiology), 161: 567, 1986

Linton OW: radiology in the medical swirl, (AJR), 145: 1118, 1985

Lintott DJ See Hamilton I Linzer M See Shawker TH

Lipchik EO; Ogren C: contrast media hyperemia and Doppler measurements in peripheral arterial disease, (AJR), 142: 133, 1984

Lipchik EO; Sugimoto H: percutaneous brachial artery catheterization, (Radiology), 160: 842, 1986

Lipinksi JK; Rao CR: ultrasound diagnosis of a benign calcified testicular mass: report of a case, (J Canad Assoc Radiol), 37: 112, 1986

Lipinski JK See Fisher RM Lipinski JK See Goodman A

Lipinski JK; Cremin BJ: ultrasound and computed tomography of the infant brain: clinical comparison, (Clin Radiol), 37: 365, 1986

Lipinski JK; Peacock W]; Cremin BJ: ultrasound evaluation of complications in shunted hydrocephalus, (Radiology), **154**: 852, 1985

Lipkin AF; Bryan RN; Jenkins HA: pneumolabyrinth after temporal bone fracture: documentation by high-resolution CT, (AJNR), 6: 294, 1985

Lipman SP; Pretorius DH; Rumack CM; Manco Johnson ML: fetal intracranial teratoma: US diagnosis of three cases and a review of the literature, (Radiology), 157: 491, 1985 Lippe RD See Winzelberg GG

Lipper EG See Uniterliberg GG Lipper EG See Voorhies TM Lipper MH See Jensen ME Lipper MH; Kishore PRS; Enas GG et al: computed tomography in the prediction of outcome in head injury, (AJNR), 6: 7, 1985 Lippert MC See Tegtmeyer CJ Lippi L See Dal Maso M

Lippman M See DeVita VT Lipp-Zwahlen AE; Deonna T; Chrzanowski R; et al: Lipp-zwanien Ar; Deonna 1; chrzanowski K; et a temporal evolution of hypoxic-ischaemic brain lesions in asphyxiated full-term newborns as assessed by computerized tomography, (Radiology), 158: 862, 1986 Lipschitz See Schwartz G Lipschutz JB See Goldberg SK

Lipscomb K See Nixon JV Lipscomb KM See Simon TR

Lipscomb K See Nixon JY
Lipscomb K M See Simon TR
Lipsit ER See Heywang SH
Lipsit ER Sinflammatory disease of the pelvis and
postoperative fluid collections, (Clin Diagn
Ultrasound). 15: 85: 1984
Lipson MJ See Dery R
Lipton MJ See Dery R
Lipton MJ See Farmer DW
Lipton MJ See Fisher MR
Lipton MJ See Gooding GAW
Lipton MJ See Hargins CB
Lipton MJ See Lanzer P
Lipton MJ See Lanzer P
Lipton MJ See Wesbey GE
Lipton MJ: quantitation of cardiac function by cineCT. (Radiol Clin North Am). 23: 613, 1985
Lipton MJ: Farmer DW; Killebrew E; Bouchard A;
Dean PB; Ringertz HG; Higgins CB: regional
myocardial dysfunction: evaluation of patients
with prior myocardial infarction with fast CT,
(Radiology), 157: 735, 1985

Lipton MJ; Higgins CB; Farmer DW; Boyd DP: cardiac imaging with a high-speed cine-CT scanner: preliminary results, (Radiology), 152: 579, 1984

Lipton SA; Hickey WF; Morris JH; et al: candidal infection in the central nerv (Radiology), 153: 569, 1984 LiPuma JP See Bryan PJ LiPuma JP See Butler H

LiPuma JP See El Yousef SJ

LiPuma JP See Martino CR LiPuma JP: magnetic resonance imaging of the kidney, (Radiol Clin North Am), 22: 925, 1984

LiPuma JP; Haaga JR; Bryan PJ; et al: percutan-

nephrostomy in neonates and infants, (Radiology), 156: 271, 1985 Lirette M; Filly RA: relationship of fetal hydronephrosis to spinal dysraphism, (Radiology), 152: 866, 1984

Lisak RP See Janssen RS Lisann NM; Palestro CJ; Benua RS: technetium-99m RBC venography revealing bilateral iliac vein obstruction, (Clin Nucl Med), 11: 598, 1986

Lisann NM; Palestro CJ; Novich IS; et al: gallbladder visualization on a technetium-99m MDP bone scan, (Clin Nucl Med), 11: 57, 1986

Lisann NM; Yankelevitz DF; Castronuovo J; et al: technetium-99m MDP activity in unsuspected necrotizing fasciitis, (Clin Nucl Med), 11: 218,

Lisberg WN See Pomeranz SJ Lisbona R See Raymond J

Lisbona R; Kreisman H; Novales-Diaz J; et al: perfusion lung scanning: differentiation of primary from thromboembolic pulmonary hypertension, (AJR), 144: 27, 1985

Lisbona R; Rush CL; Derbekvan V; et al: radiocolloid liver imaging in hepatic steatosis, (Clin Nucl Med), 11: 183, 1986

Lisbona R; Sniderman A; Derbekyan V; et al: phase and amplitude imaging in the diagnosis of acute right ventricular damage in inferior infarction, (Radiology), 152: 565, 1984

Lisk KG See Gray JE

1986

Lissner J See Rienmuller R Lister-James J See Holman BL Listinsky J: MCQ's in radiology, (Radiology), 158: 558, 1986

Listinsky JJ: essentials of radiology physics, (Radiology), 160: 542, 1986 Listinsky JJ; Steiner E; Philbrick A; Poster R: radiology review cards, (Radiology), 161: 670,

Listinsky JL; Wood BP; Ekholm DE: parietal osteomyelitis and epidural abscess: delayed complication of fetal monitoring, (Pediatr Radiol), 16: 150, 1986

Liston SE See Friedman PJ Liszczak TM See Pile-Spellman JMD Litchman H See McCullough RW Litt AW See Zerhouni EA

Litt L; Gonzalez-Mendez R; Weinstein PR; et al: in vivo <sup>31</sup>P NMR study of cerebral hypoxic hypoxia in rats, (Magn Res Med), **3**: 619, 1986

Little AG; DeMeester TR; Kirchner PT; et al: guided biopsies of abnormalities on nuclear bone scans: technique and indications, (Radiology), **151**: 277, 1984

Little AG; Ferguson MK; Demeester TR; et al: esophageal carcinoma with respiratory trac fistula, (Radiology), 153: 559, 1984

Little CM; Parker MG; Callowich MC; et al: ultrasonic detection of soft tissue foreign bodies, (Invest Radiol), 21: 275, 1986

Little KET See Stunden RJ Little W See Sagar S

Littlefield JL; Rudd TG: Tc-99m hydroxymethylene diphosphonate and Tc-99m methylene diphosphonate: biological and clinical comparison: concise communication, (Radiology), 152: 270, 1984 Littlejohn G See Doyle TCA

Littlejohn GO; Brand CA; Ada A; Wong C: popliteal cysts and deep venous thrombosis: Tc-99m red blood cell venography, (Radiology), 155: 237,

Littleton JT See Harris JH Jr

Littleton J. See Harris JH. Jr.
Littleton JT: conventional tomography in
perspective—1985, (Radiographics), 6: 336, 1986
Littleton RH; Cerny JC; Miles B: use of occlusion
balloon catheter in percutaneous renal stone
extraction, (Radiology), 161: 859, 1986
Littrup PJ; Gebarski SS: MR imaging of
Hallervorden-Spatz disease, (JCAT), 9: 491, 1985
Litting SR, See Wells RC;

Litwin SB See Wells RG

Liu G-C; Angtuaco Tt; Ferris EJ; Shah HR; Reifsteck JE; Harshfield DL: inferior vena caval filters: noninvasive evaluation, (Radiology), 160: 521, 1986

Liu G-C; Ferris EJ; Reifsteck JE; et al: effect of anatomic variations on deep venous thrombo of the lower extremity, (AJR), 146: 845, 1986 Liu HY; Panidis I; Soffer J; et al: echocardiographic diagnosis of intracardiac myxomas. present status, (Radiology), 151: 558, 1984 Liu J-D See Tsai G-L

Liu P See Johnston DL

Liu P See Johnston DL
Liu P See Stringer DA
Liu P; Kruger RA; Nelson JA; Miller FJ;
Osborn AG; Wojtowycz M: digital
angiography: matched filtration versus maskmode subtraction, (Radiology), 154: 217, 1985

Liu PY See Kruger RA
Liu R-S; Chen C-Y; Yeh S-H: unusual
demonstration of supernumerary bronchial lobe
by pulmonary imaging, (Clin Nucl Med), 11:
438, 1986

Liu Y-m See Lawson IP

Liu YQ: radiology of aortoarteritis, (Radiol Clin North Am), 23: 671, 1985

North Am), 23: 6/1, 1985 Liver JA See Hammond DI Liversage WE See Lambert GD Livingston C See Swartz D Livolsi V See Mitchell DG

Livolsi V See Mitchell DG
Livoni JP; McGahan JP: intracranial fluid-blood
levels in the anticoagulated patient,
(Radiology), 152: 255, 1984
Livraghi T See Solbiati L
Livraghi T; Festi D; Monti F; Salmi A; Vettori C:
US-guided percutaneous alcohol injection of
small hepatic and abdominal tumors,
(Radiology), 161: 309, 1986
Lizzi FL See Coleman DJ
Lizzi FL See King DL
Lizzi FL See King DL
Lizzi FL See Silverman RH
Lauger L See Mata I

Llauger J See Mata J Llaurado JG See McNeill JA

Laurado JG See McNeill JA Llewellyn G; Gaudet L; Quartey GRC; et al: intracranial metrizamide following myelography, (Radiology), 155: 554, 1985 Lloyd BL See Antico VF Lloyd GAS See Lund VJ

Lloyd GAS See Phelps PD

Lloyd GAS: cholesterol granuloma of the facial skeleton. (Br J Radiol), 59: 481, 1986 Lloyd GAS; Phelps PD: demonstration of tumours of the parapharyngeal space by magnetic resonance imaging, (Br J Radiol), 59: 675, 1986 Lloyd TV See Maves MD

Lloyd WC III See Leone CR Jr Lloyd-Still JD See Fernbach SK Lluncor E See Tihansky DP

Lo S-C; Huang HK: compression of radiological images with 512, 1,024, and 2,048 matrices, (Radiology), 161: 519, 1986

Lo S-C; Huang HK: radiological image compression: full-frame bit-allocation technique, (Radiology), 155: 811, 1985

Lo TCM; Salzman FA; Wright KA; et al: megavolt electron irradiation in the treatment of recurrent carcinoma of the breast on the chest wall, (Radiology), 151: 837, 1984 Lo WWM See Gherini SG

Lo WWM See Solti-Bohman LG Lo WWM; Horn KL; Carberry JN; Solti-Bohman LG; Wade CT; Brackmann DD; Waluch V: Intratemporal vascular tumors: evaluation with CT, (Radiology), 159: 181, 1986

Lo WWM; Solti-Bohman LG: high-resolution CT of the jugular foramen: anatomy and vascular variants and anomalies, (Radiology), 150: 743,

1984
Lo WWM; Solti-Bohman LG; Brackmann DE;
Gruskin P: cholesterol granuloma of the petrous
apex: CT diagnosis, (Radiology), 153: 705, 1984
Lo WWM; Solti-Bohman LG; Lambert PR: highresolution CT in the evaluation of glomus
tumors of the temporal bone, (Radiology), 150:
737, 1984

Low WM; Solti-Bohman LG; McElveen JT Jr. aberrant carotid artery: radiologic diagnosis with emphasis on high-resolution computed tomography, (Radiographics), 5: 985, 1985 Lobe TE See Hayden CK Jr

Lobo PA See Pierquin B Locey M See Ramirez RE LoCicero J III See Kucich VA Lock IE See Nancarrow PA

Lock D. Ja. Thatcher N: retrospective study of thirty-two patients with small-cell bronchogenic carcinoma and inappropriate secretion of antidiuretic hormone, (Clin Radiol), 37: 47, 1986

Lodwick GS: See Bauman RA
Lodwick GS: radiologist's role in the management
of chondrosarcoma, (Radiology), 150: 275, 1984 Loeb M See Host H

Loeb M See Host H
Loesevitz A See Sutro WH
Loevinger E See Stanley JH
Loevinger E; Schabel SI; Davis CS III; et al: case
report 385, (Skeletal Radiol), 15: 492, 1986
Loevinger EH; Vujic I; Lee WM; et al: hepatic
rupture associated with pregnancy: treatment
with transcatheter embolotherapy, (Radiology),
156: 272, 1985

Loflin TG; Simeone JF; Mueller PR; Saini S; Stark DD; Butch RJ; Brady TJ; Ferrucci JT Jr: gallbladder bile in cholecystitis: in vitro MR evaluation, (Radiology), 157: 457, 1985 Loftus AA See Bassett LW Logan KW See Abadir R Logus JW; Trajan M; Hooper HR; et al: single photon emission tomography of lungs imaged with <sup>99m</sup>Tc-labeled aerosol, (Radiology), **155**: 286, 1985 Loh FK See Fried AM Loh FK See Woodring JH Loh G See Lee WJ Lois JF See Cassling RJ Lois JF See Gomes AS Lois JF; Takiff H; Schechter MS; et al: vessel rupture by balloon catheters complicating chronic steroid therapy, (AJR), 144: 1073, 1985 Loisance D See Mathieu D Loi Sance D See Mattieu
Lok AS-F, Wong K-F, Lee P-K; et al: radiological
diagnosis of leiomyosarcoma of the inferior
vena cava, (Clin Radiol), 37: 403, 1986
Loken MK See Sirr SA Loken MK; Ascher NL; Boudreau RJ; et al: scintigraphic evaluation of liver transplant function, (J Nucl Med), 27: 451, 1986 Lokich J See Costello P Lokich JJ See Lee RGL Loman H See Lafleur MVM Lomas FE See Burch WM Loncaric S See Bice AN London J See Nguyen VD London SS See Wong WS Loney LC See Walker FC Jr Long JL See Krudy AG Long M See Fong TC Long SA See Mattrey RF Long SA See Slutsky RA
Long SE; Sonnemaker RE; Burdine JA: renal
accumulation of <sup>67</sup>Ga-citrate, (Semin Nucl Med), 14: 52, 1984 14: 52, 1984
Long SI; Falgout HJ: angiographic density
averaging in a case of renal artery intimal
fibroplasia and recanalized thrombus,
(Radiology), 156: 856, 1985
Longino MA; Glazer GM; Weichert JP; et al: esters
of iopanoic acid as liver-specific CT contrast
agents: biodistribution and CT evaluation,
(JCAT), 8: 1099, 1984 Longmaid HE III; Seltzer SE; Costello P; et al: hepatocellular carcinoma presenting as primary extrahepatic mass on CT, (AJR), 146: 1005, 1986 Longmaid HE III; Tymkiw J; Rider EA: sonographic diagnosis of a chylous mesenteric cyst, (JCU), 14: 458, 1986 Longmore DB See Nayler GL Longo JM See Lopez-Rasines GJ Longson F See Dixon GD Lonstein IF See Winter RB Looney WB; Hopkins HA: solid tumor models for oney MB; Hopkins HA: solid tumor models for the assessment of different treatment modalities: XXV. comparison of the effect of one radiation fraction per day with multiple fractions per day (MFD) given either continuously or intermittently on tumor response and normal tissue reaction, (Int J Radiat Oncol Biol Phys), 12: 203, 1986 Kadlat Oncol Biol Frys), 12: 200, 1700 Lopez F See Gray JE Lopez OL; Rodriguez-Maisano E; Delevaux JL: thoracic duct malformations: lymphoscintigraphic diagnoses, (Clin Nucl Med), 11: 479, 1986 Med). 11: 479, 1986
Lopez-Berestein G See Shirkhoda A
Lopez-Morales L See Vallegjos E
Lopez-Rasines GJ; Alonso JR; Longo JM; et al:
aneurysmal dilatation of the superior
mesenteric vein: CT findings, (JCAT), 9: 830, 1985 Lorent T See Alcalay J Lorentzen JE See Andersen PE Jr Lorenz R See Peters PE Lorenzo RL See Atkinson GO Jr Lorenzo RL; Bradford BF; Black J; Smith CD: lung abscesses in children: diagnostic and therapeutic needle aspiration, (Radiology), 157: 79, 1985 Lorgeron JM See Benjelloun H Loriaux DL See Doppman JL Loriaux DL See Shawker TH Lorig RJ See George CR Lorig RJ See George CR
Lorine P See Sjoberg S
Lorphelin J-M See Menu Y
Lorusso A See Andreula CF
Lotke PA; Ecker ML; Alavi A; et al: indications for
the treatment of deep venous thrombosis
following total knee replacement, (Radiology),
153: 847, 1984

Lotter MG See van Aswegen A
Lotter MG; Heyns AdP; Badenhorst PN; et al:
evaluation of mathematic models to assess
platelet kinetics, () Nucl Med), 27: 1192, 1986
Lottich See Johnston WW Lottich SC See Johnston WW
Lotz PR See Nanni D
Lotz PR, Seallinger WE Jr; Quisling RG: subcortical
arteriosclerotic encephalopathy: CT spectrum
and pathologic correlation, (AJNR), 7: 817, 1986
Lotze A See Taylor GA
Loughran CF: clinical intravenous urography:
comparative trial of ioxaglate and iopamidol,
(Radiology), 161: 455, 1986
Loughran CF: review of the plain abdominal
radiograph in acute rupture of abdominal aortic
aneurysms, (Clin Radiol), 37: 383, 1986
Loughran CF: Emke FM: calcified post-traumatic
renal pseudotumour, (Br J Radiol), 59: 515, 1986
Loughran CF; Thind CR: gallbladder infarction:
radiographic mimic of emphysematous
cholecystitis, (Radiology), 158: 567, 1986
Louis DS See Braunstein EM
Louis DS See Space TC Louis DS See Space TC Louis DS See White SJ Lourie GL See Salibu NA Lourie GL; Osborne DR; Kirks DR: involvement of posterior visual pathways by optic nerve gliomas, (Pediatr Radiol), 16: 271, 1986 Lourie H See Salibu NA Lourie H See Saitbu NA
Louw JH See Kottler RE
Love GL; Riehl PA: intranasal encephalocele
masking as a nasal polyp in an adult patient,
(Radiology), 151: 269, 1984
Love HG See Faulkner K
Love L; Demos TC; Posniak HV; CT of retrorenal
fluid collections, (AJR), 145: 87, 1985 Love L; Yedlicka J: computed tomography of internally calcified renal cysts, (AJR), 145: 1225, Love MB See Swayne LC Love RG See Sobel SM Love S See Hann L Lovell DJ See Kaufman RA Lovelock JE See Griffiths HJ Lovelock JE: computed tomography in orthopedic radiology, (Radiology), 152: 496, 1984 Lovelock JE: ultrasonics in clinical diagnosis, (Radiology), 154: 178, 1985 Lovelock JE; Griffiths HJ; Silverstein AM; et al: complications of total knee replacement, (AJR), 142: 985, 1984 Lovett BP See Wolfel DA Lovett BP See Wolfet DA
Lovin J See Wesbey GE
Lovy MR; Levine J; Steigerwald JC: lower
esophageal rings as a cause of dysphasia in
progressive systemic sclerosis—coincidence or
consequence?, (Radiology), 151: 818, 1984 Lowden JA See Heier L Lowe RE; Cohen MD: computed tomographic evaluation of Wilm's tumor and neuroblastoma, (Radiographics), 4: 915, 1984 Lowe TW See Cohen JM Lowe TW See Weinreb JC Lower RF; McNiesh LM; Callaghan JJ: computed tomographic documentation of intra-articular penetration of a screw after operations on the shoulder: report of two cases, (Radiology), 158: 859, 1986 Lowry P See Kim EE Lowther JR II See Starkschall G Loyd JL See Hadlock FP Loyning EW See Levorstad K Lozowski M See Lundy J Lu C-C See Chen H-Y Lu CC: new, safe balloon enema tip, (Radiology), 150: 835, 1984 Lu L See Candell-Riera I Lubat E; Kramer EL; Sanger JJ: "supernormal" bone image in a case of Waldenstrom macroglobulinemia, (Clin Nucl Med), 11: 279, Lubbers DJ: solitary pulmonary nodule with cavitation, (Semin Roentgenol), 19: 160, 1984 Lubbers LM See Weiss KL Lubin JH See Currie J Luby BJ; Georgiev M; Warren SG; et al: postpartum pneumopericardium, (Radiology), 151: 817, 1984 Lucas A See Brooke OG Lucas CL See Frantz EG Lucas CL See Keagy BA Lucas D See Koenig H Lucas FV See Risius B

Lucas P See Amico S Lucas RV Jr See Englund JA

Lucaya J; Enriquez G; Amat L; et al: computed tomography of infantile hepatic hemangioendothelioma, (AJR), 144: 821, 1985

Lucaya J; Enriquez G; Delgado R; et al: infundibulopelvic stenosis in children, (AJR), 142: 471, 1984

Luce JM See Coleman DL Lucey JF See Horbar JD Luciani L; Piscioli F: experience with modified Luciani L; Piscioli F: experience with modified Chiba needle in staging of genitourinary tumors, (Radiology), 158: 569, 1986
Luck SR See Marn CS
Ludbrook PA See Gutierrez FR
Ludwig B See Kretzschmar K
Ludwig B, Nix W; Lanksch W: computed tomography of the "armored brain", (Radiology), 151: 267, 1984
Ludwig G See Weiss H
Ludwig IW: digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism: reply, (Radiology), 150: 844, 1984
Lue T See Hricak H 844, 1984

Lue T See Hricak H

Lue T See Hricak H; Marich KW; Tanagho EA:
vasculogenic impotence evaluated by highresolution ultrasonography and pulsed Doppler
spectrum analysis, (Radiology), 155: 777, 1985

Luebke NH See Smoker WRK

Luedke MD See Beckmann CF

Lueken RP See Popp L

Luers P See Datz FL

Luetje CM; Whittaker CK; Callaway LA; et al:
histological acoustic tumour involvement of the
VIIth nerve and multicentric origin in the
VIIth nerve, (Radiology), 152: 558, 1984

Lufkin RB See Destrich RB

Lufkin RB See Flannigan BD

Lufkin RB See Hoeliday J

Lufkin RB See Hoeliday J

Lufkin RB See Reicher MA

Lufkin RB See Wester RA

Lufkin RB See Wester RA

Lufkin RB See Wester RA

Lufkin RB Hanafee WN: application of surface coils
to MR anatomy of the laryns, (A)NR), 6: 491,
1985

Lufkin RB, Hanafee WN: imaging the
laryngopharyns. (Semin IIS CT MB), 7: 166 ue T See Hricak H Lufkin RB; Hanafee WN: imaging the laryngopharynx, (Semin US CT MR), 7: 166, Lufkin RB; Hanafee WN; Wortham DG; Hoover LA: larynx and hypopharynx: MR imaging with surface coils, (Radiology), 158: 747, 1986 Hoover LA: larynx and hypopharynx: MR
imaging with surface coils, (Radiology), 158:
747, 1986

Lufkin RB; Keen R; Rhodes M; et al: MRI simulator
for instruction in pulse-sequence selection,
(AJR), 147: 199, 1986

Lufkin RB; Sharpless T; Flannigan B; et al:
dynamic-range compression in surface-coil MRI,
(AJR), 147: 379, 1986

Lufkin RB; Votruba J; Reicher M; et al: solenoid
surface coils in magnetic resonance imaging,
(AJR), 146: 409, 1986

Lufkin RB; Wortham DG; Dietrich RB; Hoover LA;
Larsson SG; Kangarloo H; Hanafee WN: tongue
and oropharynx: findings on MR imaging,
(Radiology), 161: 69, 1986

Luft FC; Klatte EC; Weyman AE; et al:
cardiopulmonary effects of volume expansion in
man: radiographic manifestations, (AJR), 144:
289, 1985

Lufk TB; Caltate EC; Weyman AE; et al:
cardiopulmonary effects of volume expansion in
man: radiographic manifestations, (AJR), 144:
289, 1985

Luk K-T See Yang P-C

Luini A See Veronesi U

Luisiri A See Tantana S

Luis-Jorge JC See Eisenberg D

Luk KH See Griffin BR

Luk KH See Griffin BR

Luk KH See Li D

Lukes SJ See Grossman LW

Lukes SJ See Grossman LW

Lukes SJ See Kushner MJ

Lukes SJ See Nishiyama H

Lukin RR See Kelsfer SA

Lull RJ See Utz JA

Lumbroso J See Vanel D

Lumia FJ See Videll JS

Lumbroso J See Vanel D

Lumia FJ See Videll JS

Lumbroso J See Vanel D

Lumia FJ See Videll JS

Lumbroso J See Vanel D

Luma MA See Bshakis JG

Luna MA See Bshakis JG

Luna MA See Bshakis JG

Luna MA See Bshirkhoda A

Luna RF See Rade

Lund G See Carag AH

Lund G See Salomonowitz E

Lund G See Hunter DW

Lund G; Lien HH: abnormalities of the azygooesop Lufkin RB; Keen R; Rhodes M; et al: MRI simulator Lucaya J; Garcia-Conesa A; Bernado L: pulmonary sequestration associated with unilateral pulmonary hypoplasia and massive pleural effusion, (Radiology), 153: 850, 1984 1155: 831, 1985 Lund G; Rysavy JA; Kotula F; Castaneda-Zuniga WR; Amplatz K: detachable steel spring coils for vessel occlusion, (Radiology), 155: 530,

Lottenberg S See Aufrichtig D

Lund G; Rysavy JA; Salomonowitz E; Cragg AH; Vlodaver Z; Bendel W; Castaneda-Zuniga WR; Amplatz K: nephrotoxicity of contrast media assessed by occlusion arteriography, (Radiology), 152: 615, 1984.

(Radiology), 152: 615, 1984
Lund G; Rysavy JA; Salomonowitz E; Cragg AH;
Kotula F; Castaneda-Zuniga WR; Hunter DW;
Coleman CC; Amplatz K: new vena caval filter
for percutaneous placement and retrieval:
experimental study, (Radiology), 152: 369, 1984

experimental study, (Radiology), 152: 369, 1984 Lund G; Sinaiko A; Castaneda-Zuniga WR; et al: percutaneous transluminal angioplasty for treatment of renal artery stenosis in children, (Radiology), 156: 857, 1985 Lund GB See Young AT Lund VI; Lloyd GAS: radiological changes associated with inverted papilloma of the nose and paranasal sinuses, (Radiology), 154: 565, 1985

Lundberg PO See Muhr C
Lundell C See White RI Jr
Lundell CJ; Quinn MF; Finck EJ: traumatic
laceration of the ascending aorta: angiographic
assessment, (AJR), 145: 715, 1985

Lunderquist A See Lin G
Lundgren R: bilateral bronchial carcinoma,
(Radiology), 153: 845, 1984
Lundius B See Holthusen W

Lundstedt C; Hederstrom E; Brisman J; et al: prospective investigation of radiologic methods in the diagnosis of intra-abdominal abscesses, (Acta Radiol [Diagn]), 27: 49, 1986

Lundstrom B; Osterman G: assessment of deep

Lundstrom b; Osterman G: assessment of acep venous insulfficiency by ascending phlebography, (Radiology), 152: 845, 1984 Lundy J; Lozowski M; Mishriki Y; monoclonal antibody B72.3 as a diagnostic adjunct in fine-needle aspirates of breast masses, (Radiology), 161: 283, 1986

Lung G See Coleman CC

Luning M; Kursawe R; Schopke W; et al: CT guided percutaneous fine-needle biopsy of the pancreas, (Radiology), 158: 567, 1986

Lunsford LD See Latchaw RE Lupetin AR See Daffner RH Lupetin AR See Dash N

Lupetin AR See Sefczek RJ

Lupetin AR: magnetic resonance appearance of the

Lupetin A R: magnetic resonance appearance of the kidneys in paroxysmal nocturnal lemoglobinuria, (Urol Radiol), 8: 101, 1986
Lupetin A R; Dash N; Beckman I: leiomyosarcoma of the superior vena cava: diagnosis by cardiac gated MR, (Cardiovasc Intervent Radiol), 9: 103, 1986

Lupien C; Sauerbrei EE: healing in the traumatized spleen: sonographic investigation, (Radiology), 151: 181, 1984

Lupien C, Wagar H; Sauerbrei EE: delayed regression of huge theca lutein cysts monitored by serial sonograms and β-HCG levels, (Radiology), 153: 859, 1984

Lurie AL; Udoff EJ; Reid PJ: automatic implantable cardioverter-defibrillator: appearance and complications, (AJR), 145: 723, 1985

Lurie H See Mukamel E Lusiani L See Visona A Lusinchi A See Mazeron JJ

Lusk LB; Reichen J; Levine JS: aphthous ulceration in diversion colitis. clinical implications, (Radiology), 156: 855, 1985

Luska G; Poser H: acute pancreatitis in obstructive jaundice following combined internal and external percutaneous transhepatic duct drainage (PTBD), (Radiology), **150**: 857, 1984

Lussier A See Brazeau-Lamontagne L Lustig-Gillman I See Snyder JR Lutas EM See Devereux RB Lutz H See Heyder N

Lutz RJ See Doppman JL
Lutz WR; Larsen RD: technique to match mantle
and para-aortic fields, (Radiology), 153: 864,
1984

Lutzker LG See Freeman LM Luu YH See Stone HB Lux G See Heyder N Luxford WM See Barrs DM Luxford WM See Becker TS

Luyten PR; den Hollander JA: <sup>1</sup>H MR spatially resolved spectroscopy of human tissues in situ, (Magn Res Imag), 4: 237, 1986 Luyten PR; den Hollander JA: observation of

metabolites in the human brain by MR spectroscopy, (Radiology), 161: 795, 1986 Luzzatti L See Sartoris DJ

Luzzi M See De Luca F

Lybeert MLM; Meerwaldt JH: chordoma: report on treatment results in eighteen cases, (Acta Radiol [Oncol]), 25: 41, 1986

Lydiatt DD See Kaplan PA

Lydigakis NJ: cystic dilatation of the common bile duct, (Radiology), 156: 563, 1985 Lyn M-K See Kumari-Subaiya S

Lynch D; McManus F; Ennis JT: computed tomography in spinal trauma, (Clin Radiol), 37: 71, 1986

Lynch JH See O'Brien WM Lynch R See Haughton VM Lynn J See Thomas AMK

Lynn J See Thomas AMK

Lynn MD; Braunstein EM; Wahl RL; Shapiro B;
Gross MD; Rabbani R: bone metastases in
pheochromocytoma: comparative studies of
efficacy of imaging, (Radiology), 160: 701, 1986

Lynn MD; Shapiro B; Sisson JC; Beierwaltes WH;
Meyers LJ; Ackerman R; Mangner TJ;
pheochromocytoma and the normal adrenal
medulla: improved visualization with I-123
MIBG scintigraphy, (Radiology), 155: 789, 1985

Lyon J; Bookstein JJ; Cartwright CA; Romano A;
Heeney DJ; peliosis hepatis: diagnosis by
magnification wedged hepatic venography,
(Radiology), 150: 647, 1984

Lyon JW See vanSonnenberg E

Lyons AJ; Babajews AV; gigantiform

Lyons AJ; Babajews AV: gigantiform cementoma—unusual incidental finding, (Br J Radiol), 59: 277, 1986

Lyons BE See Samulski TV Lyons BE; Samulski TV; Britt RH: temperature measurements in high thermal gradients: I. effects of conduction, (Radiology), 157: 576,

Lyons DJ See Weisbrod GL Lyons EA: human epidemiological studies, (Ultrasound Med Biol), 12: 689, 1986

(Ultrasound Med Biol), 12: 689, 1986
Lyons J, Brooks N; Cattell M, et al: comparison of hexabrix 320 with conray 420 for left ventriculography in patients with coronary artery disease, (Kadiology), 153: 559, 1984
Lyons KP See Burnett KR
Lyons KP See Wu S-Y
Lyopens KCH See de Visser M

Lyritis G: developmental disorders of the proximal epiphysis of the hallux, (Radiology), 154: 562, 1985

Lysko JE; Guilford WB; Siegal GP; et al: case report 362, (Skeletal Radiol), 15: 268, 1986

## M

Ma H-K See Woo JSK Maas R See Brockmann WP

Maas R See Brockmann WP
Maass D; Zollikofer CL; Largadrer F; Senning A:
radiological follow-up of transluminally
inserted vascular endoprostheses: an
experimental study using expanding spirals,
(Radiology), 152: 659, 1984
Maatman Tj; Novick AC; Montague DK; et al:
radiation-induced cystitis following
intracavitary irradiation for superficial bladder
cancer, (Radiology), 151: 838, 1984
Maatman Tj; Novick AC; Tancinco BF; et al: renal
oncocytoma: diagnostic and therapeutic
dilemma, (Radiology), 158: 6267, 1985
Maayan C; Peleg D; Eyal F; et al: idiopathic infantile
arterial calcification: a case report and review of
the literature, (Radiology), 155: 553, 1985
McAdams HP; Johnson GA; Suddarth SA; et al:
histogram-directed processing of digital chest
images, (Invest Radiol), 21: 253, 1986
McAdams L See Han BK
McAfee JG See Pollack H

McAfee JG See Pollack H

McAfee JG See Pollack H
McAfee JG See Rosebrough SF
McAfee JG; Samin A: In-111 labeled leukocytes:
review of problems in image interpretation,
(Radiology), 155: 221, 1985
McAfee JG; Subramanian G; Gagne G: technique of
leukocyte harvesting and labeling: problems
and perspectives, (Semin Nucl Med), 14: 83,

McAfee JG; Thomas FD; Subramanian G; et al: detection of diffuse glomerular lesions in rats: I. comparisons of conventional radioactive agents, (J Nucl Med), 27: 502, 1986

() NACA MEDJ. 27: 302, 1906

McAfee JG; Thomas FD; Subramanian G; et al:
detection of diffuse glomerular lesions in rats:
II. comparison of indium-111 cationic small
macromolecules with technetium-99m DTPA, (J
Nucl Med), 27: 513, 1986

Nucl Med), 27: 513, 1986
McAlister WH See Jamroz GA
McAlister WH See Katz ME
McAlister WH See Kopen PA
McAlister WH See Middleton WD
McAlister WH See Picus D
McAlister WH See Picus D

McAlister WH See Winthrop JD
McAlister WH; Coe JD; Whyte MP:
macroepiphyseal dysplasia with symptomatic
osteoporosis, wrinkled skin, and aged
appearance: presumed autosomal recessive
condition, (Skeletal Radiol), 15: 47, 1986

McAlister WH; Siegel MJ: fatal aspirations in infancy during gastrointestinal series, (Radiology), 153: 274, 1984

McAlister WH; Siegel MJ; Shackelford GD; et al: intestinal perforations by tube feedings in small infants: clinical and experimental studies, (AJR), 145: 687, 1985

McAllister H See O'Riordan D McAllister VL See Pearson ADJ McAlpin G See Mariona F McAlpin J See Cadkin AV McAninch JW See Carroll PR McArdle C See Sussman S McArdle CB See Berk RN

McArdle CB; Amparo EG; Mirfakhraee M: MR imaging of orbital blow-out fractures, (JCA 10: 116, 1986 -out fractures, (JCAT),

10: Î16, 1986
McArdle CB; Crofford MJ; Mirfakhraec M; et al:
surface coil MR of spinal trauma: preliminary
experience, (AJNR), 7: 885, 1986
McArdle CB; Nicholas DA; Richardson CJ;
Amparo EG: monitoring of the neonate
undergoing MR imaging: technical
considerations: work in progress, (Radiology),
154: 922, 1986 159: 223 1986

159- 223, 1986 McArdle CB; Wright JW; Prevost WJ; Dornfest DJ; Amparo EG: MR imaging of the acutely injured patient with cervical traction, (Radiology), 159: 273, 1986 McArdle CR See Austin RM

Amparo EG: MR imaging of the acutely injured patient with cervical traction, (Radiology). 159: 273, 1986

McArdle CR See Austin RM

McArdle CR, Cohen W; Nickerson C; et al: use of ultrasound in evaluating problems and complications of genetic amniocentesis, (Radiology). 152: 564, 1984

McArdle GH See Wang Y

McAuley CE; Steed DL; Webster MW: arterial complications of total knee replacement, (Radiology). 152: 564, 1984

McArdle GH See Wang Y

McAuley CE; Steed DL; Webster MW: arterial complications of total knee replacement, (Radiology), 155: 274, 1985

McBain JC See Ch. de Crespigny L

McCain AH See Walker RM

McCain AH; Bernardino ME; Sones PJ Jr;

Berkman WA; Casarella W; varices from portal hypertension: correlation of CT and angiography, (Radiology), 154: 63, 1985

McCain AH; Vucinich JL; Hawkins J; Hawkins IF Jr: spiral exchange cannula for the occluded drainage catheter, (Radiology), 157: 543, 1985

McCail AR See Schneiderman DE

McCall IW See Harding JR

McCall IW See Horis JR

McCall IW See Horis JR

McCall IW See Olons JJG

McCall Um RW See Chong JJG

McCall Um RW See Fink SM

McCallum RW See Fink SM

McCallum RW See Fink SM

McCarton JP See Kneeland JB

McCarton JP See Kneeland JB

McCarton JP See Kneeland JB

McCarthy DM See Makler PT Jr

McCarthy LF; Matz S; Steiner GC; et al: periosteal ganglion: a cause of cortical bone erosion, (Radiology), 154: 556, 1985

McCarthy JF; Matz S; Steiner GC; et al: periosteal ganglion: a cause of cortical bone erosion, (Radiology), 157: 850, 1985

McCarthy JF See Weingarten MJ

McCarthy JF; Matz S; Steiner GC; et al: periosteal ganglion: a cause of cortical bone erosion, (Radiology), 157: 850, 1985

McCarthy JF See Weingarten MJ

McCarthy KF; Hoses DC; Zibreg JW; et al: painless fibro-osseous lesion of the rib resembling onteoid osteoma: report of six cases, (Radiology), 157: 850, 1985

McCarthy KF; Hoses DC; Zibreg JW; et al: painless fibro-osseous lesion of the rib resembling onteoid osteoma: report of six cases, (Radiology), 157: 850, 1985

McCarthy KF; Velchik M

obstetrics and gynecology, (Magn Res Imag), 4: 59, 1986

McCarthy S; Hricak H; Cohen M; Fisher MR; Winkler MI; Filly RA; Margulis AR: cholecystilis: detection with MR imaging, (Radiology), 158: 333, 1986

McCarthy S; Moss AA: use of flow-rate injector for contrast-enhanced computed tomography, (Radiology), 151: 800, 1984

McCarthy S; Fellegrini CA; Moss AA; et al: pleuropancreatic fistula: endoscopic retrograde cholangiopancreatography and computed tomography, (AR), 142: 1151, 1984

McCarthy S; Tauber C; Gore J: female pelvic anatomy: MR assessment of variations during the menstrual cycle and with use of oral contraceptives, (Radiology), 160: 119, 1986

McCarthy SJ See Taus RH

McCarthy SM See Damas BE

McCarthy SM See Mark AS

McCarthy SM; Barnes D; Deveney K; et al: detection of recurrent rectosigmoid carcinoma: prospective evaluation of CT and clinical factors, (AJR), 144: 577, 1985

McCarthy SM; Filly RA; Stark DD; et al: magnetic resonance imaging of fetal anomalies in utero: early experience, (AJR), 145: 677, 1985
McCarthy SM; Filly RA; Stark DD; Hricak H;
Brant-Zawadzki M; Callen PW; Higgins CB: obstetrical magnetic resonance imaging: fetal anatomy, (Radiology), 154: 427, 1985
McCarthy SM; Stark DD; Filly RA; Callen PW; Hricak H; Higgins CB: obstetrical magnetic resonance imaging: maternal anatomy, (Radiology), 154: 421, 1985
McCarthy SM; Stark DD; Higgins CB: demonstration of the fetal cardiovascular system by MR imaging, (ICAT), 8: 1168, 1984
McCarthy TM See Peters ME
McCartny WH See Curnes JT

McCarthy TM See Peters ME
McCartney WH See Mittelstaedt CA
McCartney WH See Mittelstaedt CA
McCartney WH See Wincent LM
MacCarty RL See Butch RJ
MacCarty RL: cholangiocarcinoma complicating
primary sclerosing cholangitis:
cholangiographic appearances: reply,
(Radiology), 158: 856, 1986
MacCarty RL: LaRusso NF; May GR; Bender CE;
Wiesner RH; King JE; Coffey RJ;
cholangiocarcinoma complicating primary
sclerosing cholangitis: cholangiographic
appearances, (Radiology), 156: 43, 1985
McCauley D See Heelan RT
McCauley D See Leitman BS
McCauley DI See Hulnick DH
McCauley DI See Naidich DP

McCauley DI See Naidich DP McCauley DI See Rafii M

McCauley DI See Rafii M
McCauley J See Torvaldsen S
McCauley RGK See Leonidas JC
McCauley RGK; Labib KB: diaphragmatic paralysis
evaluated by phrenic nerve stimulation during
fluoroscopy or real-time ultrasound,
(Radiology, 153: 33, 1984
Macchi PJ; Grossman RI; Gomori JM; et al: high
field MR imaging of cerebral venous
thrombosis, (ICAT), 10: 10, 1986
Macchi G See Ruelle A

Macchi PJ; Grossman RI; Gomori JM; et al: high field MR imaging of cerebral venous thrombosis. (ICAT). 10: 10, 1986

Macchia G See Ruelle A

Macchia RJ See Dunn EK

McClain CJ See Potter T

McClatchey KD See Amendola BE

McClatchey KD See Amendola BE

McClatchey KD See Vernick DM

McClees EC See Fajman WA

McClees EC See Hajman WA

McClees EC See Malko JA

McClees EC; Gedgaudas-McClees RK: screening for diffuse and focal liver disease: the case for hepatic scintigraphy. (Radiology), 153: 267, 1984

McCleland RA See Laderoute KR

McClelland RA See Panicucci R

McClennan BL See Heiken JP

McClennan BL See Heiken JP

McClennan BL See Histen JP

McClennan BL See Histen JP

McClennan BL See Picus D

McClennan BL See Picus D

McClennan BL See St. Amour TE

McClennan BL See See St. Amour TE

McClennan BL See See St. Mister McClennan BL See Madsworth DE

McClennan BL See Wadsworth DE

McClennan BL; Ling D; Rholl KS; et al: urography with a low osmolality contrast agent: comparison of Hexabrix with Contray 325, (Invest Radiology), 150: 285, 1986

McClure PSee Pettersson H

McClure RD; Hricak H: magnetic resonance imaging: its application to male infertility, (Radiology), 160: 285, 1986

McClure RD; Hricak H: scrotal ultrasound in the infertile man: detection of subclinical unilateral and bilateral varicoceles, (Radiology), 160: 858, 1986

McComb BL See Kyser PL

McComb BL See Kyser PL McComb BL See Ramirez H Jr McComb JG See Zee C-S McComb RD See Hahn FJ

McConkey JP See Li DKB McConnel FMS; Duck SW; Hester TR: hypopharyngeal stenosis, (Radiology), 156: 280, 1985

McConnell JD; Sagalowsky AI; Lewis SE; et al: prospective evaluation of renal allograft dysfunction with <sup>99m</sup>technetium-

oystunction with zmechnetum-diethylenetriaminepentaacetic acid renal scans, (Radiology), 154: 571, 1985 McCook TA See Johnson DG McCord CD See Nunery WR McCord G See Hayden CK Jr McCord G See Hayden CK Jr McCordell SJ See Lewall DB

McCorkell SJ: unintended percutaneous aspiration of pulmonary echinococcal cysts, (AJR), 143: 123, 1984

123, 1984
McCorkell SJ; Harley JD; Morishima MS; et al: indications for angiography in extremity trauma, (AJR), 148: 1245, 1985
McCorkell SJ; Lewall DB: computed tomography of intracerebral echinococcal cysts in children, (JCAT), 9: 514, 1985

McCorkell SJ; Niles NL: fine-needle aspiration of catecholamine-producing adrenal masses: possibly fatal mistake, (AJR), 145: 113, 1985
McCorkell SJ; Ohlson A; Probst F: cebocephaly:
CT and sonographic findings, (AJNR), 6: 647,

1985

McCormack J; Peyster RG; Brodner RA; et al: CT visualization of ruptured Berry aneurysm within hematoma: flip-flop sign, (JCAT), 10: 28,

McCormack PM See Heelan RT

McCormack PM See Heelan RT
McCormich M See Du Toit DF
McCormich GS See Ahmadi J
McCort JJ See Mindelzun RE
McCort JJ: acute abdomen: introduction,
(Radiographics), 5: 257, 1985
McCort JJ: Radiological Society of North America,
seventy-second scientific assembly and annual
meeting, McCort McCormick Place, Chicago, Illinois,
(Radiology), 160: 565, 1986
McCort JJ: RSNA Research and Education Fund:
exciting step into the future, (Radiology), 154:
541, 1985
McCort II: search committee for an editor.

541, 1985 McCort JJ: search committee for an editor, (Radiology), 151: 532, 1984 McCort JJ: William R. Eyler, M.D., (Radiology), 157: 829, 1985

829, 1985
MCCort JJ; Siegelman SS: note of thanks,
(Radiology), 161: 845, 1986
McCowan TC See Ferris EJ
McCowin M See Webb WR
McCowin MJ; Federle MP: computed tomography
of pancreatic pseudocysts of the duodenum,
(AJR), 145: 1003, 1985

of pancreatic pseudocysts of the duodenum,
(A)R), 145: 1003, 1985

McCoy R See Maravilla KR
McCoy R See Gomes AS
McCoy R See Bidula MR
McCracken S See Bowerman RA
McCracken S See Paskins-Hurlburt AJ
McCracken S See Paskins-Hurlburt AJ
McCracken S; Jongeward R; Silver TM; Jafri SZH:
gastric trichobezoar: sonographic findings,
(Radiology), 161: 123, 1986
McCrary JA III See Lavin PJM
McCrea ES See Whitley NO
McCready R See Bomber P
McCready VR See Brown AP
McCready VR See Brown AP
McCready VR See Khan O
McCready YR See Khan O
McCready See Khan 511, 1986

511, 1986

McCullough RW; Moonan D; Schatz S; et al:
congenital spleen thinning mimicking a spaceoccupying lesion, (Clin Nucl Med), 11: 262, 1986

McCune WJ See Aisen AM

McDaniel D See Foley WD

McDaniel DL See Cohen G

McDaniel EC See Zelenik ME

McDermott JC See Bennett LN

McDermott JC See Bennett LN

McDermott JC See Starck EE

McDermott JC See Oegeli DR

McDermott JC, Starck EE

McDermott JC, Starck EE; Crummy AB: road map
application to the pulseless common femoral

application to the pulseless common femoral artery, (Cardiovasc Intervent Radiol), 9: 109, 1986

McDermott WV See Rich TA
McDicken WN: versatile test-object for the
calibration of ultrasonic Doppler flow
instruments, (Ultrasound Med Biol), 12: 245,

1986
McDickens IW See Stamp GWH
Macdonald A See Legge M
Macdonald AC See Lamki L
McDonald CF; Walbaum PR; Sircus W; et al:
intrapleural perforation of peptic ulcer in
association with diaphragmatic hernia,
(Radiology), 157; 279, 1985
McDonald GA See Lenz RP
McDonald GB; Sullivan KM; Plumley TF:
radiographic features of esophageal
involvement in chronic graft-vs.-host disease,
(AJR), 142: 501, 1984 (AIR), 142: 501, 1984

MacDonald HL; Bell BA; Smith MA; et al: correlation of human NMR T<sub>1</sub> values measured in vivo and brain water content, (Br J Radiol), 59: 355, 1986

355, 1986
MacDonald JS See Smales E
McDonald PT See Orecchia PM
McDonnell DE See Klara PM
McDonnell P; Miller NR: chiasmatic and

hypothal miller NR: chiasmatic and hypothal miller

McDowell HP; Fielding DW: traumatic perforation of the hypopharynx—an unusual form of abuse, (Radiology), 155: 551, 1985
McDowell J See Roizin-Towle L
McDowell JR; LeBlanc HJ: computed tomographic findings in Wernicke-Korsakoff syndrome, (Radiology), 153: 854, 1984
Mace AH See Higgins WL
McElven TJ Ir See Lo WWM
McElvein RB See Breatnach ES
McElvein RB See Breatnach ES
McElvein RB See Han SY
McEnery P See Babcock DS
McEnery P See Babcock DS
McEnery P See Bovis TL
MacErlean DP See O'Riordan D
MacErlean DP See O'Riordan D
MacErlean DP; Gibney RG: radiological
management of abdominal abscess, (Radiology),
150: 297, 1984
McEwan AJ; Shapiro B; Sisson JC; et al: radio-

McEwan AJ; Shapiro B; Sisson JC; et al: radio-iodobenzylguanidine for the scintigraphic location and therapy of adrenergic tumors, (Semin Nucl Med), 15: 132, 1985

(Semin Nucl Med), 15: 132, 1985
MacEwan DW: annual oration 1984. tribute to
Donald L. McRae, M.D., and Albert J. Jutras,
M.D., (Radiology), 156: 1, 1985
MacEwan DW: president's address: equilibrium of
medical and radiology services in Manitoba,
(Radiology), 156: 289, 1985
MacEwan DW: Radiological Society of North
America Seventieth Scientific Assembly and
Annual Meeting, Washington Convention
Center, Washington, DC, (Radiology), 152: 541,
1984

MacEwan DW: radiology workload system for diagnostic radiology, (Radiology), 150: 857, 1984 MacEwen GD See Mandell GA MacEwen GD See Morin C

MacEwen GD See Mandell GA
MacEwen GD See Morin C
Macey DJ; DeNardo GI; DeNardo SJ; et al:
comparison of low- and medium-energy
collimators for SPECT imaging with iodine-123labeled antibodies, (J Nucl Med), 27: 1467, 1986
MacFall JR See Bellaniuk LT
MacFall JR See Bilaniuk LT
MacFall JR See Bobman SA
MacFall JR See Bolarius RH
MacFall JR See Riederer SJ
MacFall JR See Wehrli FW
McFarland E See Edelman RR
McFarland EW; Koutcher JA; Rosen BR; et al: in
vivo <sup>19</sup>F NMR imaging, (JCAT), 9: 8, 1985
McFarland EW; Rosen BR: NMR instrumentation
and hardware available at present and in the
future, (Cardiovasc Intervent Radiol), 8: 238,
1986

McFarlane DV See Baines Cl

McFarlane DV See Baines CJ
McFarlane DV See Hebert G
Macfarlane JD See Sartoris DJ
McGahan JP See Anderson MW
McGahan JP See Corsos RC
McGahan JP See Klein B
McGahan JP See EL L
McGahan JP See Lindfors KK
McGahan JP See Livoni JP
McGahan JP See Livoni JP
McGahan JP See Myracle MR
McGahan JP See Myracle MR
McGahan JP See Welter JP
McGahan JP See Wignes Welter JP
McGahan JP See Wignes Welter JP
McGahan JP See Walter JP

the intensive care unit: percutaneous sonographic guidance, (Radiology), 154: 531, 1985

Stongraphing guidantee, Victationlysy, 1594; 591;

McGahan JP: laboratory assessment of ultrasonic needle and catheter visualization, (J Ultrasound Med), 5: 373, 1986

McGahan JP: percutaneous biopsy and drainage procedures in the abdomen using a modified coaxial technique, (Radiology), 153: 257, 1984

McGahan JP; Benson D; Chehrazi B; et al: intraoperative sonographic monitoring of reduction of thoracolumbar burst fractures, (AJNR), 6: 787, 1985

McGahan JP; Benson D; Chehrazi B; et al: intraoperative sonographic monitoring of reduction of thoracolumbar burst fractures, (AJR), 145: 1229, 1985

McGahan JP; Ellis WG; Budenz RW; Walter JP; Boggan JE: brain gliomas: sonographic

Boggan JE: brain gliomas: sonographic characterization, (Radiology), 159: 485, 1986 McGahan JP; Hasselsin HC; Meyers M; et al: sonographic recognition of in utero intraventricular hemorrhage, (AJR), 142: 171,

1984
McGahan JP; Myracle MR: adrenal hypertrophy:
possible pitfall in the sonographic diagnosis of
renal agenesis, (J Ultrasound Med.), 5: 265, 1986
McGahan JP; Phillips HE: ultrasonic evaluation of
the size of the trigone of the fetal ventricle,
(Radiology), 151: 835, 1984
McGahan JP; Phillips HE; Stadalnik RC; et al:
ultrasound and radionuclide biliary scanning in
acute pediatric abdominal pain, (Radiology),
151: 549, 1984
McGahan JP; Schneider JM: fetal neck

151: 549, 1984
McGahan JP; Schneider JM: fetal neck
hemangioendothelioma with secondary
hydrops fetalis: sonographic diagnosis, (JCU),
14: 384, 1986
McGahan JP; Walter JP: diagnostic percutaneous
aspiration of the gallbladder, (Radiology), 155:
619, 1985

McGahan JP; Walter JP; Bernstein L: evaluation of the parotid gland: comparison of sialography, non-contrast computed tomography, and CT sialography, (Radiology), 152: 453, 1984
McGarry KM See Lakhani ZM
McGarry FA See Garcia CA
McGail CW See Pokorny W
McGill DB See Kerlin P
McGill DB See Kerlin P
McGill DB See Welch TJ
McGill JS ee Hall VL
MacGillivray MH See Anderson SW
MacGillivray MH See Lindsay AN
McGillivray MH See Lindsay AN
McGinnis BD See Meyer JE
McGinnis BD See Hesselink JR
McGinnis BD; Brady TJ; New PFJ; et al: nuclear
magnetic resonance (NMR) imaging of tumors
in the posterior fossa, (Radiology), 151: 829,
1984 1984
McGonigal D See Rubenstein JD
McGough E See Fee H
McGough FS See LeRoy AJ
McGrath B See Kalff V
McGrath EC See Machi J McGrath EC See Machi J
McGrath J See Grossman RI
McGrath J T See Hackney DB
McGravey V See Meyer K
McGregor IA See Robertson AG
McGregor JC; Butler P: disc calcification in
childhood: computed tomographic and
magnetic resonance imaging appearances, (Br J
Radiol), 59: 180, 1986 MacGregor JH; Samuelson WM; Sane DC; Godwin JD: opportunistic lung infection caused by rhodococcus (corynebacterium) equi, (Radiology), 160: 83, 1986 160: 83, 1986
McGuffin RW See Larson SM
McGuinness GA See Myers MG
MacGuire A See Aisen AM
McGuire EL See Williamson MR
McGuire EL; Balachandran S; Boyd CM: radiation
dosimetry considerations in the treatment of dosimetry considerations in the treatment of cystic suprasellar neoplasms, (Br J Radiol), 59: 779, 1986 MacGuire MH See English RE McGuire MH See Sundaram M McGuire W See Cohen MD McGurk M; Goepel JR; Hancock BW: extranodal lymphoma of the head and neck: review of 49 consecutive cases, (Radiology), 158: 861, 1986 Machae I See Horowitz SF Machac J See Horowitz SF
Machac J; Levin H; Balk E; et al: computer modeling of planar myocardial perfusion imaging: effect of heart rate and ejection fraction on wall thickness and chamber size, (J Nucl Med), 27: 653, 1986 Machaj V See Peterson MB
Machan L; Muller NL; Cooperberg PL: sonographic diagnosis of Klatskin tumors, (AJR), 147: 509, Machen BC See Zagoria RJ Machen BC; Brogdon BG: intraprocedural passage of an obstructing ureteral calculus, (CT), 10: 135, 1986 Macher AM See Jacobs DH

Macher AM See Jacobs DH
Machi J See Beiter JC
Machi J See Ramos JR
Machi J See Sigel B
Machi J See Sigel B
Machi J See Sigel B; McGrath EC; et al: operative
ultrasonography in the biliary tract during
pregnancy, (Radiology). 156: 570, 1986

Machi J; Sigel B; Spigos DG; et al: experimental
assessment of imaging variables associated with
operative ultrasonic and radiographic
cholangiography, (Radiology), 153: 280, 1984
Machi J; Takeda J; Sigel B; Kakegawa T: normal
stomach wall and gastric cancer: evaluation with
high-resolution operative US, (Radiology), 159:
85, 1986

Machida K; Makita K; Nishikawa J; et al: scintigraphic manifestation of fibrous dysplasia, (Clin Nucl Med), 11: 426, 1986 (Clin Nucl Med), 11: 426, 1986
Machida T See Araki T
Machin JE See Araki T
Machin JE See Heischer AC
Machleder HI See Driscoll SHM
McHugh MI See MacMillan JC
McHugh TA See Lee F
Machulla H-J; Knust EJ: <sup>123</sup>labeled fatty acids for
functional diagnosis of the myocardium,
(Radiology), 154: 571, 1985
McIlrath EM See Laird JD
McIntosh DME: breast light scanning: a real-time

McIntosh DMF: breast light scanning: a real-time breast imaging modality, (Radiology), 153: 271, 1984 McIntyre W See Jarvis J McIntyre W See Jarvis J
MacIntyre WJ See Detrano R
MacIntyre WJ See Feiglin DH
MacIntyre WJ See George CR
MacIntyre WJ See Go RT
MacIntyre WJ See Ross JS
MacIntyre A See Cough NP

McIrvine A See Couch NF McIvor J See Minton MJ McIvor J See Powell-Tuck J Mack LA See Blumhagen JD Mack LA See Cyr DR
Mack LA See Haynor DR
Mack LA See Haynor DR
Mack LA See Kleiner B
Mack LA See Kleiner B
Mack LA See Montana MA
Mack LA See Montana MA
Mack LA See Rifkin MD
Mack LA See Rifkin MD
Mack LA See Schoenecker SA
Mack LA See Schoenecker SA
Mack LA See Shuman WP
Mack LA See TeKolste KA
Mack LA; Matsen FA III; Kilcoyne RF; Davies PK;
Sickler ME: US evaluation of the rotator cuff,
(Radiology), 157: 205, 1985
MacKay CJ; Abramson DH; Ellsworth RM:
metastatic patterns of retinoblastoma,
(Radiology), 153: 570, 1984
McKay CR See Reid CL
McKay I See McKillop JH
Mackay IG See Kenney IJ
Mackay IG See Sellar RJ
MacKay IM; Bydder GM; Young IR: MR imaging of
central nervous system tumors that do not
display increase in Ti. Or 72 (ICAT) 9: 1055

central nervous system tumors that do not display increase in T1 or T2, (JCAT), 9: 1055, 1985

McKay R See Brown KA McKay R See Brown KA
Mackay RJ See Butt W
Macke JC See Karus RA
Macke R See Kaplan PA
McKee JD See Arenson AM
McKee JD See Saibil EA
MacKeen AD See Gordon JD
McKendry JM See Bendall MR
McKenn EL Jr; Holmes WF; Harwick R: primary
melanoma of the middle ear, (Radiology), 156:
862, 1985

862, 1985
McKenna M See Fitzgerald TJ
McKenna R See Wallace MJ
McKenna R See Wallace MJ
McKenna R J Jr See Libshitz HI
McKenna RJ Jr See Souba WW
McKenna RJ Jr, Campbell A; McMurtrey MJ; et al:
diagnosis for interstitial lung disease in patients
with acquired immunodeficiency syndrome
(AIDS): prospective comparison of bronchial
washing, alveolar lavage, transbronchial lung
biopsy, and open-lung biopsy, (Radiology), 160:
571, 1986
McKenna RJ Ir: Havnis TP, Libelia LH.

McKenna RJ Jr; Haynie TP; Libshitz HI; et al: critical evaluation of the gallium-67 scan for surgical patients with lung cancer, (Radiology), 157: 287, 1985

McKenna RJ Jr; Libshitz HI; Mountain CE; et al:

surgical patients with lung cancer, (Radiology), 157: 287, 1985

McKenna RJ Jr, Libshitz HJ, Mountain CE; et al: roentgenographic evaluation of mediastinal nodes for preoperative assessment in lung cancer, (Radiology), 158: 565, 1986

McKenzie E See Fowlie F

Mackenzie JR See Gundry SR

McKenzie E See Fowlie F

Mackenzie JR See Gundry SR

McKenzie See Jessen WD

McKenzie See Jessen WD

McKenzie See Jessen WD

McKerzie See Jessen WD

McKerzie JS See Jessen WD

McKerzow J See Goldberg HI

Mackey JS See Jessen SR

Mackey WC See O'Donnell TF Jr

Mackiel JS See Dawson P

McKillop JH; McKay J; Cuthberg GF; et al: scintigraphic evaluation of the painful prosthetic joint a comparison of gallium-67 citrate and indium-11 labeled leucocyte imaging, (Radiology), 154: 285, 1985

McKillop JH; Maharaj D; Boyce BF; Fogelman I: bone scan appearances following biopsy of bone and bone marrow, (Radiology), 153: 241, 1984

Mackinlay GA See Kenney JJ

McKinnay JA See Ashby MA

McKinney M See Boren SR

McKinney TD; Rommel AJ; Sugerman AA: pharmacokinetics, metabolism, and excretion of iopamidol in healthy subjects, (Radiology), 155: 34, 1985

McKinight RC See Gutierrez FR

McKunick KA See Miller DD

549, 1985
McKnight RC See Gutierrez FR
McKusick KA See Miller DD
McKusick KA See Pile-Spellman JM
McKusick KA See Pile-Spellman JM
McKusick KA See Rabinowitz SA
McKusick M See Vade A
McKusick M See Mafee MF
Maclachlan AK; Gerrard JW; Houston CS; et al:
familial infantile cortical hyperostosis in a large
Canadian family, (Radiology), 154: 276, 1985
McLachlan DRC See Wisniewski KE
MacLarnon JC See Wisniewski KE
MacLarnon JC See Wisniewski KE
MacLarnon JC See Wisniewski WE
McMacLarnon JC See Wisniewski WE
MacLarnon JC See Wisniewski WE
McMacLarnon JC See Wisniewski WE
MacLarnon JC See Wisniewski WE
McMacLarnon JC See Wisniewski WE
MacLarnon JC See Wisniewski WE
MacLarnon

endoscopic retrograde choledochopancreatography (ERCP) in the diagnosis of internal fistulae complicating severe acute pancreatitis, (Radiology), 157: 849,

McLaughlin AC See Renshaw PF McLaughlin AF See Singer I McLaughlin M See Badami JP McLaughlin SJ; Gray JG; Braithwaite M: diagnosis of a right iliac fossa mass by computed tomography. (Br J Radiol), 59: 623, 1986

McLean AM; Paul RE Jr; Philipps E; et al: chronic erosive gastritis—clinical and radiological features, (Radiology), 150: 854, 1984
McLean AM; Paul RE Jr; Philipps E; et al: chronic erosive gastritis resulting in cachexia, (Radiology), 150: 288, 1984
McLean GK See Alavi B
McLean GK See Alavi B
McLean GK See Svigals PJ
McLean GK; Meranze SG; Burke DR: enteric alimentation; radiologics anymorch (Radiology)

alimentation: radiologic approach, (Radiology), 160: 555, 1986

alimentation: radiologic approach, (Radiology), 160: 555, 1986

McLean CK; Stein EJ; Burke DR; Meranze SG: steel occlusion coils: pretreatment with thrombin, (Radiology), 158: 549, 1986

McLean RG See Choy D

McLean RG; Ege GN: prognostic value of axillary lymphoscintigraphy in breast carcinoma patients, (J Nucl Med), 27: 1116, 1986

McLeary RD; See Lee F

McLeary RD; Kuhns LR: sonographic evaluation of the distal femoral epiphyseal ossification center, (Radiology), 152: 866, 1984

McLeary RD; Kuhns LR; Barr M Jr: ultrasonography of the fetal cerebellum, (Radiology), 151: 439, 1984

McLelland J See Duncan W

McLelland R See Bird RE

McLelland R See Bird RE

McLelland R: mammography 1984: challenge to radiology, (AJR), 143: 1, 1984

McLendon RE See Foster WL Jr

McLendon RE See Foster WL Jr

McLendon RE See Foster WL Jr

McLendon RE See Wodoruff WW Jr

MacLennan FM; Foster MA; Smith FW; et al: measurement of total lung water from nuclear magnetic resonance images, (Br J Radiol), 59: 553, 1986

MacLennan KA: Hudson BV: Easterling MI: et al:

553, 1986

MacLennan KA See Hudson BV

MacLennan KA, Hudson BV; Easterling MJ; et al: presentation haemoglobin level in 1103 patients with Hodgkin's disease (BNLI report no. 21), (Radiology), 152: 844, 1984

McLeod AJ; Zornoza J; Shirkhoda A: leiomyosarcoma: computed tomographic findings, (Radiology), 152: 133, 1984

MacLeod PM: case report: juvenile xanthogranuloma of the iris managed with superficial radiotherapy, (Clin Radiol), 37: 295, 1986

1986
McLeod R See Levin M
McLeod RA See Bertoni F
McLeod RA See Cooper KL
McLeod RA See Cooper KL
McLeod RA See Schreiman JS
McLeod RA See Schreiman JS
McLeod RA See Werkes RG
McLeod RA See Zimmer WD
McLeod RA See JS, (Radiographics), 6: 504, 1986
McLone DG See Sholnik A
McLoud DG See Sholnik A
McLoud TC See Naidich TP
McLone DG See Sholnik A
McLoud TC See Were JS
McLoud TC See Were JS
McLoud TC See Meyer JE
McLoud TC See Shepard J-AO
McLoud TC See Shepard J-AO
McLoud TC See Spizarny DL
McLoud TC; Epler GR, Cuby TV; Gaensler EA;
Carrington CB: bronchiolitis obliterans,
(Radiology), 159: 1, 1986
McLoud TC; Woods BO; Carrington CB; et al:
diffuse pleural thickening in an asbestosexposed population: prevalence and causes,
(AJR), 144: 9, 1985
McLoughlin MJ See Vezina CT
McLoughlin MJ See Vezina CT McLeod R See Levin M

McLoughlin MJ See Vezina CT McLoughlin MJ: computed tomography in gynaecological malignancies, (Radiology), 151: 438, 1984

438, 1984

MacMahon H See Limpert J

MacMahon H See Vyborny CJ; Metz CE; Doi K;

Sabeti V; Solomon SL: digital radiography of
subtle pulmonary abnormalities: ROC study of
the effect of pixel size on observer performance,
(Radiology), 158: 21, 1986

McMannes T: odontoid hypoplasia, (Radiology),
152: 843, 1984

McManus F See Lynch D

152: 843, 1984
McManus F See Uynch D
McManus F See O'Brien TM
McMinus F See Ducatman BS
MacMillan JC; Scott SJ; McHugh MI; et al:
technetium-99m Medronate uptake in
subcutaneous soft-tissue nodules in a patient
with renal failure and renal adenocarcinoma,
(Br J Radiol), 59: 613, 1986
MacMillan RM; Rees MR; Maranhao V; et al: cinecomputed tomography of cor triatriatum,
(JCAT), 10: 124, 1986
McMillin K: computed tomography of
emphysematous cholecystitis, (JCAT), 9: 330,
1985
McMillin KI See Baker DE

McMillin KI See Baker DE
McMillin KI; Gross BH: CT demonstration of
peripelvic and periureteral non-Hodgkin
lymphoma, (AJR), 144: 945, 1985
McMillin T See Nov AA

McMonigle EM See Solti-Bohman LG McMurdo KK See von Schulthess GK McMurdo KK; de Geer G; Webb WR; Gamsu G: normal and occluded mediastinal veins: MR imaging, (Radiology), 159: 33, 1986

McMurdo KK; Webb WR; von Schulthess GK; et al: magnetic resonance imaging of the superior pericardial recesses, (AJR), 145: 985, 1985

McMurdo SK Jr, Brant-Zawadzki M; 3radley WG Jr; Chang GY; Berg BO: dural sinus thrombosis study using intermediate field strength MR imaging, (Radiology), 161: 83, 1986

McMurtrey M See Wallace MJ McMurtrey MJ See Libshitz HI McMurtrey MJ See McKenna RJ Jr McNair M See Hart SM McNamara CS See Puthawala AA McNamara DG See Rios B McNamara GR See DeSmet AA

McNamara M See Higgins CB McNamara MJ; Chalmers AG; Morgan M; et al: typhlitis in acute childhood leukaemia: radiological features, (Clin Radiol), 37: 83, 1986

McNamara MP Jr See Parulekar SG McNamara MT See Ehman RL McNamara MT See Higgins CB McNamara MT See Hricak H McNamara MT See Tscholakoff D

McNamara MT See Wesbey GE

McNamara MT; Brant-Zawadzki M; Berry I; Pereira B; Weinstein PR; Derugin N; Moore S; Kucharczyk W; Brasch RC; acute experimental cerebral ischemia: MR enhancement using Gd-DTPA, (Radiology), 158: 701, 1986

McNamara MT; Higgins CB: magnetic resonance imaging of chronic myocardial infarcts in man, (AJR), 146: 315, 1986

(A)R), 146: 315, 1986
McNamara MT; Higgins CB; Ehman RL; Revel D;
Sievers R; Brasch RC: acute myocardial ischemia: magnetic resonance contrast enhancement with gadolinium-DTPA, (Radiology), 153: 157, 1984

(Radiology), 153: 157, 1984

McNamara MT; Tscholakoff D; Revel D;
Soulen RL; Schechtmann N; Botvinick EH;
Higgins CB: differentiation of reversible and
irreversible myocardial injury by MR imaging
with and without gadolinium-DTPA,
(Radiology), 158: 765, 1986

McNamara TO; Fischer JR: thrombolysis of
peripheral arterial and graft occlusions:
improved results using high-dose urokinase,
(AJR), 144: 769, 1985

McNarw W See Rears GI

McNary WF See Beers GJ

McNary WF See Beers GJ

MacNaught R; Symonds RP; Hole D; et al:
improved control of primary vaginal tumours
by combined external-beam and interstitial
radiotherapy. (Clin Radiol), 37: 29, 1986

McNeely GF; Dickhaus AJ; Colella JP; Hawkins IF
JR: percutaneous transhepatic
choledochoenterostomy in a patient with a
biliary obstruction, (Radiology), 161: 274, 1986

Monel BL See Doubilat PM

McNeil BJ See Doubilet PM McNeil BJ See Tumeh SS

McNeil BJ: radiology department management system: technologists' costs: reply, (Radiology), 159: 566, 1986

McNeil BJ: value of bone scanning in neoplastic disease, (Semin Nucl Med), 14: 277, 1984 McNeil BJ: Hanley JA: statistical approaches to the analysis of receiver operating characteristic (ROC) curves, (Radiology), 155: 864, 1985

McNeil BJ; Sapienza A; Van Gerpen J; Sheriff CR; Gillis AE; Sack DJ; Komaroff AL: radiology department management system: technologists' costs, (Radiology), **156**: 57, 1985

McNeii BJ, Tihansky DP; Wennberg JE: use of medical radiographs: extent of variation and associated active bone marrow doses, (Radiology), 156: 51, 1985

McNeil Bj; Wijesinha A; Bynum TE; Greenes RA; Berenberg A; Van Houten FX; Ratnofsky S; Millan D; Abrams HL: selection criteria for upper gastrointestinal examinations: attempts at improvement, (Radiology), 150: 311, 1984

Macneil PB See Leppo JA McNeill JA; Llaurado JG: innocent intramural gastric uptake of gallium-67 in a case of AIDS, (Clin Nucl Med), 11: 123, 1986

McNeill TH; Koek LL; Brown SA; et al: effect of misonidazole on neurotransmitter systems, (Int J Radiat Oncol Biol Phys), 12: 1067, 1986

McNeill TW See Levine RS

McNeur JC: fractures of the femoral prosthesis after total hip replacement, (Radiology), 155: 852,

McNiesh LM See Lower RF McNiesh LM See Van Nostrand D Macon PF See Gonzalez AC Macones Al Ir See Levine MS

Macoviak JA See Lear JL

macoviak JA See Lear JL

Macovski A; Spielman D: in vivo spectroscopic
magnetic resonance imaging using estimation
theory, (Magn Res Med), 3: 97, 1986
Macpherson P See Graham DI
Macpherson P See Teasdale E

Macpherson P See Teasdale E
Macpherson P: comparison of iopamidol with three
other contrast media in orbital
venography/cavernous sinography,
(Radiology), 150: 293, 1984
Macpherson P; Teasdale E: comparison of iopamidol
with metrizamide in sub-occipital
ventriculography/cisternography, (Radiology),
150: 292, 1984

150: 292, 1984

Macpherson P; Teasdale E: radiculography with non-ionic contrast medium: routine bed rest is unnecessary, (Radiology), 154: 856, 1985

Macpherson P; Teasdale E; Macpherson PY: radiculography: is routine bed rest really necessary?, (Radiology), 150: 293, 1984

Macpherson PY See Macpherson P

McPherson R See Ho CS

Macpherson RI See Leithiser RE Jr

Macpherson BI: Kaufman IM: antegrade

Macpherson RI; Kaufman JM: antegrade pyelography in ureteric duplications with obstructed upper-segments, (Radiology), 152:

852, 1984
Macpherson RI; Leithiser RE Jr: upper airway
obstruction in children: an update,
(Radiographics), 5: 339, 1985
Macpherson RI; Leithiser RE Jr; Gordon L;
Turner WR: posterior urethral valves: update
and review, (Radiographics), 6: 753, 1986
McQuillen MP See Khatri BO
McRaw ID Seeson RE

MacRae KD See Law RG
McGweeney MB See Egan RL
McGweeney MB, Murphy CH: whole-breast
sonography, (Radiol Clin North Am), 23: 157,
1985

McSweeney MB; Small WC; Cerny V; Sewell W; Powell RW; Goldstein JH: magnetic resonance imaging in the diagnosis of breast disease: use of transverse relaxation times, (Radiology), 153:

of transverse relaxation times, (kadiology), 15
741, 1984
McSweeney Ti, injuries of the cervical spine,
(Radiology), 152: 843, 1984
McSweeney WJ See Fearon T
McVeigh ER See Kroeker RM
McVeigh MC; Merchut MP; Karesh SM;
Ghobrial MW; Dillehay DL: intracranial
tumors: unexpected uptake of 1-123 HIPDM,
(Radiology), 161: 409, 1986
McVerry BA See Auger MJ
McWade M See Garrett P
McWey RE See Woire LB
McWey RE See Woire LB
McWey RE See Cohn ER
McWilliams BJ See Cohn ER
McWilliams DR See Babcock DS
Maddahi J See Reisman S
Maddren L See ApSimon HT Maddren L See ApSimon HT Madeddu G; D'Ovidio NG; Casu AR; et al:

Madeddu G; D'Ovidio NG; Casu AR; et al:
evaluation of peritoneovenous shunt patency
with Tc-99m labeled microspheres, (Radiology),
151: 561, 1984
Madewell JE See Van Nostrand D
Madgar I See Morag B
Madigan SM; Teele RL: ultrasonography of the liver
and biliary tree in children, (Semin US CT MR),
5: 68, 1984

5: 68, 1984
Madison KC See Pennes DR
Madrazo BL See Alpern MB
Madrazo BL See Pearlberg JL
Madrazo BL See Sandler MA

Madrazo BL; Halpert RD; Sandler MA; Pearlberg JL: computed tomographic findings in penetrating peptic ulcer, (Radiology), 153: 751, 1984

Madrid G; Pardo J; Perez C; et al: neurofibroma of the oesophagus: case report, (Eur J Radiol), 6: 67,

Madsen EL See Davros WJ Madsen EL See Bavros WJ Madsen M See Ryttov N Madsen M See Mogensen NB Madsen MT See Intenzo CM Madsen MT See Thakur ML Maeda H See Konno T Maeda H See Maki S

Maeda H See Yumoto Y
Maeda K See Nakagawa N
Maeda K: policy statement of the Japanese Society
for Ultrasound in Medicine, (Ultrasound Med
Biol), 12: 716, 1986

Maeda K: studies on safety of diagnostic ultrasound, (Ultrasound Med Biol), 12: 693, 1986

Maeda M See Nouchi T
Maeda M See Yoshimura H
Maeda T; Yoshida H; Funabashi T; et al: subcostal 2dimensional echocardiographic imaging of
peripheral left coronary artery aneurysms in
Kawasaki disease, (Radiology), 151: 558, 1984

Maeda Y See Matsumoto T Maeda Y See Matsumoto T Maeda Y; Tani E; Nakano M; et al: plasma-cell granuloma of the fourth ventricle. case report, (Radiology), 154: 564, 1985

Maeda Y; Tani E; Nakano M; et al: plasma-cell granuloma of the fourth ventricle. case report, (Radiology), 154: 854, 1985 Maegaard KK See Rodenberg JC

Mafee MF See Deutsch EC Mafee MF See Friedman M Mafee MF See Michael AS

Matee MF See Schild JA
Mafee MF See Schild JA
Mafee MF: CT of the normal larynx, (Radiol Clin
North Am), 22: 251, 1984
Mafee MF; Aimi K; Kahen HL; Valvassori GE;
Capek V: chronic otomastoiditis: conceptual
understanding of CT findings, (Radiology), 160:
193, 1986

Mafee MF; Aimi K; Valvassori GE: computed tomography in the diagnosis of primary tumors of the petrous bone, (Radiology), 156: 862, 1985

Mafee MF; Folk ER; Langer BG; Miller MT; Lagouros P; Mittleman D: computed tomography in the evaluation of Brown syndrome of the superior oblique tendon sheath, (Radiology), 154: 691, 1985

Mafee MF; Henrikson GC; Deitch RL; Norouzi P; Kumar A; Kriz R; Valvassori GE: use of CT in stapedial otosclerosis, (Radiology), 156: 709, 1985

Mafee MF; Kumar A; Valvassori GE; et al: CT in the evaluation of the vestibulocochlear nerves and their central pathways: evaluation of neurotologic disorders, (Radiol Clin North Am), 22: 45, 1984

Mafee MF; Peyman GA: choroidal detachment and ocular hypotony: CT evaluation, (Radiology), 153: 697, 1984

133: 097, 1984
Mafee MF; Peyman GA; Grisolano JM;
Fletcher ME; Spigos DG; Wehrli FW; Rasouli F;
Capek V: malignant uveal melanoma and
simulating lesions: MR imaging evaluation,
(Radiology), 160: 773, 1986

Mafee MF; Peyman GA; McKusick MA: malignant uveal melanoma and similar lesions studied by computed tomography, (Radiology), 156: 403, 1985

Mafee MF; Pruzansky S; Corrales MM; et al: CT in the evaluation of the orbit and the bony interorbital distance, (AJNR), 7: 265, 1986 Mafee MF; Selis JE; Yannias DA; Valvassori GE; Pruzansky S; Applebaum EL; Capek V; congenital sensorineural hearing loss, (Radiology), 150: 427, 1984 Mafee MF; Singleton EL; Valvassori GE; Espinosa GA; Kumar A; Aimi K; acute otomastoiditis and its complications: role of CT, (Radiology), 155: 931, 1985 Mafee MF; Valvassori GE; Deitch RL; Norouzi P; Henrikson GC; Capek V; Applebaum EL: use of CT in the evaluation of cochlear otosclerosis. (Radiology), 155: 703, 1985 Mafee MF; Valvassori GE; Shugar MA; et al: high

Mafee MF; Valvassori GE; Shugar MA; et al: high resolution and dynamic sequential computed tomography. use in the evaluation of glomus complex tumors, (Radiology), 152: 261, 1984 Magalhaes A See Cerri GG

Magaram DL See Solti-Bohman LG

Magee BJ; Stout R: malignant epithelial tumours of the thymus: survival after radiotherapy, (Clin Radiol), 37: 273, 1986

Magee F; Wright JL; Kay JM; et al: pulmonary capillary hemangiomatosis, (Radiology), 158: 862, 1986

Maggio WM See Park TS Magid D See Fishman EK Magid D See Kuhlman JE Magid D See Yousem DM

Magid D; Fishman EK; Brooker AF Jr; et al: multiplanar computed tomography of acetabular fractures, (JCAT), 10: 778, 1986

Magid D; Fishman EK; Jones B; et al: desmoid tumors in Gardner syndrome: use of computed tomography, (AJR), 142: 1141, 1984

Magid D; Fishman EK; Scott WW Jr; Brooker AF Jr; Arnold WP; Lennox DW; Siegelman SS: femoral head avascular necrosis: CT assessment with multiplanar reconstruction, (Radiology), 157: 751, 1985

Magid D; Fishman EK; Siegelman SS: computed tomography of the spleen and liver in sickle cell disease, (AJR), 143: 245, 1984

Magill HL See Benator RM Magill HL See Brown D Magill HL See Fitch SJ

Magill HL See Orenstein SR Magill HL See Tonkin ILD

Magill HL; Clarke EA; Fitch SJ; Boulden TF; Ramirez R; Siegle RL; Somes GW: excretory urography with iohexol: evaluation in children, (Radiology), 161: 625, 1986

Magill HL; Roy S III; Stapleton FB: CT peritoneography in evaluation of pediatric dialysis complications, (AJR), 147: 325, 1986

Magill HL; Tonkin ILD; Bada H; et al: advantages of coronal ultrasonography in evaluating the neonatal retroperitoneum, (Radiology), 151: 823,

Magilner AD: esophageal atresia and hypertrophic pyloric stenosis: sequential coexistence of islease (case report), (AJR), 147: 329, 1986
Magin RL: Wright SM; Niesman MR; et al: liposome delivery of NMR contrast agents for improved tissue imaging, (Magn Res Med), 3: 440, 1986

Magistretti PL See Uren RI Maglinte DDT See Harned RK Maglinte DDT See Herlinger H

Maglinte DDT See Marnocha KE Maglinte DDT: balloon enteroclysis catheter, (AJR),

Maglinte DDT: reassessment of the routine double-

Maglinte DDT: reassessment of the routine double-contrast examination of the esophagus: reply, (Radiology), 150: 278, 1984

Maglinte DDT; Chernish SM; DeWeese R;
Kelvin FM; Brunelle RL: acquired jejunoileal diverticular disease: subject review, (Radiology), 158: 577, 1986

188: 577, 1986
Maglinte DDT; Elmore MF; Chernish SM:
enteroclysis in the diagnosis of chronic
unexplained gastrointestinal bleeding,
(Radiology), 157: 565, 1985
Maglinte DDT; Hall R; Miller RE; et al: detection of

surgical lesions of the small bowel by enteroclysis, (Radiology), 153: 268, 1984 Maglinte DDT; Lappas JC; Chernish SM; Anger RT Jr; Miller RE: flow artifacts in double-contast esophagography, (Radiology), 157: 535, 1985

Maglinte DDT; Lappas JC; Chernish SM; Sellink JL: intubation routes for enteroclysis, (Radiology), 158: 553, 1986

Maglinte DDT; Miller RE: comparison of pumps used for enteroclysis, (Radiology), 152: 815, 1984 Maglinte DDT; Miller RE: salvaging the failed pneumocolon: a simple maneuver, (AJR), 142:

719, 1984

Maglinte DDT; Miller RE; Chernish SM;
Lappas JC; early rectal tube removal for improved patient tolerance during double-contrast barium enema examination, (Radiology), 155: 525, 1985

Maglinte DDT; Miller RE; Lappas JC; radiologic diagnosis of occult incisional hernias of the small intestine, (AJR), 142: 931, 1984

Maglinte DDT; Peterson LA; Vahey TN; et al: enteroclysis in partial small bowel obstruction, (Radiology), 153: 560, 1984

Maglinte DDT; Strate RW; Strong RC; et al: effect

Maglinte DDT; Strate RW; Strong RC; et al: effect of barium enemas and barium sulfate on healing of colorectal biopsy sites, (Radiology), 152: 550,

Magnet W See Czermak H Magnusson K See von der Maase H Magrath IT See Krudy AG Magrina J See Koenigs KP Magruder-Habib K See Halvorsen RA Jr Maguire GQ Jr See Noz ME

Mah K; Poon PY; Van Dyk J; et al: assessment of acute radiation-induced pulmonary changes using computed tomography, (JCAT), 10: 736,

Mahan J See Day DL

Mahapatra S; Goldberg MJ; Ryan JM; et al: progressive extreme biatrial enlargement following mitral valve replacement, (Radiology), 152: 562, 1984 Maharaj D See McKillop JH

Mahboubi S: CT appearance of nidus in osteoid osteoma versus sequestration in osteomyelitis, (JCAT), 10: 457, 1986

Manboubi S; Caro PA: computed tomography in the evaluation of tubo-ovarian abscesses in children, (CT), 10: 67, 1986

Mahboubi S; Horstmann H: femoral torsion: CT measurement, (Radiology), 160: 843, 1986 Maher O See Mitchell IM

Maheshwari MC; Bhargava S: evaluation of peripartum strokes by computed tomography, (Radiology), 152: 257, 1984

Maheshwari R See Rajani M Mahieu P See Pringot J

Mahieu P: defaecography. description of a new method and its contribution in diagnosis, (Radiology), 153: 268, 1984

Mahler F See Probst P Mahmood T See De Smet AA Mahoney PD See Kelly RB Mahony BS See Baker ME Mahony BS See Cooper C Mahony BS See Hashimoto BE

Mahony BS See Hertzberg BS

Mahony BS See Hoddick WK Mahony BS See Nyberg DA Mahony BS See Siedler DE

Mahony BS See Silverman PM Mahony BS See Tamas DE

Mahony BS; Bowie JD; Killam AP; Kay HH;
Cooper C: epiphyseal ossification centers in the
assessment of fetal maturity: sonographic
correlation with the amniocentesis lung profile,
(Radiology), 159: 521, 1986

Mahony BS; Callen PW; Filly RA: distal femoral epiphyseal ossification center in the assessment of third-trimester menstrual age: sonographic identification and measurement, (Radiology), 155: 201, 1985

Mahony BS; Callen PW; Filly RA: fetal urethral obstruction: US evaluation, (Radiology), 157: 221, 1985

221, 1985

Mahony B5; Callen PW; Filly RA; Hoddick WK:
fetal cisterna magna, (Radiology), 153: 773, 1984

Mahony B5; Filly RA: high-resolution sonographic
assessment of the fetal extremities, (J

Ultrasound Med), 3: 489, 1984

Mahony BS; Filly RA; Callen PW: amnionicity and chorionicity in twin pregnancies: prediction using ultrasound, (Radiology), 155: 205, 1985

Mahony B5; Filly RA; Callen PW; et al: thanatophoric dwarfism with the cloverleaf skull: specific antenatal sonographic diagnosis, (J Ultrasound Med), 4: 151, 1985

thorn BS; Filly RA; Callen PW; Chinn DH; Golbus MS: severe nonimmune hydrops fetalis: sonographic evaluation, (Radiology), 151: 757, 1984

Mahony BS; Filly RA; Callen PW; Hricak H; Golbus MS; Harrison MR: fetal renal dysplasia sonographic evaluation, (Radiology), 152: 143,

Mahony BS; Filly RA; Nyberg DA; et al: sonographic evaluation of ectopic pregnancy, (J Ultrasound Med), 4: 221, 1985

Mahony BS; Jeffrey RB Jr; Laing FC: septa of bertin: a sonographic pseudotumor, (Radiology), 151: 833, 1984

Maier HC: craniopharyngioma with erosion and drainage into the nasopharynx: autobiographical case report, (Radiology), 157: 854, 1985

Maier W; Roscher R; Malfertheiner P; et al: pancreatic pseudocyst of the mediastinum: evaluation by CT, (Eur J Radiol), 6: 70, 1986

Mail JT See Benenati JF

Mail JT; Cohen MD; Mirkin LD; et al: response of osteosarcoma to preoperative intravenous high-dose methotrexate chemotherapy: CT evaluation, (A)R), 144: 89, 1985

Mailander J See Graves VB

Mailander JC: "black beard" sign of monostotic Paget's disease of the mandible, (Clin Nucl Med), 11: 325, 1986

Maile C See Goldberg ME Maile CW See Frick MP Maile CW See Schreiman JS

Maile CW; Frick MP; Crass JR; et al: plain abdominal radiograph in acute gastrointestinal graft-vs.-host disease, (AJR), 145: 289, 1985

Maile CW; Moore AV Jr; Ulreich S; et al: chest radiographic-pathologic correlation in adult leukemia patients, (Radiology), 152: 249, 1984

Maillet PJ, Pelle-Francoz D; Laville M; Gay F; Pinet A: nondilated obstructive acute renal failure: diagnostic procedures and therapeu management, (Radiology), 160: 659, 1986

Mailloux G; Bertrand M; Stampfler R; et al: computer analysis of echographic textures in Hashimoto disease of the thyroid, (JCU), 14: 521,

Maini CL See Incalzi RA Maiorana A See Preziosi P Maisel RH See Rothstein J Maisey MN See Ayres JG Maitland CG See Tucci JM Maiza D See Courtheoux P

Majd M; Kass EJ; Belman AB: radionuclide cystography in children: comparison of direct (retrograde) and indirect (intravenous) techniques, (Radiology), **158**: 288, 1986

Majid OA; Lee S; Khushalani S; et al: response of atelectasis from lung cancer to radiation therapy, (Int J Radiat Oncol Biol Phys), 12: 231,

Majors AW See Ng TC

Majumdar S; Orphanoudakis SC; Gmitro A; et al: errors in the measurements of T<sub>2</sub> using multiple-echo MRI techniques. I. effects of radiofrequency pulse inperfections, (Magn Res Med), 3: 397, 1986

Majumdar S; Orphanoudakis SC; Gmitro A; et al: errors in the measurements of T<sub>2</sub> using multiple-echo MRI techniques. II. effects of static field inhomogeneity, (Magn Res Med), 3:

Mak B See Jakimowicz JJ

Makarainen H; Paivansalo M; Hyrynkangas K; et al: sonographic patterns of carotid body tumors, (JCU), 14: 373, 1986

Maki DG See Pirsch JD

Maki S; Konno T; Maeda H: image enhancement in computerized tomography for sensitive diagnosis of liver cancer and semiquantitation of tumor selective drug targeting with oily contrast medium, (Radiology), 158: 566, 1986

Makimoto K See Tamada A Makinen E See Parvinen LM Makita K See Itai Y Makita K See Machida K Makita K See Ohtomo K

Maklad NF See Balsara VI Maklad NF See Balsara VJ
Makler PT, McCarthy DM; Bergey P; et al:
multiple-hospital survey of ejection-fraction
variability using a cardiac phantom,
(Radiology), 158: 573, 1986
Makler PT Jr See Feldman N
Makler PT Jr See Wishkin J

Makler PT Jr; McCarthy DM; Velchik MG; et al: Fourier amplitude ratio: a new way to assess valvular regurgitation, (Radiology), 151: 276,

Makler PT Jr; Sherwin N; McCarthy DM; et al: detection of sclerosing adenosis of the breast on a thallium scan, (Radiology), 154: 862, 1985

Makowka L See Cobourn C Makuuchi M See Takayasu K

Makuuchi M See Takayasu K
Makuuchi M; Hasegawa H; Yamazaki S;
Moriyama N; Takayasu K; Okazaki M: primary
Budd-Chiari syndrome: ultrasonic
demonstration, (Radiology), 152: 775, 1984
Makuuchi M; Sukigara M; Mori T; Kobayashi J;
Yamazaki S; Hasegawa H; Moriyama N;
Takayasa K; Hirohashi S: bile duct necrosis:
complication of transcatheter hepatic arterial
embolization, (Radiology), 156: 331, 1985
Malaise EP; Fertil B; Chavaudra N; et al:
distribution of radiation sensitivities for human

distribution of radiation sensitivities for human tumor cells of specific histological types: comparison of in vitro to in vivo data, (Int J Radiat Oncol Biol Phys), 12: 617, 1986

Malanson D See Shapir J Malat J See Palestro CJ Malatack JJ See Zajko AB Malatesta V See Corbetti F Malawar MM See Hall RB Malchow-Moller A See Matzen P Malczak HT See Stocker JT Maldague B See Malghem J Malefijt JdW See Lemmens JAM Malenbaum BT See Postma D Malfertheiner P See Maier W

Malghem J; Maldague B: transient fatty cortical defects following fractures in children, (Skeletal Radiol), 15: 368, 1986

Malhotra CM See Parker VS

Malliotra CM, Balko A; Wincze JP; Bansal S; Susset JG: cavernosography in conjunction with artificial erection for evaluation of venous leakage in impotent men, (Radiology), 161: 799, Mali WPTM See Puillaert CBAI

Mali WPTM; Dei Puijlaert CBAJ
Mali WPTM; Oei HY; Arndt JW; et al:
hemodynamics of the variocele, part 1:
correlation among the clinical, phlebographic,
and scintigraphic findings, (Radiology), 160:
858, 1986

Mali WPTM; Oei HY; Arndt JW; et al: hemodynamics of the variocele, part 2: correlation among the results of renocaval pressure measurements, varicocele scintigraphy, and phlebography, (Radiology), 160: 858, 1986 Malik S See Dershaw DD

Malin SW; Baumgart S; Rosenburg HK; et al: nonsurgical management of obstructive aortic thrombosis complicated by renovascular hypertension in the neonate, (Radiology), 157: 282, 1985

Malin SW: Bhutani VK: Ritchie WW: et al: echogenic intravascular and hepatic microbubbles associated with necrotizing enterocolitis, (Radiology), 152: 255, 1984

Malinak LR See Malini S Malini S; Valdes C; Malinak LR: sonographic diagnosis and classification of anomalies of the female genital tract, (Radiology), 155: 557, 1985

female genital tract, (Radiology), 155: 557, 1985
Maliwan N See Zvetina JR
Malkavi H, Tarawneh M: whistling face syndrome,
or craniocarpotarsal dysplasia. report of a father
and son and review of the literature,
(Radiology), 151: 264, 1984
Malko JA See Braun IF
Malko JA; McClees EC; Braun IF; et al: flexible
mercury-filled surface coil for MR imaging,
(AJNR), 7: 246, 1986
Malko JA; Van Heertum RL; Gullberg GT; et al:
SPECT liver imaging using an iterative
attenuation correction algorithm and an
external flood source, (J Nucl Med), 27: 701,
1986 1986

Mall JC See Burke VD Mallard JR See Runge VM
Mallens WMC; Nijhuis-Heddes JMA; Bakker W:
calcified lymph node metastases in
bronchioloalveolar carcinoma, (Radiology), 161:
103, 1986

Mallett E See Pochaczevsky R Mallikarjunaiah GS; Solomon B; Ramamurthy BS: lateral displacement of the bladder, (Australas Radiol), 30: 46, 1986

Mallikarjunaiah GS; Solomon B; Reddy DG: double bladder (report of two unusual cases), (Australas Radiol), 30: 51, 1986

Malloy CR See Rehr RB Malmud LS See Knight LC Malmud LS See Maurer AH

Malmud LS See Siegel JA
Malnor MD; Houston LW; Strother CM; Turski PA;
Sackett JF; Boyer M: iotrol versus metrizamide
in lumbar myelography: double-blind study,
(Radiology), 158: 845, 1986

(Radiology), 158: 845, 1986
Malone LA See O'Brien TM
Malone M; de Bruyn R; Spitz L: skeletal-muscle
haemangioma presenting as an abdominal mass,
(Br J Radiol), 59: 513, 1986
Maloney TR See Ramos-Gabatin A
Malon A See Fritz VU
Malott JC See Fodor J III
Malo JA Con Batch JU

Malt RA See Butch RJ Malt RA See Mueller PR Maltby P See Saverymuttu SH Maltzman JB See Rubenfire M

Mally P; Almen T; Golman K; et al: excitative effects in anaesthetized rabbits from subarachnoidally injected iso- and hyperosmolar solutions of iohexol and metrizamide, (Radiology), 154: 279, 1985

Malzacher F See Pfitzenmaier N Mammel M See Pokora T

Mamourian AC See Choyke PL Mamourian AC; Briggs RW: appearance of Pantopaque on MR images, (Radiology), 158: 457, 1986

437, 1700
Mamourian AC; Pae WE: radiographic appearance of the Medtronic Hall valve prosthesis, (AJR), 146: 485, 1986

Man AC See Dunn EK Manaster BJ See Hudson TM

Manaster BJ See Hudson TM
Manaster BJ See Traughber PD
Manaster BJ: digital wrist arthrography: precision in
determining the site of radiocarpal-midcarpal
communication. (AJR), 147: 563, 1986
Mancer K See Donoghue V
Mancer K See Giacomantonio A
Manchester D See Pretorius DH

Manchester D See Pretorius DH
Mancini GBJ See Norris SL
Mancini GBJ See Norris SL
Mancini GBJ See Slutsky RA
Manco LG; Kavanaugh JH; Fay JJ; Bilfield BS:
meniscus tears of the knee: prospective
evaluation with CT. (Radiology), 159: 147, 1986
Manco LG; Messing SG; Busino LJ; Fasulo CP;
Sordill WC: internal derangements of the
temporomandibular joint evaluated with direct
sagittal CT: prospective study, (Radiology), 157:
407, 1985

Manco LG; Nunan FA Jr; Sohnen H; et al: fetal small bowel simulating an abdominal mass at sonography, (JCU), 14: 404, 1986

sonography, (ICU), 14: 404, 1986
Manco LG; Short WF: preoperative percutaneous
pancreatography under real-time sonographic
guidance, (Radiology), 155: 861, 1985
Manco-Johnson ML See Rumack CM
Manco-Johnson ML See Dennis MA
Manco-Johnson ML See Linea DM
Manco-Johnson ML See Lipman SP
Manco-Johnson ML See Pretorius DH

Manco-Johnson ML See Pretorius DH
Manco-Johnson ML See Rumack CM
Manco-Johnson ML: diagnostic ultrasound imaging
in pregnancy: report of the National Institutes
of Health Consensus Development Conference
1984, (Ultrasound Med Biol), 12: 710, 1986

Mancuso AA See Dudley JP Mancuso AA See Fitzsimmons IR Mancuso AA See Harnsberger HR

Mancuso AA See Kalovidouris A Mancuso AA See Koehler PR

Mancuso AA See Muraki AS Mancuso AA See Stevens MH

Mancuso AA See Stevens MH

Mancuso AA See Virapongse C

Mancuso L; Bondi F; Iacona MA; et al:
echocardiographic evidence of mediastinal
lymph node enlargement in T-acute
lymphoblastic leukemia with acute pericarditis, lymphoblastic leuke (ICU), 14: 296, 1986

Mancuso L; Canonico A; Pitrolo F; et al: infective Mancuso L; Canonico A; Pitrolo F; et al: intective endocarditis of the aortic valve with evidence of vegetations in the outflow tract of the left ventricle, (J Ultrasound Med), 5: 465, 1986

Mandelbaum BR See Fishman EK

Mandell DM See Swartz JD

Mandell GA; Harcke HT: subperiosteal hematoma another scintigraphic "doughnut", (Clin Nucl Med), 11: 35, 1986

Mandell GA; Harcke HT; Davis N: accumulation of technetium-99m MDP in an intramuscular hemangioma, (Clin Nucl Med), 11: 487, 1986

Mandell GA; Harcke HT; Sharkey C; et al: uterine blush in multiphase bone imaging, (J Nucl Med), 27: 51, 1986

Med), 27: 51, 1986 Medll GA; Herrick WC; Harcke HT; Sharkey C; Brooks KM; MacEwen GD: neurofibromas: location by scanning with Tc-99m DTPA. work in progress, (Radiology), 157: 803, 1985

Mandell GA; Heyman S: extraosseous uptake of technetium-99m MDP in secondary deposits of neuroblastoma, (Clin Nucl Med), 11: 337, 1986

meuropastoma, (Clin Nucl Med.), 11: 337, 1986 Mandell GA; Swacus JR; Rosenstock J; et al: danger of urography in hyperuricemic children with Burkitt's lymphoma, (Radiology), 153: 274, 1984 Mandell J See Gaisie G

Mandell L; Nori D; Anderson L; et al: effects of permanent 1-125 interstitial implantation on cortical bone, (Radiology), 157: 575, 1985 Mandell VS See Mauro MA

Mandell VS See Schorlemmer GR

Mandell VS See Schorlemmer GR Mandell VS; Jaques PF; Delany DJ; et al: persistent sciatic artery: clinical, embryologic, and angiographic features. (AJR). 144: 245. 1985Manelfe C; Lasjaunias P; Ruscalleda J: preoperative embolization of intracranial meningiomas, (AJNR). 7: 963, 1986

(A)NK), 7: 903, 1906 Manga P; Dhurandhar RW; Stockard B: Doppler frequency ratio and peak frequency in the assessment of carotid artery disease: comparative study with angiography, (Ultrasound Med Biol), 12: 573, 1986

ngano FA; Zaontz M; Pahira JJ; et al: computed tomography of acute renal failure secondary to rhabdomyolysis, (JCAT), 9: 777, 1985

rahadomyotysis, (ICAT), 9: 777, 1995
Manger MF, Feldman RC; Brown WJ; et al:
intracranial ultrasound diagnosis of neonatal periventricular leukomalacia, (Radiology), 153:
565, 1984 Mangham D See Krishnamurthy GT

Mangner TJ See Lynn MD Mangner TJ; Tobes MC; Wieland DW; et al: metabolism of iodine-131 metalodobenzylguanidine in patients with metastatic pheochromocytoma, (J Nucl Med), 27: 37, 1986

Manhire AR See Graham N

Manhire AR See Graham N Mani JR See Petras AF Manier SM; Van Nostrand D: super bone scan, (Semin Nucl Med), 14: 46, 1984 Manier SM; Van Nostrand D; Kyle RW: primer and atlas for renal transplant scintigraphy (flow, Tc-99m DTPA, I-131 hippuran), (Radiology), 157: 288, 1985

Maniglia AJ; Xue JW: plasmacytoma of the larynx, (Radiology), 151: 268, 1984

(Kadiology), 151: 268, 1984 Manishen WJ; Sivananthan K; Orr FW: resorbing bone stimulates tumor cell growth: role for the host microenvironment in bone metastasis, (Radiology), 161: 575, 1986 Mankin HJ See Kattapuram SV

Mankin HJ See Rosenthal DI Mankovich NJ See Bassett LW Mankovich NJ See Gomes AS Mann FA See Hillard AE Mannen J See Banna M

Mannes E See Vick CW
Manni A; Basarab RM; Plourde PV; et al: thalliumtechnetium parathyroid scan: useful noninvasive technique for localization of abnormal parathyroid tissue, (Radiology), **161**: 576, 1986

Manning FA See Lange IR Manning FA See Thompson TR Manning JJ See Lee BCP Mannino F See Edwards DK Mano H See Shimizu K

Mano I; Levy RM; Crooks LE; et al: proton nuclear magnetic resonance imaging of acute experimental cerebral ischemia, (Radiology), 150: 295, 1984

Manor A See Starinsky R

Manor A See Starinsky K Manor WF; Zwiebel WJ; Hanning RV Jr; et al: ectopic pregnancy and other causes of acute pelvic pain, (Semin US CT MR), 6: 181, 1985 Mansfield CM See Haas JS Mansfield CM See Reddy EK

Mansfield CM. Jewell WR: intraoperative interstitial implantation of iridium 192 in the breast, (Radiology), 150: 600, 1984

Mansfield CM; Park CH: contribution of

radionuclide imaging to radiation oncology, (Semin Nucl Med), 15: 28, 1985 Mansfield P See Rzedzian R

Mansi C See Savarino V Manske PR See Reinus WR Manson J See Beers GJ Mansour K See Oliver TW Jr Mansouri B See Schnyder P

Mansson E; Willems J; Aparisi T; et al: preoperative radiation therapy of high malignancy grade soft tissue sarcoma. a preliminary investigation, (Radiology), 154: 286, 1985

(Mantell BS See Brincat S Mantell BS; Klevenhagen SC; Afshar F: afterloaded applicator for the interstitial irradiation of brain tumours, (Clin Radiol), 37: 35, 1986 Mantero M See Ballerini G

Mantil J See Grossman LW
Mantoni M: ultrasound signs in threatened abortion
and their prognostic significance, (Radiology),
157: 863, 1985

Mantravadi RVP; Skolnik EM; Haas RE; et al: patterns of cancer recurrence in the postoperatively irradiated neck, (Radiology), 152: 871, 1984

152: 871, 1984

Mattravadi RVP; Trippon MJ; Patel MK;

Walker MJ; Das Gupta TK: limb salvage in
extremity soft-tissue sarcoma: combined
modality therapy. (Radiology), 152: 523, 1984

Mantyla MJ; Toivanen JT; Pitkanen MA; et al:
radiation-induced changes in regional blood
flow in human tumors, (Radiology), 150: 303,
1984

1984
Manuell M See Pinto RS
Manzino JJ See Bruneton JN
Manzione JV See Katzberg RW
Manzione JV; Katzberg RW; Brodsky GL;
Seltzer SE; Mellins HZ: internal derangements Seitzer St.; Mellins H.2: Internal derangements of the temporomandibular joint: diagnosis by direct sagittal computed tomography, (Radiology), 150: 111, 1984

Manzione JV; Rumbaugh CL; Katzberg RW: direct sagittal computed tomography of the temporal bone. (JCAT), 9: 417, 1985

bone, (JCAT), 9; 417, 1985
Maor E See Tal A
Maor MH See Libshitz HI
Maoz S See Kleinhaus U
Mapp E See Wang Y
Mapp E: gastrointestinal disorders in diabetes
mellitus, (Radiology), 161: 292, 1986
Mapstone TB; Kaufman B; Ratcheson RA:
intradural chordoma without bone
involvement nuclear magnetic resonance

intradural chordoma without bone
involvement: nuclear magnetic resonance
(NMR) appearance, (Radiology), 152: 261, 1984
Mar DY See Yoshino MT
Maral J See Auclerc M-F
Maran AGD See Stell PM
Maranhao V See MacMillan RM
Maranhao V See MacMillan RM
Marano GD See Higgins WL
Maravilla KR See Cohen JM
Maravilla KR See Cohen JM
Maravilla KR See Schaefer SD
Maravilla KR See Schaefer SD
Maravilla KR See Sus RA

Maravilla KR See Schaefer SD
Maravilla KR See Suss RA
Maravilla KR See Weinreb JC
Maravilla KR; Lesh P; Weinreb JC; et al: magnetic
resonance imaging of the lumbar spine with CT
correlation, (AJNR), 6: 237, 1985
Maravilla KR; Murry RC Jr; Diehl J; Suss RA;
Allen L; Chang K; Crawford J; McCoy R:
digital tomosynthesis: technique modifications
and clinical applications for neuroyascular and clinical applications for neurovascular anatomy, (Radiology), 152: 719, 1984 Maravilla KR; Weinreb JC; Suss RA; et al: magnetic

natavilia KK, Weinreb JC; Suss RA; et al: magnetic resonance demonstration of multiple sclerosis plaques in the cervical cord, (AJNR), 5: 685, 1984 Maravilla KR; Weinreb JC; Suss RA; et al: magnetic resonance demonstration of multiple sclerosis plaques in the cervical cord, (AJR), 144: 381, 1985

plaques in the cervical cord, (AJR), 144: 381, 1985
Marbarger JP See Weinstein IR
Marberger M See Hruby W
Marberger M; Stackl W; Hruby W; et al: late sequelae of ultrasonic lithotripsy of renal calculi, (Radiology), 156: 563, 1985
Marchal G; Gelin J; Verbeken E; et al: high-resolution real-time sonography of the adrenal glands: routine examination?, (J Ultrasound Med), 5: 65, 1986
Marchal GJF; Tshibwabwa-Tumba E; Verbeken E; et al: "skip areas" in hepatic steatosis: sonographic-angiographic study, (Gastrointest Radiol), It: 151, 1986
Marchal GJF See Van Steenbergen W
Marchal GJF; Desmet VJ; Proesmans WC; Moerman PL; Van Roost WW; Van Holsbeeck MT; Baert AL: Caroli disease: high-frequency US and pathologic findings, (Radiology), 158: 507, 1986

Marchal GIF: Oven RH: Verschakelen I: et al:

Stor. 1986

Marchal GJF; Oyen RH; Verschakelen J; et al: sonographic appearance of normal lymph nodes, (I Ultrasound Med), 4: 417, 1987

Marchal GJF; Pylyser K; Tshibwabwa-Tumba E; Verbeken E; Oyen RH; Baert AL; Lauwerijns J: anechoic halo in solid liver tumors: sonographic, microangiographic, and histologic correlation, (Radiology), 156: 49, 1985

Marchal GJF; Van Holsbeeck MT; Tshibwabwa-Tumba E; Goddeeris PC; Fevery J; Oyen RH; Adisoejoso B; Baert AL; Van Steenbergen W: dilatation of the cystic veins in portal hypertension: sonographic demonstration, (Radiology), 154: 187, 1985

Marchad EP See Peters TM

Marche C See Chagnon JP

Marchese MJ; Nori D; Anderson LL; et al: versatile permanent planar implant technique utilizing iodine-125 seeds imbedded in Gelfoam, (Radiology), 155: 287, 1985

Marchesini G See Zoli M

Marchett P See Golimbu C

Marchosky JA See Moran CJ

Marcial VA See Kramer S

Marcus CS; Parker LS; Rose JG; et al: uptake of Tc-99m MAA by the liver during a thromboscintigram/lung scan, (Radiology), 150: 302, 1984

Marcus FS See Friedman MA Marcus NW See Drolshagen LF Marcus R See Grollman JH Jr Marcus R See Sartoris DI Marcus RB Jr See Jacobson HM Marcus VL See Ricketts HJ

Marcus VI. See Ricketts HJ Marcusen DC; Sooy CD: otolaryngologic and head and neck manifestations of acquired immunodeficiency syndrome (AIDS), (Radiology), 158: 861, 1986
Mardiat JG See Hill MC

Mare K: whole body computerized tomography, (Radiology), 152: 496, 1984

(Radiology), 152: 496, 1984 Mare KO: computed tomography of the body, (Radiology), 153: 768, 1984 Mare KO: introductory workbook for CT of the head and neck, (Radiology), 154: 128, 1985 Maresca G See Solibiati. L Maresca G; De Gaetano AM; Mirk P; et al:

Maresca C; De Gaetano AM; Mirk P; et al: sonographic patterns of the gallbladder in acute viral hepatitis, (Radiology), 153: 859, 1984 Maresca G; Mirk P; De Gaetano AM; et al: sonographic patterns in splenic infarct, (JCU), 14: 23, 1986 Mareschal JL See Garel L

Margin SI; Castellino RA: selection of imaging studies for newly presenting patients with non-Hodgkin's lymphoma, (Semin US CT MR), 7: 2,

Narglin SI; Castellino RA; selection of imaging studies for the initial staging of patients with Hodgkin's disease, (Semin US CT MR), 6: 380, 1985

Margo CE See Hopper KD Margolin FR See Dake MD Margolis MT See Crane R Margueritte G See Galifer RB Margulis AR See Crooks LE Margulis AR See Demas BE Margulis AR See Dooms GC Margulis AR See McCarthy S Margulis AR See Moss AA Margulis AR See Spring DB Margulis AR See Wolff S

Margulis AR: nuclear magnetic resonance imaging-present status, (Radiology), 150: 864, 1984

Margulis AR: overview: current status of clinical magnetic resonance imaging, (Radiographics), 4: 76, 1984

Margulis AR; Shapiro HA: Barrett esophagus, (Radiology). 150: 602, 1984 Margulis AR; Shea WJ Jr: advances in imaging technology and their impact on medicine: Mackenzie Davidson Memorial Lecture, April 1986, (Br J Radiol), 59: 309, 1986

Marich KW See Lue TF
Marigold JCL See Hume SP
Marik J See Schwimer SR
Marik J See Schwimer SR
Marince B; Barbier PA; Becker CD; et al: CT

Marincek B; Barbier PA; Becker CD; et al: CT appearance of impaired lymphatic drainage in liver transplants, (AJR), 147: 519, 1986
Marincek B; Brutschin P; Triller J; et al: lymphography and computed tomography in staging nonseminomatous testicular cancer: limited detection of early stage metastatic disease, (Radiology), 152: 251, 1984
Marincek B; Devaud MC; Triller J; et al: value of computed tomography, and lymphaneiography.

Marincek B; Devaud MC; Triller J; et al: value of computed tomography and lymphangiography in staging carcinoma of the uterine cervix, (Radiology), 154: 555, 1985

Marincek B; Porcellini B; Robotti G: CT classification of acetabulum fractures, (Radiology), 153: 858, 1984

Marinelli DL See Albelda SM

Marinelli DL See Albelda SM
Marinelli DL; Albelda SM; Williams TM; Kern JA;
lozzo RV; Miller WT: nontuberculous
mycobacterial infection in AIDS: clinical,
pathologic, and radiographic features,
(Radiology), 160: 77, 1986
Marinello G See Mazeron IJ
Maringhini A See Cottone M
Maringhini A; Cottone M; Sciarrino E; et al:
ultrasonographic and radionuclide detection of
hepatocellular carcinoma in cirrhotics with low
alpha-fetoprotein levels, (Radiology), 156: 282,
1985
Marini L See Reinie IW

Marini J See Reinig JW Marini K; Walter JF: angiography of omental mesothelioma, (AJR), 143: 1075, 1984

mesothetioma, (AJK), 143: 1075, 1994 Mariona F; McAlpin G; Zador I; et al: sonographic detection of fetal extrathoracic pulmonary sequestration, (J Ultrasound Med), 5: 283, 1986 Marions O; Boethius J: congenital constriction of the foramen of Monro, (Neuroradiol), 28: 275,

Mark A See Feinberg DA Mark AS See Federle MP

Mark AS See Pederle Mr
Mark AS See Hricak H
Mark AS; McCarthy SM; Moss AA; et al: detection
of abdominal aortic graft infection: comparison
of CT and In-labeled white blood cell scans,
(AJR), 144: 315, 1985

Mark EJ See Kradin RL Mark L See Daniels DL

Mark L; Pech MP; Daniels D; Charles C; Williams A; Haughton VM: pituitary fossa: a correlative anatomic and MR study, (Radiology), 153: 453, 1984

153: 453, 1984
Markey WS See Adler YT
Markhard L See Wahner HW
Markis JE See Parker JA
Markisz JA See Auh YH
Markisz JA See Newhouse JH Markivee CR See Brown RF Markivee CR See Reed LD Markivee CR See Yoo RE

Markivee CR See Reed LD
Markivee CR See Yoo RE
Markivee CR: networking of microcomputers in the
radiology department, (AJR), 145: 849, 1985
Markivee CR: rating of speaker performance, (AJR),
144: 864, 1985
Markivee CR: rating of speaker performance, (AJR),
144: 864, 1985
Markivee CR; Hoyt TS; Francis RA; Burns J;
Ruark B: gated cardiac tomographic
visualization of coronary artery calcification,
(Radiology), 152: 205, 1984
Markle BM; Catena L: bladder pseudomass
following cystography-related bladder trauma,
(Radiology), 159: 265, 1986
Marklin GF See Schuster DP
Markoe AM See Brady LW
Markoe AM See Brady LW
Markoe AM See Peyster RG
Markoe AM See Peyster RG
Markoe AM, Brady LW Jr; Shields JA;
Augsburger JJ; Micaily B; Damsker JI; Day JL;
Gamel JW: malignant melanoma of the eye:
treatment of posterior uveal lesions by Co-60
plaque radiotherapy versus enucleation,
(Radiology), 156: 801, 1985
Markovitz A See Sargent EN
Markowitz A See Sargent EN
Markowitz RI See Rosenfield NS
Markowitz RI See Rosenfield NS
Markowitz RI See Fouloukian RJ
Markowitz RI; Fahey JT; Hellenbrand WE; et al:
bronchial compression by a patent ductus
arteriosus associated with pulmonary atresia,
(AJR), 144: 535, 1985
Marks GJ See Rifkin MD
Marks HG See Kumar SI

arteriosus associated with pulmonary atresia, (AJR), 144: 535, 1985
Marks GJ See Rifkin MD
Marks HG See Kumar SJ
Marks JE See Mittal B
Marks S Jr See Raptopoulos V
Marks S Gee Kleinman PK
Marks WM See Freeny PC
Marks WM, Freeny PC, Ball TJ; Gannan RM:
endoscopic retrograde bilitary drainage,
(Radiology), 152: 357, 1984
Markawalder K See Goebel N
Marleau D See Lafortune M
Marleau D See Valla D
Marlowe FI See Swartz JD
Marman JL; Zeiger LS; DeBenedictis TJ; et al:
comprehensive scrotal flow and scan technique
for detection of varicoceles, (Radiology), 157:
575, 1985

575, 1985
Marmor A; Frankel A; Blondeheim DS; Satinger A;
Front D: scintigraphic assessment of atrial
function in patients with long-standing
hypertension, (Radiology), 151: 483, 1984
Marn CS See Gore RM

Marn CS See Gore RM
Marn CS; Gore RM; Ghahremani GG: duodenal
manifestations of nontropical sprue,
(Gastrointest Radiol), 11: 30, 1986

tvastrointest Radiol), Iti 30, 1986
Marn CS; Luck SR; Poznanski AK: subcutaneous
injection port: new chest-wall artifact,
(Radiology), 154: 246. 1985
Marnocha KE; Maglinte DDT: plain-film criteria for
excluding aortic rupture in blunt chest trauma,
(AJR), 144: 19, 1985
Marnocha KE; Maglinte DDT: Woode Let al.

(VAIN), 144: 19, 1985 Marnocha KE; Maglinte DDT; Woods J; et al: mediastinal-width/chest-width ratio in blunt chest trauma: a reappraisal, (AJR), 142: 275, 1984 Maron BJ See Ciro E

Maron BJ See Ciro E Maron BJ See Spirito P Maron BJ; Harding AM; Spirito P; et al: systolic anterior motion of the posterior mitral leaflet: a previously unrecognized cause of dynamic subaortic obstruction in patients with hypertrophic cardiomyopathy, (Radiology), 151: 832, 1984

Maroon JC See Abla AA Maroon JC See Deeb ZL

Marosi L; Ehringer H, Piza F; et al: early postoperative morphology of the carotid artery following endarterectomy: systematic prospective studies with a high-resolution ultrasound duplex real time imaging system, (Radiology), 155: 860, 1985
Marquardt B See Schroth G
Marquis C; Meister J-J; Mooser E; etal: quantitative pulsed Doppler measurement of common femoral artery blood flow variables during postocclusive reactive hyperemia, (JCU), 14: 165, 1986

1986
Marrie TJ See Gordon JD
Marrocco FS; Leekam RN; Matzinger MA; et al:
displaced calcium as a sign of transitional cell
carcinoma in analgesic nephropathy, (J Canad
Assoc Radiol), 37: 122, 1986

Marrozzini C See Zoli M Marsa RJ See Bansal RC Marsan R See Moncada R Marsh C See LeBlanc AD

Marsh CH: internal fixation for stress fractures of the ankylosed spine, (Radiology), 157: 281, 1985 Marsh JL See Noetzel MJ

Marsh JL See Noetzel MJ
Marsh JL See Vannier MW
Marsh MJ See Muller RN
Marsh WH See Bronner MH
Marsh WR See Jackson IT
Marshall DR See Hughes B
Marshall FE; Taxy JB; Fishman EK; et al: feasibility
of surgical enucleation for renal cell carcinoma,
(Radiology), 160: 284, 1986
Marshall J See Dawson P
Marshall JB See Drawson P
Marshall JE See Toutant SM
Marshall V; Williams DC; Smith KD:
diaphanography as a means of detecting breast

Marshall V; Williams DC; Smith KD:
diaphanography as a means of detecting breast
cancer, (Radiology), 150: 339, 1984
Marshall W Hee Seidenwurm D
Marshall WH See Enzmann DR
Marshall WH See Junck L
Marsman JWP: clinical versus subclinical varicocele:
venographic findings and improvement of
fertility after embolization, (Radiology), 155:
635, 1985
Marson-Dunnich K See Martinal alardicia B

Marsot-Dupuch K See Martin-Lalardrie B
Marsot-Dupuch K, Wajnapel H, Tubiana JM; et al:
tuberculosis of the ear. contribution of
radiology, (Radiology), 151: 828, 1984
Martel W See Aisen AM
Martel W See Glazer GM
Martel W See Williams DM
Martel IE; Galbraith D; Munro P; et al: flatness and
calibration monitor for accelerator photon and
electron beams, (Int J Radiat Oncol Biol Phys),
12: 271, 1986
Martikainen J See Pamilo M

12: 271, 1986
Martikainen J See Pamilo M
Martin A See Becker W
Martin AO: can ultrasound cause genetic damage?,
(Radiology), 152: 567, 1984
Martin B; Mulopulos GP; Bryan PJ: MRI of
puerperal ovarian-vent hrombosis (case report),
(AJR), 147: 291, 1986

puerperal ovariant-vein intrombosis (case report),
(AJR), 147: 291, 1986
Martin CM See Claiborne AK
Martin DF See Fischer IJ
Martin DF See Peschel RE
Martin DF, Hartley G; gastric emphysema
demonstrated by computed tomography, (Br J
Radiol), 59: 505, 1986
Martin DJ See Farrelly CA
Martin DJ See Farrelly CA
Martin DJ See Nwaesei CG
Martin DS: Abrams angiography. 3d ed.,
(Radiology), 160: 736, 1986
Martin DS: angiocardiography of congenital heart
disease, (Radiology), 156: 352, 1985
Martin DS: angiocardiography. 161: 680, 1986
Martin DS: atlas of nuclear medicine artifacts and
variants, (Radiology), 156: 508, 1985
Martin DS: cardiac angiography, (Radiology), 156:

variants, (Radiology), 156: 308, 1985
Martin DS: cardiac angiography, (Radiology), 156: 352, 1985
Martin DS: cardiac imaging and image processing, (Radiology), 160: 220, 1986
Martin DS: cardiovascular radiology, (Radiology), 156: 352, 1985

136: 352, 1963
Martin DS: computer applications in clinical practice, (Radiology), 156: 390, 1985
Martin DS: computer assisted radiology, (Radiology), 159: 186, 1986
Martin DS: computer in radiology, (Radiology), 160: 674, 1986

Martin DS: computerized tomography in orbital disease and neuro-ophthalmology, (Radiology), 153: 448, 1984

153: 448, 1984
Martin DS: digital cardiac imaging, (Radiology), 160: 530, 1986
Martin DS: essentials of diagnostic and interventional angiographic techniques, (Radiology), 156: 78, 1985
Martin DS: Freeman and Johnson's clinical radionuclide imaging, 3d ed. 2 vols., (Radiology), 157: 238, 1985
Martin DS: imaging of orthopedic trauma and

(Natin DS; imaging of orthopedic trauma and surgery, (Radiology), 161: 504, 1986 Martin DS: myelography. 4th ed., (Radiology), 153: 712, 1984

Martin DS: noninvasive diagnostic techniques in vascular disease. 3d ed., (Radiology), 158: 198, 1986

vastual usesses. St. etc., (kadatology), 1986.

Martin DS: practical pediatric radiology,
(Radiology), 154: 374, 1985

Martin DS: practice of coronary angioplasty,
(Radiology), 161: 680, 1986

Martin DS: pulmonary nuclear medicine:
techniques in diagnosis of lung disease,
(Radiology), 156: 186, 1985

Martin DS: radiology of the salivary glands,
(Radiology), 159: 64, 1986

Martin DS: techniques in diagnostic radiology,
(Radiology), 155: 72, 1985

Martin DS: thyroid and parathyroid imaging,
(Radiology), 165: 388, 1986

Martin DS: ultrasonic examination of the breast,
(Radiology), 155: 210, 1985

Martin DS: ultrasound mammography, (Radiology),
156: 226, 1985

Martin EC See Casarella WJ

Martin EC See Casarella WJ Martin EC; See Laffey KJ; et al: percutaneous management of benign biliary disease, (Radiology), 154: 851, 1985 Martin EC; Levy J; Altman RP; et al: percutaneous sclerosis of an external biliary fistula, (AJR), 144: 481, 1985

Martin JF: atlas of echocardiography, 2d ed., (Radiology), 161: 216, 1986 Martin JF: color atlas of real-time two-dimensional

Doppler echocardiography, (Radiology), **161**: 164, 1986

Martin JF: Doppler echocardiography: quantitative methods of pulsed and continuous wave cardiac Doppler, (Radiology), 160: 520, 1986 Martin JF: echocardiography. 4th ed., (Radiology), 161: 532, 1986

181: 532, 1986
Martin JF: principles of interpretation in echocardiography, (Radiology), 160: 716, 1986
Martin JF: Daly CP: transmission line matching of surface acois, (Magn Res Med), 3: 346, 1986
Martin JK See Gunderson LL

Martin JK Jr See Gisvold JJ
Martin KW; Morian JP Jr; Lee JKT; et al:
demonstration of a splenic artery
pseudoaneurysm by MR imaging, (JCAT), 9:

Martin KW; Sagel SS; Siegel BA: mosaic oligemia simulating pulmonary infiltrates on CT, (AJR), 147: 670, 1986

147: 670, 1986
Martin L See Coblentz C
Martin LG See Alspaugh JP; Chuang VP:
renal artery angioplasty: increased technical
success and decreased complications in the
second 100 patients, (Radiology), 159: 631, 1986
Martin LG; Price RB; Casarella WJ; Sones PJ; Wells
JO Jr; Zellmer RA; Chuang VP; Sibliger ML Jr;
Berkman WA: percutaneous angioplasty in
clinical management of renovascular
hypertension: initial and long-term results,
(Radiology), 155: 629, 1985
Martin M See Patel J
Martin MC See Cann CE
Martin N; Helias A; Pottuz GJ; et al: solitary

Martin N; Helias A; Pottuz GJ; et al: solitary eosinophilic granuloma of a cervical neural arch, (Radiology), 158: 571, 1986 Martin NL See Wilcox DM

Martin RJ See White DR Martin TRP See Walton L Martin VN See Mazer M Martin W See Bohrer SP

Martin W; Tweddel AC; McGhie I; et al: gated xenon scans for right ventricular function, (J Nucl Med). 27: 609, 1986

Martin W III See Klein A

Martin WMC: multiple daily fractions of radiation in the paliation of pain from bone metastases, (Radiology), 150: 303, 1984 Martin-Bouveyron C See Chevrot L Martinelli C See Calo M

Martinez A See Brindle JS

Martinez A See Saez F Martinez CR See Arrington JA Martinez CR See Shulman DI Martinez CR See Zerhouni EA

Martinez LN See Zermont EA

Martinez LO; Essermon L: thickening of the
posterior wall of the bronchus intermedius in
right lung pneumonia, (Radiology), 156: 561,

Martinez S See Apple JS Martinez S See Gamba JL

Martinez 5; Apple IS; Baber C; Putman CE; Rosse WF: protrusio acetabuli in sickle-cell anemia, (Radiology), 151: 43, 1984 Martinez-Vazquez JM See Ocana I

Martini N See Heelan RT

Martini N; Heelan R; Westcott J; et al: comparative merits of conventional, computed tomographic, and magnetic resonance imaging in assessing mediastinal involvement in surgically confirmed lung carcinoma, (Radiology), 160: 221 1042. 283 1986

Martin-Lalardrie B; Marsot-Dupuch K: pitfalls in ultrasound imaging of the scrotum, (Radiology), 155: 557, 1985

Martino CR; Haaga JR; Bryan PJ: secondary infection of an endometrioma following fineneedle aspiration, (Radiology), 151: 53, 1984

needle aspiration, (Radiology), 151: 53, 1984 Martino CR; Haaga JR; Bryan PJ; LiPuma JP; El Yousef SJ; Alfidi RJ; CT-guided liver biopsies: eight years' experience. work in progress, (Radiology), 152: 755, 1984 Martino CR; Pakter RL; Schultz CL; et al: small dense kidneys in a 7-year-old, (Invest Radiol), 21: 76, 1986

Martino CR; Williams CD III; Schultz CL; et al: increasing weight and girth after neurosurgery, (Invest Radiol), 21: 98, 1986

Martin-Paredero V See Gomes AS Martin-Paredero V; Dixon SM; Baker JD; et al: risk of renal failure after major angiography, (Radiology), 152: 841, 1984

Martin-Simmerman P See Cohen MD Martin-Simmerman F See Lonen MD; Martin-Simmerman F; Cohen MD; Siddiqui A; et al: calcification and uptake of Tc-99m diphosphonates in neuroblastomas: concise communication, (Radiology), 154: 861, 1985

Marton D See Azouz EM Marton PF See Fossa SD

Marton PF See Fossa SD
Martz K See Solin I, J
Marut E See Brandt TD
Maruyama Y: Cf-252 neutron brachytherapy: an
advance for bulky localized cancer therapy,
(Radiology), 153: 576, 1984
Maruyama Y: present status of treatment of
malignant neoplasms by <sup>252</sup>Cf brachytherapy,
(Radiology), 154: 287, 1985
Maruyama Y; Beach JL: Cf-252 neutron
brachytherapy of short duration for bulky neck
tumors, (Int ] Radiat Oncol Biol Phys), 12: 761,
1986

Maruyama Y; Chin HW; Young AB; Wang PC;
Tibbs PA; Beach JL; Goldstein S: implantation
of brain tumors with Cf-252: use of computed
tomography and magnetic resonance imaging to
guide insertion and evaluate response,
(Radiology), 152: 177, 1984
Maruyama Y; Tai DL; Beach JL: neutron and gamma
dose distribution for tandem, tandem and ovoid
and plaque for intracavitary <sup>252</sup>Cf therapy of
cervix carcinoma, (Radiology), 152: 566, 1984
Maruyama Y; van Nagell JR; Yoneda J; et al: fiveyear cure of cervical cancer treated using
californium-252 neutron brachytherapy,
(Radiology), 156: 256, 1985

(Radiology), 156: 286, 1985 Marwaha RK See Katariya S

Marwaha RK See Katariya S Marx JD See van Aswegen A Marx M; Casola G; Scheible W; et al: subplacental complex: further sonographic observations, (J Ultrasound Med), 4: 459, 1985 Marx M; D'Auria SH: CT examination of eleven Egyptian mummies, (Radiographics), 6: 321, 1986

Marx M; Geller S; Bettmann M: traumatic aortocaval fistula presenting as atypical chest pain, (Cardiovasc Intervent Radiol), 9: 17, 1986

Marx M; Levin DC: coronary thrombolytic therapy: state of the art, (AJR), 147: 1, 1986 Marx MV; Cunningham JI: sonographic findings in mediastinal embryonal carcinoma, (J Ultrasound Med), 5: 41, 1986

Marx SJ See Doppman JL Marx SJ See Krudy AG Marzano MI See Smith SJ Marzano MJ See Fernbach SK Marzocchi A See Zoli M Masaryk TJ See Modic MT Masaryk TJ See Paushter DM Masaryk TJ, See Faushter DM Masaryk TJ, Chilcote WA: CT of pseudomyxoma peritonei: case report, (Radiology), 152: 861, 1984

Masaryk TJ; Modic MT; Geisinger MA; et al: cervical myelopathy: comparison of magnetic resonance and myelography, (JCAT), 10: 184,

Masciarello S See Zannini G Masciocchi C See Passariello R

Masciocchi C See Passariello R
Masdeu JC: enhancing mass on CT: neoplasm or recent infarction?, (Radiology), 151: 551, 1984
Masel J See Kozlowski K
Maslack MM: radionuclide scintigraphy in orthopaedics, (Radiographics), 5: 328, 1985
Maslack MM; Brosbe R]: dual isotope parathyroid imaging, (Clin Nucl Med), 11: 622, 1986
Maso R See Pistolesi GF
Mason C. Sinaci S. Armera W. at handson Co.

Masoer of Sci Sinaci S; Arossa W; et al: pulmonary involvement in chronic pancreatitis, (Radiology), 155: 848, 1985 Mason EM See Letton AH Mason KA See Withers HR

Mason TO, Rose BS: Goodman JH: gas bubbles in polymethylmethacrylate cranioplasty simulating abscesses: CT appearance, (AJNR), 7: 829, 1986

Mason UG III See Farhi DC

Mason WF See Campbell DR
Mason WG Jr: urinary tract infections in children:
renal ultrasound evaluation, (Radiology), 153:

Mason WG Jr; Stevens PS: options in the evaluation of pediatric urinary tract infections: role of radiography and ultrasound, (Semin US CT MR), 7: 234, 1986

MK), 7: 234, 1986
Massie JD See Sebes JI
Massie JD; Winer-Muram H: indium-111 labeled
leukocyte images demonstrating a lung abscess
with prominent fluid level, (Clin Nucl Med), 11:
590, 1986

sson RG; Ruggieri J: pulmonary microvascular cytology: new diagnostic application of the pulmonary artery catheter, (Radiology), 159: pulmona 821, 1986

Masters 5J See Thornbury JR
Masters 5J See Thornbury JR
Masterson ME See Dershaw DD
Masucci EF; Borts FT; Smirniotopoulos JG; et al:
thin-section CT of midbrain abnormalities in progressive supranuclear palsy, (AJNR), 6: 767, Masur H See Bach MC Masuzaki S See Ishikawa I Masuzawa H See Aoki N

Masuzawa T; Kurokawa T; Oguro K; et al: pulseless disease associated with multiple intracranial aneurysms, (Neuroradiol), 28: 17, 1986

Mata J; Alegret X; Llauger J: splenic pseudocyst as a complication of ventriculoperitoneal shunt: CT features, (JCAT), 10: 341, 1986

Mata JM See Gomez A Matalon TA See Fuld IL Matalon TAS See Gavin PM Matalon TAS See Pozniak M

Matalon TAS See Fozniak M Matalon TAS See Strasser SF Matari H See Aquino NM Matge G See Babin E Mathew OP; Bhatia J: management of persistent pneumothorax: an innovative approach, (Radiology), 151: 822, 1984

Mathews J See Slavin JD Jr Mathews J; Karimeddini MK; Spencer RP: "short pants" finding on bone images in Paget's disease with paralysis, (Clin Nucl Med), 11: 221,

Mathews J; Slavin JD Jr; Spencer RP: liver function tests: study in patients with imaging-demonstrated metastases, (Clin Nucl Med), 11: 344, 1986

Mathews J. Slavin JD Jr, Spencer RP: technetium-99m MDP demonstration of neoplastic lesions involving bone and adjacent soft tissues, (Clin Nucl Med), 11: 98, 1986

Mathias CJ; Peart WS; Carron DB; et al: therapeutic venous infarction of an aldosterone producing adenoma (corn's tumour), (Radiology), 154: 560,

Mathias CJ; Welch MJ: radiolabeling of platelets, (Semin Nucl Med), 14: 118, 1984 Mathieu D See Guinet C

Mathieu D See Vasile N

Mathieu D See Vasile N
Mathieu D Je Bruneton JN; Drouillard J;
Pointreau CC; Vasile N: hepatic adenomas and
focal nodular hyperplasia: dynamic CT study,
(Radiology), 160: 53, 1986
Mathieu D; Elouaer-Blanc L; Divine M; et al:
hepatic plasmocytoma: sonographic and CT
findings, (JCAT), 10: 144, 1986

ningings, (JCAT), 10: 144, 1986
Mathieu D; Grenier P; Larde D; Vasile N: portal
vein involvement in hepatocellular carcinoma:
dynamic CT features, (Radiology), 152: 127, 1984
Mathieu D; Keita K; Loisance D; et al: postoperative
CT follow-up of aortic dissection, (JCAT), 10:
216, 1986

Mathieu D; Ladeb MF; Guigui B; Rousseau M; Vasile N: periportal tuberculous adenitis: CT features, (Radiology), 161: 713, 1986 Mathieu D; Vanderstigel M; Schaeffer A; et al:

Mathieu D; Vanderstigel M; Schaeffer A; et al: computed tomography of splenic sarcoidosis, (JCAT), 10: 679, 1986 Mathieu D; Vasile N; Dibie C; Grenier P: portal cavernoma: dynamic CT features and transient differences in hepatic attenuation, (Radiology), 154: 743, 1985

Mathieu D; Vasile N; Fagniez P-L; Sequi S; Grably D; Larde D: dynamic CT features of hepatic abscesses, (Radiology), 154: 749, 1985 Mathieu D; Vasile N; Grenier P: portal thrombosis dynamic CT features and course, (Radiology), 154: 737, 1985

Mathis A See Bec P

Mathis M See Zelenik ME
Mathisen DJ; Jensik RJ; Faber LP; et al: survival
following resection for second and third
primary lung cancers, (Radiology), 156: 261,
1985

Mathog RH See Godoy J Mathog RH See Stanley RB Mathog RH See Stanley RB
Mathur SP, Patni N; Popli MK; et al: partial
prevention of tritium induced uterine
involution in mice by 2:
mercaptopropionylglycine, (Acta Radiol
[Oncol]), 25: 77, 1986
Mathur-De Vre R; Grimee R; Parmentier F; et al:
use of agar gel as a basic reference material for
calibrating relaxation times and imaging
parameters, (Radiology), 157: 285, 1985
Mathuriya SN See Khosia VK
Matin P; Lang G; Carretta R; et al: scintigraphic

Matin P; Lang G; Carretta R; et al: scintigraphic evaluation of muscle damage following extreme exercise: concise communication, (Radiology), 151: 562, 1984

Matina D, van Doesburg NH; Fouron J-C; et al: subxiphoid two-dimensional echocardiographic diagnosis of double-chambered right ventricle, (Radiology), 151: 273, 1984 Matovich V See Tsai FY Matsen FA III See Mack LA

Matson GB See Bogusky RT Matson GB See Karczmar GS Matsuba HM See Simpson JR Matsubara S See Horiuchi I

Matsuda A: bronchial arteriography in patients with pulmonary embolism, (Radiology), 154: 269, 1985

Matsuda K See Minami K

Matsuda K See Miniami K Matsuda T See Shimizu K Matsuda Y See Toma Y Matsuda Y; Yabuuchi I: hepatic tumors: US contrast enhancement with CO<sub>2</sub> microbubbles, (Radiology), 161:701, 1986

Matsue H See Takayasu K Matsui H See Doi K

Matsui H; Ono K: uniform focal spot x-ray tube with improved MTF and kW rating, (Radiology), 156: 227, 1985

Matsui K See Morimoto K Matsui K See Ohtake E

Matsui N See Uno K Matsui O See Kitagawa K

Matsui O See Atagawa M; et al: hepatic artery embolization of experimental hepatic tumors with absolute ethanol, (Cardiovasc Intervent Radiol), 9: 146, 1986

Intervent Radiol), 9: 146, 1986

Matsui O; Kawamura I; Takashima T: occurrence of an intrahepatic porto-arterial shunt after hepatic artery embolization with Gelfoam powder in rats and rabbits, (Acta Radiol [Diagn]), 27: 119, 1986

Matsui O; Takashima T; Kadoya M; et al: dynamic computed tomography during arterial portography: most sensitive examination for small hepatocellular carcinomas, (JCAT), 9: 19, 1985

1985

Matsui O; Takashima T; Kadoya M; Kitagawa K;
Kamimura R; Itoh H; Suzuki M; Ida M;
segmental staining on hepatic arteriography as a
sign of intrahepatic portal vein obstruction,
(Radiology), 152: 601, 1984

Matsui T; Bee Iida M
Matsui T; Iida M; Murakami M; Kimura Y;
Fujishima M; Yao Y; Tsuji M; intestinal
anisakiasis: clinical and radiologic features,
(Radiology), 157: 299, 1985

Matsukado Y See Miura M
Matsumota AH; Clark BI; Cutting IT Ir, bladder.

Matsumoto AH; Clark RL; Cuttino JT Jr: bladder mucosal tears during voiding cystourethrography in chronic renal failure, (Urol Radiol), 8: 81, 1986

Matsumoto K See Satoh T Matsumoto S See Yoshimoto H

Matsumoto S See Yoshimoto H
Matsumoto T; Tani E; Maeda Y; et al: amyloidomas
in the cerebellopontine angle and jugular
foramen. case report, (Radiology), 158: 571, 1986
Matsunaga N See Hayashi K
Matsunaga N; Hayashi K; Amamoto Y; et al:
mesenteric varices demonstrated by
transhepatic portography, (Gastrointest Radiol),
11: 280, 1986
Mateuro N See Obiehi H

Matsuo N See Ohishi H Matsuo N See Ohishi H
Matsushima T See Hasuo K
Matsuura K See Hasuo K
Matsuura K See Hasuo K
Matsuura K See Nishitani H
Matsuzaki M See Toma Y
Matta II See Stanley RJ
Matter D: Spinelli G: Warter P: ultrasonically
guided percutaneous pancreatography,
(Radiology), 152: 266, 1984
Mattera JA See Wackers FJT
Matthaei D See Frahm J
Matthaei D See Hasse A

Matthaei D See Haase A Matthaei D; Frahm J; Haase A; et al: multipurpose NMR imaging using stimulated echoes, (Magn Res Med), 3: 554, 1986

Methaei D; Haase A; Frahm J; Bomsdorf H; Vollmann W: multiple chemical shift selective (CHESS) MR imaging using stimulated echoes, (Radiology), 160: 791, 1986 Matthay KK See Moore SG Matthay MA See Colice GL

Matthay RA See Cooper JAD Jr Matthay RA See Filderman AE Matthews CC See Merritt CRB Matthews PM See Taylor DJ Matthies HJ See Cohen MI
Mattingly SS See Stelling CB
Mattioli L See Murphey MD
Mattrey R See Hackney D Mattrey RF See Nancarrow PA

Mattrey RF See Sarloris DJ
Mattrey RF See Sarloris DJ
Mattrey RF See Slutsky RA
Mattrey RF, Leopold GR; vanSonnenberg E; et al:
perfluorochemicals as liver- and spleen-seekin
ultrasound contrast agents, (Radiology), 151: 560, 1984

500, 1994
Mattrey RF; Slutsky RA; Long SA; et al: in vivo assessment of left ventricular wall and chamber dynamics during transient myocardial ischemia using prospectively ECG-gated computerized transmission tomography, (Radiology), 151: 271, 1094

Matuschak G See Mittal BB Matwiyoff NA; Gasparovic C; Wenk R; et al: <sup>31</sup>P and <sup>25</sup>Na NMR studies of the structure and lability of the sodium shift reagent. bis(tripolyphosphate)dysprosium(III) ([Dy(P<sub>3</sub>O<sub>10</sub>))<sup>2</sup>) ion, and its decomposition in the presence of rat muscle, (Magn Res Med), 3: 164, 1986

Matz S See McCarthy EF

Matzen KA; Rohloff R; Milachowski KA; et al:

Matzen KA; Rohloff R; Milachowski KA; et al:
determination of bone density via 1-25
densitometry in idiopathic scoliosis,
(Radiology), 156: 859, 1985

Matzen P; Malchow-Moller A; Brun B; et al:
ultrasonography, computed tomography, and
cholescintigraphy in suspected obstructive
jaundice—a prospective comparative study,
(Radiology), 151: 544, 1984

Matzinger MA See Leekam RN

Matzinger MA See Marrocco FS

Matzkin E See Norman A

Mauch P See Liebman HA

Mauch P See Liebman HA

uch P See Liebman HA
udgal DP; Wansbrough-Jones MH; Joseph AEA:
gallbladder abnormalities in acute infectious
hepatitis: a prospective study, (Radiology), 153:
572, 1984

Maudsley AA See Geard CR

Maudsley AA See Geard CR Maudsley AA See Hilal SK Maudsley AA; Hilal SK; Simon HE; Wittekoek S: in vivo MR spectroscopy with P-31. work in progress, (Radiology), 153: 745, 1984 Maughan R See Stewart F Mauli KI See Shirazi KK Maurer AH See Greene GS

Maurer AH See Knight LC Maurer AH See Pennell RG Maurer AH See Siegel JA

Maurer AH See Siegel JA
Maurer AH: radiologic evaluation of severed body
parts, (Radiology), 151: 535, 1984
Maurer AH; Knight LC: detection of deep venous
thrombosis with Te-99m sulfur colloid,
(Radiology), 150: 842, 1984
Maurer AH; Knight LC: detection of deep venous
thrombosis with Te-99m sulfur colloid: reply,
(Radiology), 150: 842, 1984
Maurer AH; Millmond SH; Knight LC;
Mesgarzadeh M; Siegel JA; Shuman CR;
Adler LP; Greene CS; Malmud LS: infection in
diabetic osteoarthropathy: use of indiumlabeled leukocytes for diagnosis, (Radiology),
161: 221, 1986 161: 221, 1986

Naurer AH; Siegel JA; Blasius KM; Deneberg BS; Spann JF; Malmud LS: cardiac function assesse by attenuation-corrected radionuclide pressure volume indices, (Radiology), 156: 197, 1985 Maurer G See Haendchen RV

Maurer G See Haendchen RV

Mauric F See Crisi G

Maurice F See Grenier P

Mauritzen K See Johnsen A

Mauro F; Teodori L; Schumann J; et al: flow
cytometry as a tool for the prognostic
assessment of human neoplasia, (Int J Radiat
Oncol Biol Phys), 12: 625, 1986

Mauro MA See Balfe DM

Mauro MA See Jaques PF

Mauro MA See Mittelstaedt CA

Mauro MA See Parker LA

Mauro MA See Vincent LM

Mauro MA See Vincent LM

Mauro MA, Jaques PF, Mandell VS, et al: pelvic abscess drainage by the transrectal catheter approach in men. (AJR), 144: 477, 1985 Mauro MA; Jaques PF; Swantkowski TM; et al: CT after uncomplicated esophageal sclerotherapy, (AJR), 147: 57, 1986

(A)R), 147: 37, 1986
Mauser HW; van Nieuwenhuizen O; VeigaPires JA: is contrast-enhanced CT indicated in acute head injury; (Radiology), 153: 276, 1984
Maves MD; Lloyd TV; Carithers JS: radiographic identification of ingested disc batteries, (Pediatr Radiol), 16: 154, 1986
Mayer ME Co. Press DA.

Mawad ME See Bryan RN Mawad ME See Moore T

Mawad ME See Silver AJ Mawad ME; Hilal SK; Michelsen WJ; Stein B; Mawad ME; Hilal SK; Michelsen WJ; Stein B; Ganti SR: occlusive vascular disease associated with cerebral arteriovenous malformations, (Radiology), 153: 401, 1984 Mawdsley GE See Yaffe MJ Mawko G See Peters TM

Mawko G See Peters TM

Maxon HR; Hertzberg Y; Vasavada P; et al:
continuing impact of thyroid scintigraphy o
the diagnosis of thyroid enlargement, (Clin
Nucl Med), 11: 306, 1986

Maxson WS See Winfield AC Maxted M See Carty H Maxwell RE See Nagib MG May GR See LeRoy AJ May GR See MacCarty RL May GR See Welch TJ May GR See Zimmer WD

May GR; Bender CE; LaRusso NF; et al: nonoperative dilatation of dominant strictures in primary sclerosing cholangitis, (AJR), 145: 1061, 1985

1061, 1985
May GR; James EM; Bender CE; Williams HJ Jr;
Adson MA: diagnosis and treatment of jaundice,
(Radiographics), 6: 847, 1986
Mayden KL See Elrad H
Mayden KL See Vermesh M
Mayer DP See Ball DS
Mayer DP See Ball DS

Mayer DF See Harvey GD

Mayer R; Wilhelm K; Pfeifer KJ: sonography of
Achilles tendon rupture, (Radiology), 156: 863,

Mayman CI See Harrington HJ Maynard CD See Choplin RH Maynard E See Lalli AF Maynard FW See Gebarski SS Maynard JA See Wenger DR Mayne V See DeCampo Mayo J See Muller NL

Mayo ME; Krieger JN; Rugg TC: effect of percutaneous nephrostolithotomy on renal function, (Radiology), 156: 564, 1985 Mayock R; Skale B; Kohler RB: legionella

pneumophila pericarditis proved by culture of pericardial fluid, (Radiology), 153: 266, 1984 Maywood CM See Sandler MA Mazer M; Smith CW; Martin VN: distal splenic artery embolization with a flow-directed balloon catheter, (Radiology), 154: 245, 1985

Mazer MJ See Carter MM Mazer MJ See Earthman WJ Mazer MJ See Winfield AC

Mazeron JJ: Lusinchi A; Marinello G; et al: interstitial radiation therapy for squamous cell carcinoma of the tonsillar region: Creteil experience (1971-1981), (Int J Radiat Oncol Biol Phys), 12: 895, 1986

Mazess RB See Laval-Jeantet AM Mazess RB See Wahner HW Mazoyer BM; Huesman RH; Budinger TF; et al: dynamic PET data analysis, (JCAT), 10: 645, 1986 Mazur JM See Hopla DM Mazur IM See Van Winkle GN

Mazzi A See Corbetti F

Mazzi A See Content r
Mazziotta JC See Flannigan BD
Mbakop A See Lagier R
Mbuyi-Muamba JM; Dequeker J: bone mass
measured by photonabsorptiometry and
radiogrammetry in Wistar rats: age and is
variations, (Invest Radiol), 21: 336, 1986
Mardock Hawithe WILLE Comments
The Mardock Content of the Property of the Property

Meador K; Hamilton WJ; El Gammal TAM; et al: irreversible neurologic complications of metrizamide myelography, (Radiology), 154: 564, 1985 Meagher-Villemure K See Cosgrove GR

Meagher-Villemure K See Villemure J-G Mealer WR; Fisher JC: cor pulmonale and faci auricolo-vertebral sequence, (Radiology), 155: 854, 1985

Meaney TF See Feiglin DH Meaney TF See George CR Meaney TF See Go RT Meaney TF See Grossman LB

Meaney TF: magnetic resonance without nuclear, (Radiology), 150: 277, 1984

Meaney TF: magnetic resonance without nuclei?: reply, (Radiology), 152: 237, 1984 Meany TF See Ng TC

Mears DC See Burk DL Jr Mebust WK See Weigel JW

Mebust WK; Weigel JW; Lee KR; et al: renal cell carcinoma—angioinfarction, (Radiology), 153: carcinoma-272, 1984

Mechlin M; Thickman D; Kressel HY; et al: magnetic resonance imaging of postoperative patients with metallic implants, (AJR), 143: 1281, 1984

Mechlin MB; Kricun ME; Stead J; et al: giant cell tumor of tarsal bones: report of three cases and review of the literature, (Radiology), 154: 558,

Mechmeche R; Cheikh MB; Bousnina A; et al:

Mechmeche R; Cheikh MB; Bousnina A; et al: hydatid cyst of the heart in children. a series of nine cases, (Radiology), 153: 566, 1984 Meder JF See Constans JP Meder JF See Daumas-Duport C Medical Research Council Neutron Therapy Working Group: comparative review of the Hammersmith (1971–75) and Edinburgh (1977– 82) neutron therapy trials of certain cancers of 82) neutron therapy trials of certain cance the oral cavity, oropharynx, larynx and hypopharynx, (Br J Radiol), **59:** 429, 1986

Medina E See Silvestre ME Medlin VL See Janaki LM Medsger TA Jr See Segel MC Meek D See McLatchie GR

Meek Dr.; Wills PR; Gray HW; et al: comparison of computed tomography, ultrasound and scintigraphy in the diagnosis of alcoholic liver disease, (Radiology), 153: 267, 1984 Meema HE; Orcopoulos DG: mode of progression of

subperiosteal resorption in the hyperparathyroidism of chronic renal failure, (Radiology), 153: 562, 1984

(Radiology), 153: 562, 1984
Meema HE; Oreopoulos DG: morphology,
progression, and regression of arterial and
periarterial calcifications in patients with endstage renal disease, (Radiology), 158: 671, 1986
Meema HE; Oreopoulos DG: Murray TM: periosteal
resorption and periosteal neostosis: comparison
of normal subjects and renal failure patients on
chronic ambulatory peritoneal dialysis using
MOP-3 image analysis system and a grading
method, (Skeletal Radiol), 15: 14, 1986

Meenhorst PL; Mulder JD: chest in legionella pneumonia (Legionnaires' disease), (Radiology), 151: 543, 1984 151: 543, 1984
Meerwaldt JH See Lybeert MLM
Megibow AJ See Balthazar EJ
Megibow AJ See Horii SC
Megibow AJ See Hulnick DH
Megibow AJ See Rumancik WM
Megibow AJ See Smith SJ

Megibow AJ; see smuth SJ
Megibow AJ; gastrointestinal lymphoma: role of CT
in diagnosis and management, (Semin US CT
MR), 7: 43, 1986

M(K), 7: 43, 1700 Megibow AJ; Balthazar EJ; Hulnick DH; et al: CT evaluation of gastrointestinal leiomyomas and leiomyosarcomas, (AJR), 144: 727, 1985 Megibow AJ; Hulnick DH; Bosniak MA; Balthazar EJ: ovarian metastases: computed tomographic appearances, (Radiology), 156: 161, 1985

Mehnert PJ See Stephenson TF Mchringer M See Stanley P Mehta A See Ross JS Mehta AB; Evans JPM; Kumaran TO; et al: non-

Mehta AB; Evans JPM; Kumaran TO; et al: non-Hodgkin's lymphoma: survey from a district general hospital, (Clin Radiol), 37: 183, 1986 Mehta BA See Yang PJ Meier FA See Castaldo JE Meier P See Rubin SA Meignan M See Cinotti L

Meignan M; Rosso J; Leveau J; et al: exercise inceases the lung clearance of inhaled technetium-99m DTPA, (J Nucl Med), 27: 274,

1986

Meijboom EJ; Valdes-Cruz LM; Horowitz S; et al:
two-dimensional Doppler echocardiographic
method for calculation of pulmonary and
systemic blood flow in a canine model with a
variable-sized left-to-right extracardiac shunt,
(Radiology), 151: 831, 1984

Mei-Ini L See De-wen G
Meilstrup JW See Quinn MJ
Meindl S See Rinck PA
Meire H See Raby N
Meire HB See Boy N
Meire HB See Boy N
Meire HB See Boy N
Meiser G: Meissner K: sonographic differential

Meiser G; Meissner K: sonographic differential diagnosis in intestinal obstruction. results of a prospective study of 48 patients, (Radiology), 157: 286, 1985

Meiser J; Meissner K; Pichler W: Crohn's disease. sonography as a guideline to therapy, (Radiology), 157: 862, 1985 Meisler W See Whelan MA

Meisler WJ See Pennisi AK Meissner G See Reinartz H Meissner K See Meiser G Meissner K See Meiser J Meissner R See Koenig H Meissner R See Koenig H Meister J-J See Marquis C Meistrich ML See Ito H Melada GA See Winzelberg GG Melamed MR See Flehinger BJ Melamed MR See Heelan RT

Melamed MR See Heelan RT

Melamed MR; Flehinger BJ; Zaman MB; et al:
screening for early lung cancer: results of the
memorial Sloan-Kettering study in New York,
(Radiology), 154: 847, 1985

Melamed N; Satya-Murti S: cerebellar hemorrhage.
a review and reappraisal of benign cases,
(Radiology), 153: 853, 1984

Melanson D See Dorne HL

Melanson D See Milette PC

Melanson D See Shapir J

Melanson D See Theron J

Melanson D See Theron I Melanson D See Worthington C

Melby A See Weiner DS Melbye KM See Hasegawa BH Melchior DL See Ryan PJ

Melen O See Lazar RB

Melhem RE: radiographic appearance of letter bombs, (Radiology), 151: 606, 1984 Melichar AC See Uflacker R

Melichar AC See Uflacker R
Melin JA, Becker LC: quantitative relationship
between global left ventricular thallium uptake
and blood flow: effects of propranolol, quabain,
dipyridamole, and coronary artery occlusion, (J
Nucl Med), 27: 641, 1986
Melki JP, Riche MC; Reizine D; et al: simultaneous
bifemoral retrograde arteriography under
pressure: first stage in angiographic exploration
of the spine and spinal cord, (J Neuroradiol), 15:
62, 1986

62, 1986

Meller S See Bellamy EA
Meller S See Bellamy EA
Meller Y; Yagupsky P; Elitsur Y; et al: chronic
multifocal symmetrical osteomyelitis. report of
two cases in Bedouin infants, (Radiology), 154:
276, 1985

(Radiology), 153: 289, 1984

Mellins HZ See Doubilet PM
Mellins HZ See Manzione JV
Mellins HZ: cystic dilatations of the upper urinary
tract: a radiologist's developmental model,
(Radiology), 153: 291, 1984 Mellins HZ: tribute to Leo G. Rigler, M.D.,

Mellis CM See Henry RL Mello WD See Dooley CP Mellon WS Jr See Newmark H III Melloul M See Chen DCP Melsom M See Aspestrand F Melson GL See Middleton WD Melson GI. See Press GA

Melson GL: kidney, (Clin Diagn Ultrasound), 14: 189, 1984

Melson GL; Shackelford GD; Cole BR; et al. spectrum of sonographic findings in infantile polycystic kidney disease with urographic and clinical correlations, (Radiology), 158: 283, 1986 Meltzer RS; Valk NV; ten Cate F; et al: contrast

Meltzer RS; Valk NV; ten Cate F; et al: contrast echocardiography in pulmonary hypertension: observations explaining the early closure of the pulmonic valve, (Radiology), 152: 862, 1984Meltzer RS; Vered Z; Benjamin P; et al: diagnosing tricuspid regurgitation by direct imaging of the regurgitant flow in the right artium using contrast echocardiography, (Radiology), 152: 264, 1984.

Melville GE See Druy EM Memsic LDF See Brown RK Memula N See Murphy DJ Jr Mena I See Harley DP

Mena I See Harley DP

Mena I; Narahara KA; de Jong R; et al: gold-195m,
an ultra-short-lived generator-produced
radionuclide: clinical application in sequential
first pass ventriculography, (Radiology), 151:
277, 1984

Menanteau B See Gomes H
Menanteau BP: Doppler echocardiography,
(Radiology), 159: 146, 1986
Menanteau BP: vascular and Doppler ultrasound,
(Radiology), 158: 480, 1986
Mencini RA See Moore PT

Mendelow AD See Bullock R Mendelsohn DB See Glass RBJ

Mendelsohn DB See Hertzanu Y Mendelsohn DB; Hertzanu Y: intracerebral pneumatoceles following facial trauma: CT findings, (Radiology), 154: 115, 1985 Mendelsohn DB; Hertzanu Y: migratory redundant lumbar nerve roots. a case report, (Radiology), 156: 277, 1985

Mendelsohn DB; Hertzanu Y; Cohen M; et al: computed tomography of craniofacial fibrou dysplasia, (JCAT), 8: 1062, 1984

dysplasia, (ICAT), 8: 1062, 1984
Mendelsohn DB, Hertzanu Y; Glass RBJ: computed
tomographic appearance of laryngoceles,
(Radiology), 153: 571, 1984
Mendelsohn DB, Hertzanu Y; Glass RBJ; et al:
computed tomographic diagnosis of basilar
artery ectasia, (Radiology), 152: 556, 1984
Mendelsohn DB, Hertzanu Y; Glass RBJ; et al: giant
complex odontoma of the maxillary antrum,
(Radiology), 150: 294, 1984
Mendelson DS, Sec Cohen RA Mendelson DS See Cohen BA

Mendelson DS See Gale JT Mendelson DS See Hermann G Mendelson DS See Rabinowitz IG

Mendelson DS See Rose JS Mendelson DS; Som PM; Crane R; Cohen BA; Spiera H: relaping polychondritis studied by computed tomography, (Radiology), 157: 489,

Mendelson EB See Fisher MR Mendelson EB See Friedman H

Mendelson EB; Fisher MR; Mintzer RA; et al: roentgenographic and clinical staging of allergic bronchopulmonary aspergillosis, (Radiology), 157: 278, 1985 Mendelson EB; Friedman H; Neiman HL; et al: role

of imaging in infertility management, (AJR),

Mendelson RL; Nolan DJ: radiological features of chronic radiation enteritis, (Radiology), 156: 572, 1985

Mendelson RM; Shepherd HA; Mitchell A: "inverted" diverticulum mimicking an ulcerated duodenal tumour, (Radiology), 154:

Indental NP; Thar TL; Agee OF; et al: primary lymphoma of the central nervous system: computerized tomography scan characteristics and treatment results for 12 cases, (Radiology), 152: 854, 1984

ndenhall WM; Million RR: elective neck irradiation for squamous cell carcinoma of the head and neck: analysis of time-dose factors and causes of failure, (Int J Radiat Oncol Biol Phys), 12: 741, 1986

12:741, 1986

Mendenhall WM; Million RR; Cassisi NJ:
squamous cell carcinoma of the head and neck
treated with radiation therapy: role of neck
dissection for clinically positive neck nodes, (Int
J Radiat Oncol Biol Phys), 12:733, 1986

Mendenhall WM; Million RR; Pfaff WW: patterns
of recurrence in adenocarcinoma of the rectum
and rectosigmoid treated with surgery alone:
implications in treatment planning with

implications in treatment planning with adjuvant radiation therapy, (Radiology), 154:

Mendez DR See Post MJD
Mendez G Jr; Russell E; LePage JR; et al:
abandonment of endoprosthetic drainage
technique in malignant biliary obstruction,
(AJR), 143: 617, 1984

(AJK), 143: 617, 1994
Mendiondo OA See Flanigan RC
Meneghello A; Bertoli M: tendon disease and
adjacent bone erosion in dialysis patients,
(Radiology), 152: 842, 1984
Menezes AH See Gentry LR
Menezes AH; See Gmoker WRK
Menezes AH; VanGilder JC; Clark CR; et al:

Menezes AH; VanGilder JC; Clark CR; et al:
odontoid upward migration in rheumatoid
arthritis: analysis of 45 patients with "cranial
settling", (Radiology), 161: 287, 1986
Meng RL; Harlan JL: left anterior descending
coronary artery: right ventricle fistula
complicating percutaneous transluminal
angioplasty, (Radiology), 159: 575, 1986
Menken KL 5ee Noz ME
Mennuti M See Thickman D
Mennuti MT See Grumbach K
Menon AP; Schefft GL; Thach BT; apnea associated
with regurgitation in infants, (Radiology), 157:
281, 1985
Ment LR; Duncan CC; Ehrenkranz RA; et al:

281, 1985
Ment LR; Duncan CC; Ehrenkranz RA; et al:
intraventricular hemorrhage in the preterm
neonate: timing and cerebral blood flow
changes. (Radiology), 153, 849, 1984
Mentser M See Shore RM
Mentzer RM Jr See Tegtmeyer CJ

Menu Y See Grenier P

Menu Y See Grenier P Menu Y; Alison D; Lorphelin J-M; Valla D; Belghiti J; Nahum H: Budd-Chiari syndrome US evaluation, (Radiology), 157: 761. 1985 Menu Y; Lorphelin J-M; Scherrer A; et al: sonographic and computed tomographic evaluation of intrahepatic calculi, (AJR), 145: 579 1985

Menzoian JO See Cantelmo NL Meradji M See Baerts W Meradji M See Gilsanz V

Meradji M See Gilsanz V
Meran S See Hernigou A
Meranze SG See McLean GK
Meranze SG See Svigals PJ
Meranze SG; Coleman BG; Arger PH; et al:
retroperitoneal manifestations of sarcoidosis on
computed tomography, (JCAT), 9: 50, 1985
Meranze SG; McLean GK; Stein EJ; et al: catheter
placement in the azygos system: unusual
approach to venous access, (AJR), 144: 1075,
1985
Meranze SG; Stein EJ; Burke DB; et al; removal of

Meranze SG; Stein EJ; Burke DR; et al: removal of retained common bile duct stones with angiographic occlusion balloons, (AJR), 146: 383, 1986

Mercadante G See De Maria M Mercado S See Cardella JF Mercado S See Hunter DW

Mercado S See Young AT
Mercado S See Young AT
Mercado S; Hawkins J; Herrera MA; et al:
simplified method of introducing double-J stent
catheters using a coaxial sheath system, (AJR),
145: 1271, 1985

Nercado S; Hunter DW; Castaneda-Zuniga WR;
Amplatz K; Young AT; Cardella JF; Lange PH;
Hulbert JC; Reddy PK: double puncture:
effective percutaneous technique for removing
complex, multiple renal calculi, (Radiology),
158: 207, 1986

198: 207, 1986
Mercer JR See Abrams DN
Mercer LJ; Petres RE; Smeltzer JS: ultrasonic diagnosis of ectopia cordis, (Radiology), 150: 869, 1984

Mercer S See Stringel G
Merchant RN; Pearson MG; Rankin AN; et al:
computerized tomography in the diagnosis of
lymphangioleiomyomatosis, (Radiology), 156:
569, 1985

lymphangioleiomyomatosis, (Radiology), 156: 569, 1985

Merchut MP, Haberland C; Naheedy MH; et al: long survival of primary cerebral lymphoma with progressive radiation necrosis, (Radiology), 158: 571, 1986

Mercke CE See Samuelsson I.

Mercker JM; Blumhagen JD; Brewer DK: echographic demonstration of extracerebral fluid collections with the lateral technique, (Radiology), 151: 822, 1984

Mercker JM; Blumhagen JD; Brewer DK: sonography of a hemorrhagic cerebral contusion, (AJNR), 6: 115, 1985

Mercdith J See Glass TA

Meretyk S See Lebensart PD

Merg E; Pehl S; Goldhofer W; et al: biometry of the large fetal bones of the extremities in the third trimester, (Radiology), 158: 285, 1985

Merhar GL See Proto AV

Merkel KK See Birnholz JC

Merkel KD; Brown ML; Fitzgerald RH Jr: sequential technetium-99m HMDP-gallium-67 citrate imaging for the evaluation of infection in the painful prosthesis, (J Nucl Med), 27: 1413, 1986

Merkel KD; Johnson EW Jr: supracondylar fracture of the femur after total knee arthroplasty, (Radiology), 160: 285, 1986 Merkel M See Schaefer SD Merkley R See Hunter TB

Merland J-J See Laredo J-D Merland J-J See Rufenacht D-A Merlini L; Albisinni U; Savini R: case report 384, (Skeletal Radiol), 15: 488, 1986

Merlo RB: essentials of nuclear medicine, (Radiology), 157: 442, 1985

(Radiology), 157: 442, 1985

Merlo RB: essentials of nuclear medicine imaging,
(Radiology), 160: 548, 1986

Merran S; Cariou G; Le Duc A; et al: intraoperative
localization of renal calculi by real-time
ultrasonography, (Radiology), 156: 282, 1985

Merrick MV See Davey P

Merrick MV; Petrie PWR: bone healing
misdiagnosed as recurrent osteoid osteoma,
(Radiology), 157: 851, 1985

Merrill CR; Steiner GM: barium enema after biopsy:
current practice and opinion, (Clin Radiol), 37:
89, 1986

Merrill IM See Schaeffer AI

89, 1986
Merrill JM See Schaeffer AJ
Merrill JR: fistulation to the pancreatic duct
complicating duodenal peptic ulcer,
(Radiology), 156: 856, 1985

Merrill JR: operative cholangiography by direct puncture of the common bile duct, (Radiology), 153: 846, 1984

Merrill TN See Vyborny CJ Merritt CRB See Bluth EI

Merritt CRB; Goldsmith JP; Sharp MJ: sonographic detection of portal venous gas in infants with necrotizing enterocolitis, (AJR), 143: 1059, 1984

Merritt CRF Sullivan MA; Segaloff A; McKinnon WP: real-time transillumination light scanning of the breast, (Radiographics), 4: 989, 1984

989, 1984

Merritt CRB; Tutton RH; Bell KA; Bluth EI;
Kalmar JA; Matthews CC; Miller KD;
Kogutt MS; Balter S: clinical application of
digital radiography: computed radiographic
imaging, (Radiographics), 5: 397, 1985

Merritt CRB; Voorhies RM; Connolly E; et al:
intraoperative neurosurgical ultrasound, (Semin
US CT MR), 6: 31, 1985

Merritt TA See Edwards DK Merten CW See Wiener II Merten DF See Effmann EL Merten DF See Godwin JD Merten DF See Grossman H Merten DF See Halvorsen RA Merten DF See Kirks DR Merten DF See Rice RP Merten DF See Wiener MD Merten DF See Woodruff WW III

Merten DF; Kirks DR: amebic liver abscess in children: role of diagnostic imaging, (AJR), 143: 1325, 1984

Merten DF; Osborne DRS; Radkowski MA; et al: Merten DF; Osborne DRS; Radkowski Mac craniocerebral trauma in the child abus syndrome: radiological observations, (Radiology, 154: 853, 1985 Merton-Gaythorpe JV See Chan B Mertz JH See Lingeman JE Mervart M See Dion JE

Mervin WH Jr, Barnes L; Meyers EN: unilateral cystic sebaceous lymphadenoma of the parotid gland, (Radiology), 158: 573, 1986 Merz E; Goldhofer W: sonographic diagnosis of

lethal osteogenesis imperfecta in the second trimester: case report and review, (JCU), 14: 380,

Merz T; Tatum J; Hirsch J: technetium-99m-labeled lymphocytes: radiotoxicity study, (J Nucl Med), 27: 105, 1986

Mesel E See Valdes-Cruz LM Mesgarzadeh M See Maurer AH Meshkov SL See Garrett PR Messersmith RN See Cronan JJ

Messira M5; Sampson M6; Chumas J; et al: Carney's triad: role of transthoracic needle biopsy, (Radiology), 151: 544, 1984 Messing B; Bories C; Kunstlinger F; et al: does total parenteral nutrition induce gallbladder sludge formation and lithiasis?, (Radiology), 151: 275, 1984.

Messing SG See Manco LG

Messmer JM See Allen HA III
Messmer JM See Cockrell CH
Messmer JM; Fierro MF: radiologic forensic
investigation of fatal gunshot wounds,
(Radiographics), 6: 457, 1986

(Radiographics), 6: 457, 1986
Messmer JM; Greenfield LJ; Greenfield caval filters:
long-term radiographic follow-up study,
(Radiology), 156: 613, 1985
Metes J See Kelly JK
Metes J See Yang PJ
Metes JJ; Lazo A; Wilner HJ; et al: supraophthalmic
placement of microleak balloon catheters for
intracranial chemotherapy infusion:
complications and results of therapy, (AJNR), 6:
948, 1985

Metreau J-M See Guinet C Metroka CE; Cunningham-Rundles S; Pollack MS; et al: generalized lymphadenopathy in homosexual men, (Radiology), 150: 857, 1984 Mettler FA Jr See Brown ML

Mettler FA Jr See Brown ML
Mettler FA Jr See Evens RG
Mettler FA Jr See Gordon RE
Mettler FA Jr See Relsey CA
Mettler FA Jr See Parker TW
Mettler FA Jr See Pollei S
Mettler FA Jr See Pollei S
Mettler FA Jr See Rosenberg RD
Mettler FA Jr See Sheward SE
Mettler FA Jr See Wicks JD
Mettler FA Jr See Williams AG Jr
Metz CE See Ishida M
Metz CE See MacMahon H
Metz CE SOC methodology in pad
Metz CE SOC methodology in pad

Metz CE: ROC methodology in radiologic imaging, (Invest Radiol), 21: 720, 1986

(Invest Radiol), 21: 720, 1980
Metz KR; Stankiewicz PJ; Sassani JW; et al: pulse techniques for the suppression of individual components in multiexponential relaxation curves, (Magn Res Med), 3: 575, 1986
Metz P; Ebbehoj J; Uhrenholdt A; et al: Peyronie disease and erectile failure, (Radiology), 152:

Meuli RA; Wedeen VJ; Geller SC; Edelman RR; Frank LR; Brady TJ; Rosen BR: MR gated subtraction angiography: evaluation of lower extremities, (Radiology), 159: 411, 1986

Meunier S See Kalifa G

Mews GC: percutaneous transluminal coronary angioplasty in Australia, (Radiology), 154: 850, 1985

Meyenburg M See Wegner R-D
Meyer AA; Crass RA; Lim RC Jr; et al: selective
nonoperative management of blunt liver injury
using computed tomography, (Radiology), 157:
286, 1985

286, 1985 Meyer CR See Carson PL Meyer CR See Chenevert TL Meyer GA See Choi SK Meyer GA See Collier BD Meyer GA See Daniels DL Meyer GA See Petty AM Meyer JA See Hogstrom KR Meyer JD See Bergman I

Meyer JE See Kopans DB Meyer JE See Lindfors KK Meyer JE; Kopans DB: appearance of the therapeutically irradiated breast on whole-breast water-path ultrasonography, (Radiology), 151: 833, 1984

Meyer JE; Kopans DB; Stomper PC; Lindfors KK: occult breast abnormalities: percutaneous preoperative needle localization, (Radiology), 150: 335, 1984

Meyer JE; Lepke RA; Lindfors KK; Pagani JJ; Hirschy JC; Hayman LA; Momose KJ; McGinnis B: chordomas: their CT appearance in the cervical, thoracic and lumbar spine.

(Radiology), 153: 693, 1984

Meyer JE; McLoud TC; Lindfors KK: CT
demonstration of cardiophrenic angle
lymphadenopathy in Hodgkin disease, (JCAT),
9: 485, 1985

9: 485, 1985 Meyer JE; Oot RF; Lindfors KK: CT appearance of clival chordomas, (JCAT), 10: 34, 1986 Meyer JE; Taveras JM; Stomper PC: oncologic diagnostic radiology: a model for

diagnostic radiology: a model for implementation, (Radiology), **150**: 271, 1984 **Meyer JP** See **Wilbur AC** 

Meyer JS See Tachibana H Meyer K See Pera A

Meyer K, See Pera A
Meyer K, Seirgis N; McGravey V: adenovirus
associated with congenital pleural effusion,
(Radiology), 158: 863, 1986
Meyer M See Labbe A
Meyer PR See Burkes RL

Meyer RA See Bisset GS III Meyer RJ See Yeh H-C Meyerovitz MF See Bettmann MA Meyerovitz MF See Boxt LM Meyerovitz MF See Gardiner GA Jr Meyerovitz MF See Levin DC

Meyerovitz MF; Fellows KE: angiography in gastrointestinal bleeding in children, (AJR), 143: 837, 1984

Meyerovitz MF; Fellows KE: typhlitis: a cause of gastrointestinal hemorrhage in children, (AJR), 143: 833, 1984

Meyerovitz Mf; Levin DC; Boxt LM: superselective catheterization of small-caliber arteries with a new high-visibility steerable guide wire, (AJR), 144: 785, 1985

Meyers CA; Levin HS; Eisenberg HM; et al: early versus late lateral ventricular enlargement following closed head injury, (Radiology), 152: 856, 1984

Meyers DG; McCall D; Sears TD; et al: duplex pulsed Doppler echocardiography in mitral regurgitation, (JCU), 14: 117, 1986 Meyers EN See Merwin WH Jr

Meyers LJ See Lynn MD Meyers M See McGahan JP Meyers PC See Giyanani VL Meyers PC See Mirfakhraee M

Meyers TP See Sherry CS Meyers TP See Sherry CS Meyer-Waarden K See Strecker E-P Meziane MA; Fishman EK; Goldman SM; et al: computed tomography of high density renal cysts in adult polycystic kidney disease, (JCAT),

10: 767. 1986

Meziane MA; Fishman EK; Siegelman SS: CT
diagnosis of hemopericardium in acute
dissecting aneurysm of the thoracic aorta,
(Radiology), 153: 279, 1984

Mezzich RS; Axel L; Dougherty L; Kressel HY: strip
scan: method for faster MR imaging,
(Radiographics), 6: 833, 986

Micaily B See Markoe AM

Michael A See Vade A

Michael AS See Renigers SA

Michael AS; Mafee MF; Valvassori GE; Tan WS:
dynamic computed tomography of the head and

dynamic computed tomography of the head and neck: differential diagnostic value, (Radiology), 154: 413, 1985

Michael RH See Holder LE

Michaels HB see Holder LE Michaels HB: oxygen depletion in irradiated aqueous solutions containing electron affinic hypoxic cell radiosensitizers, (Int J Radiat Oncol Biol Phys), 12: 1055, 1986 Michaels L See Woodson GE

Michalowski A: pathogenesis of the late side-effects of radiotherapy, (Clin Radiol), 37: 203, 1986 Michaud A See Ginalski J-M

Michaud A See Ginalski J-M
Michaud J See Duprat G Jr
Michel SL See Morgenstern L
Micheli LJ See Friedman RJ
Michelsen WJ See Mawad ME
Michowitz M See Solomon A
Michowitz SD; Rappaport HZ; Shaked I; et al:
thoracic disk herniation associated with
papilledema. case report, (Radiology), 157: 572,
1985

Mickel RA See Kessler DI Mickelson M See Wenger DR Mickle JP See Coffey R Mickle JP See Hawkins J Mickle JP See Quisling RG

onstration of the

Mickle JF See Quisting RG Micklos TJ: Proto AV: CT demonstrati coronary sinus, (JCAT), 9: 60, 1985 Middaugh RE See Bauman JM Middleton MS See Stark DD Middleton RA See Simon TR Middleton RG See Smith JA Jr Middleton WD See Kneeland JB

Middleton WD; Edelstein G; Reinus WR; et al: sonographic detection of rotator cuff tears, (AJR), 144: 349, 1985

Middleton WD; Edelstein G; Reinus WR; et al: ultrasonography of the rotator cuff: technique and normal anatomy, (J Ultrasound Med), 3: 549, 1984

Middleton WD; Inouye LW; Picus D: right upper quadrant pain and tenderness in a young man, (Invest Radiol), 21: 670, 1986

Middleton WD; McAlister WH: hip joint fluid in the presence of the vacuum phenomenon, (Pediatr Radiol), 16: 171, 1986

Middleton WD; Reinus WR; Melson GL; et al: pitfalls of rotator cuff sonography, (AJR), 146: 555, 1986

505, 1980 Middleton WD; Reinus WR; Totty WG; Melson GL; Murphy WA: US of the biceps tendon apparatus, (Radiology), 157: 211, 1985
Mies C See Rich TA.

Mietta A See Beluffi G Miguet JP See Didier D Mihm FG See Halperin BD Mihm FG See Halperin BD Mikaelian DO See Nino-Murcia M Mikami R See Yoshimura H Mikhael MA See Ciric IS Mikhael MA, Ciric IS; Tarkington JA: MR imaging in spinal echinococcosis, (ICAT), 9: 398, 1985

Mikhael MA; Ciric IS; Wolff AP: differentiation of cerebellopontine angle neuromas and meningiomas with MR imaging, (JCAT), 9: 852,

Mikhail RA See Guillamondegui OM Mikulis DJ; Costello P; Clouse ME: hepatic hemangioma: atypical appearance, (AJR), 145: 77, 1985

Milachowski KA See Matzen KA Milam SB See Harms SE Milas L; Hunter N; Basic I; et al: effect of the

radiosensitizer misonidazole and the radioprotector diethyldithiocarbamate on spontaneous metastasis formation of murine tumors, (Int J Radiat Oncol Biol Phys), 12: 1071,

1986
Milde MW See Foley WD
Mildenyi M; Balogh L; Schmidt K; et al: new variant
of the acrorenal syndrome associated with
bilateral oligomeganephronic hypoplasia,
(Radiology), 155: 856, 1985
Miles B See Littleton RH
Miles BJ See Fernandez JA
Milette PC; Melanson D: reappraisal of lumbar
discography, (Radiology), 150: 856, 1984
Milgran JW; Jasty M; case report 361, (Skeletal
Radiol), 15: 258, 1986

Milgrom C; Kaplan L; Lax E: case report 341, (Skeletal Radiol), 15: 150, 1986 Milio L See Snyder JR Millan D See McNeil BJ Millan JM See Gordillo I Millan JM; Escudero L; Roger RL; et al: actinomycotic brain abscess: CT findings, (JCAT), 9: 976, 1985 Millar EA See Schlesinger AE Millar EA See Weinstein IN Mille R See Coleman CC Millen SJ See Daniels DL Miller AB See Baines CJ Miller CA See Ahmadi J Miller CA See Hill SA
Miller CL; Wechsler RJ: CT evaluation of Kimray-Greenfield filter complications, (AJR), 147: 45,

Miller D; Hill JL; Sun C-C; et al: diagnosis and management of pyriform sinus fistulae in infants and young children, (Radiology), 150: 859, 1984

Miller DA; Carrasco CH; Katz RL; et al: fine needle aspiration biopsy: role of immediate cytologic assessment, (AJR), 147: 155, 1986 Miller DD See Gill JB

miller DD; Elmaleh DR; McKusick KA; et al: radiopharmaceuticals for cardiac imaging, (Radiol Clin North Am), 23: 765, 1985 Miller DK See Brody JM Miller DL See Doppman JL Miller DL See Frizzell LA

Miller DL See Krudy AG Miller DL See Williams AR

Miller DI, Bacher JD, O'Leary TJ; et al: comparison of hot contrast material and hot saline for renal ablation in a canine model, (Invest Radiol), 21: 56, 1986

Miller DL; Doppman JL; Andriole GL; et al: pheochromocytoma supplied by the dors pancreatic artery, (AJR), 145: 385, 1985

Miller DL; Fink IJ; Waldmann TA; et al: upright film in lymphangiographic detection of lymphangiomatosis, (AJR), 145: 847, 1985

Miller DL; Lamore BJ; Boraker DK: lack of effect of pulsed ultrasound on ABO antigens of human erythrocytes in vitro, (Ultrasound Med Biol), 12: 209, 1986

Aug., 1980 Miller DL; Reinig JW; Volkman DJ: vascular imaging with MRI: inadequacy in Takayasu's arteritis compared with angiography, (AJR), 146: 949, 1986

949, 1986
Miller DL; Schneider PD; Gianola FJ; et al:
assessment of perfusion patterns during hepatic
artery infusion chemotherapy: EOE-13 CT and
""TC-MAA Scintigraphy, (AJR), 143: 827, 1984
Miller DL; Udelsman R; Sugarbaker PH:
calcification of pseudomyxoma peritonei
following intraperitoneal chemotherapy: CT
demonstration, (JCAT), 9: 1123, 1985

Miller DL; Vermess M; Doppman JL; et al: CT of the liver and spleen with EOE-13: review of 225 examinations, (AJR), 143: 235, 1984

examinations, (AJR), 143: 235, 1984
Miller DL; Vucich JJ; Cope C: flexible shield to
protect personnel during interventional
procedures, (Radiology), 155: 825, 1985
Miller DR; Egbert RM; Braunstein P: comparison of
ultrasound and hepatobiliary imaging in the
early detection of acute total common bile duct
obstruction, (Radiology), 156: 284, 1985

Miller ED See Newsome DA Miller EI See Chinn DH Miller EI See Worthy L Miller FA See Nishimura RA Miller FJ See de Vries N Miller FJ See de Vries N Miller FJ See Liu P Miller FJ See Soper NJ Miller GA See Degesys GE Miller GA See Dunnick NR Miller GA Jr See Braun SD Miller GA Jr See Ford KK

Miller GA Jr; Ford KK; Braun SD; et al: percutaneous transluminal angioplasty vs. surgery for renovascular hypertension, (AJR), 144: 447, 1985

Miller GA Jr; Heaston DK; Moore AV Jr; et al: CT differentiation of thoracic aortic aneurysms

differentiation of thoracic aortic aneurysm from pulmonary masses adjacent to the mediastinum, (Radiology), 154: 858, 1985 Miller GM; Stears JC; Guggenheim MA; et al: schizencephaly: a clinical and CT study, (Radiology), 155: 279, 1985

Miller GW See Ball JB Jr Miller GW See Myer CM III Miller HAB See Berthoty DF Miller I See Pastakia B Miller I See Faulkner K

Miller JDR: delitorial. diagnosis of the herniated lumbar disc, (Radiology), 150: 856, 1984 Miller JDR; Capusten BM; Lampard R: changes at the base of skull and cervical spine in Down syndrome, (J Canad Assoc Radiol), 37: 85, 1986

Miller JDR; Grace MGA; Lampard R: computed tomography of the upper cervical spine in Down syndrome, (JCAT), 10: 589, 1986

tomography of the upper cervical spine in Down syndrome, (ICAT), 10: 589, 1986
Miller JF See Hoadley SD
Miller JH See Donaldson JS
Miller JH See Senac MO Jr
Miller JH Sie Senac MO Jr
Miller JH: lingual thyroid gland: sonographic appearance, (Radiology), 156: 83, 1985
Miller JH; Greenspan BS: integrated imaging of hepatic tumors in childhood, part II: benign lesions (congenital, reparative, and inflammatory), (Radiology), 154: 91, 1985
Miller JH; Greenspan BS: integrated imaging of hepatic tumors in childhood, part I: malignant lesions (primary and metastatic), (Radiology), 154: 83, 1985
Miller JH; Greenspan BS: integrated imaging of hepatic tumors in childhood: reply, (Radiology), 158: 278, 1985

hepatic tumors in childhood: reply, (Radiology), 158: 278, 1986

Miller JH; Hayon II: bone scintigraphy in hypervitaminosis A, (AJR), 144: 767, 1985

Miller JH; Hayon II: bone scintigraphy in hypervitaminosis A, (AJR), 144: 767, 1985

Miller JH; Kemberling CR: ultrasound scanning of the gastrointestinal tract in children: subject review, (Radiology), 152: 671, 1984

Miller JH; Reid BS; Kemberling CR: water-path ultrasound of chest disease in childhood, (Radiology), 152: 401, 1984

Miller JK see Oliver TW Jr

Miller JL See Oliver TW Jr

Miller JM Jr; Korndorffer FA III; Gabert HA: fetal weight estimates in late pregnancy with emphasis on macrosomia, (JCU), 14: 437, 1986

Miller KD See Merritt CRB

Miller KD See Merritt CRB

Miller KS; Tomlinson JR; Sahn SA: pleuropulmonary complications of enteral tube feedings. two reports, review of literature, and recommendations, (Radiology), 158: 565, 1986

Miller LA See Stapleton FB

Miller M See Giels DJ

Miller M See Frederick PR

Miller MH See Frederick PR
Miller MH See Tocino IM
Miller MH; Tucker WS; Bilbao JM: supratentorial
hemangioblastoma associated with Von Hippel
Lindau disease: case report and review of the
literature, (J Canad Assoc Radiol), 37: 35, 1986
Miller MP See Cole FH Jr
Miller MW See Ciaravino V
Miller MW See Ciaravino V

Miller MW See Claravino V
Miller MW: influence of in vitro experimental
design, (Ultrasound Med Biol), 12: 682, 1986
Miller MW: in vitro studies: single cells and
multicell spheroids, (Clin Diagn Ultrasound),
16: 35, 1985

Miller NR See McDonnell P Miller NR See Repka MX
Miller PR See Haynes JW
Miller R See Coleman CC
Miller RA; Wickham JEA: optical triradiate

nephroscope: new concept in percutaneous renal surgery, (Radiology), 154: 273, 1985 Miller RA; Wickham JEA: percutaneous nephrolithotomy: advances in equipment and endoscopic techniques, (Radiology), 154: 272,

1985
Miller RA; Wickham JEA; Reynolds SE; et al:
explosive nephrolithopaxy: reality or fiction?,
(Radiology), 154: 273, 1985
Miller RC; Kopecky KJ; Hiraoka T; et al:
comparison of radiosensitivities of human
autologous normal and neoplastic thyroid
epithelial cells, (Br J Radiol), 59: 127, 1986
Miller RE See Maglinte DDT
Miller RE See Rex DK
Miller RE; seakinglags of the small bowel; modern

Miller RE: radiology of the small bowel: modern enteroclysis technique and atlas, (Radiology), 150: 344, 1984

Miller RH III See Fried R Miller RP See Stavas JM Miller RR See Muller NL Miller RW See Fraass BA

Miller RW; Carmody RF; Seeger JS; et al: digital subtraction angiography: applications to otolaryngology—head and neck surgery, (Radiology), 151: 552, 1984 Miller S See Dyer R

Miller S See Rao S Miller SL See Yonas H Miller SM See Deutsch AL Miller SW See Dinsmore RE Miller SW See Greene R

Miller SW See Stratemeier EJ Miller SW; Boucher CA: assessing the adequacy of myocardial perfusion in man: anatomic and functional techniques, (Radiol Clin North Am), 23: 589, 1985

Miller SW; Brady TJ; Dinsmore RE; et al: cardiac magnetic resonance imaging: Massachusetts General Hospital experience, (Radiol Clin North Am), 23: 745, 1985

Miller SW; Dinsmore RE: aortic root abscess resulting from endocarditis: spectrum of angiographic findings, (Radiology), 153: 357, 1984

Miller T: technology of nuclear magnetic resonance, (Radiology), 157: 696, 1985

Miller TL See Katzberg RW
Miller TL; Katzberg RW; Tallents RH; Bessette RW;
Hayakawa K: temporomandibular joint clicking
with nonreducing anterior displacement of the
meniscus, (Radiology), 154: 121, 1985
Miller TR; Goldman KJ; Epstein DM; Biello DR;
Sampathkumaran KS; Kumar B; Siegel BA:
gated cardiac blood-pool studies: use of digital
filters, (Radiology), 152: 795, 1984
Miller TR; Goldman KJ; Sampathkumaran
KS; et al: analysis of cardiac diastolic function:
application in coronary artery disease.

application in coronary artery disease (Radiology), 150: 302, 1984

Miller VE See Rubin E
Miller VE; Berland LL: pulsed Doppler duplex
sonography and CT of portal vein thrombosis,
(AJR), 145; 73, 1985
Miller WA See Balcar I

Miller WC, Heard JG; Unger KM; et al: anatomical lung shunting in pulmonary fibrosis, (Radiology), 161: 283, 1986 Miller WE See Zerhouni EA Miller WT See Albelda SM

Miller WI See Albelda SM
Miller WI See Aronchick JM
Miller WI See Epstein DM
Miller WI See Gefter WB
Miller WI See Marinelli DL
Miller WI, Aronchick JM; Epstein DM; et al:
troublesome nipple shadow, (AJR), 145: 521, 1985

Millet D See Tadmor R Milligan SA; Stulbaerg MS; Gamsu G; et al: pneumocystis carinii pneumonia radiographically simulating tuberculosis, (Radiology), 159: 570,

Millikan WJ See Henderson JM Millikan WJ Jr See Potts JR III Million RR See Mendenhall WM Million RR See Mendenhall WM Millmond SH See Maurer AH Millner MR See Grantham JR Mills BA See Zuckerman GR Mills C See Sobel DF Mills CM See Brant-Zawadzki M Mills CM See Crooks LE Mills CM See Dillon WP
Mills CM See Feinberg DA
Mills CM See Holland BA Mills CM See Ortendahl DA Mills CM See Posin JP

Mills CM See Posin JP
Mills CM; Brant-Zawadzki M; Crooks LE; et al:
nuclear magnetic resonance: principles of blood
flow imaging, (AJR), 142: 165, 1984
Mills CM; Crooks LE; Kaufman L; BrantZawadzki M: cerebral abnormalities: use of
calculated T1 and T2 magnetic resonance images
for diagnosis, (Radiology), 150: 87, 1984
Mills CS; Van Aman ME: modified technique for
percutaneous transfemoral pulmonary
angiography, (Cardiovasc Intervent Radiol), 9:
52, 1986
Mills MD See Hoostrom VP

Mills MD See Hogstrom KR Mills PR See Meek DR Mills T See Anderson JR Millward SF See Fitzsimons PJ Millward SF See Ramsewak W

Millward SF 5ek Amsewak W
Millward SF, Chapman A, Somers S;
Stevenson GW: rectal biopsy as a cause of rectal
ulceration, (Radiology), 156: 42, 1985
Millward SF, Ramsewak W; Fitzsimons P; et al:
percutaneous drainage of iliopsoas abscess in
Crohn's disease, (Gastrointest Radiol), 11: 289,

1986
Millward SF; Ramsewak W; Joseph G; et al:
pericardial varices demonstrated by computed
tomography, (JCAT), 9: 1106, 1985
Milne ENC See Pistolesi M
Milne ENC; Imray TJ; Pistolesi M; Miniati M;
Giuntini C: vascular pedicle and the vena
azygos. part III: in trauma—the "vanishing"
azygos, (Radiology), 153: 25, 1984
Milne ENC; Pistolesi M; Miniati M; et al: radiologic
distinction of cardiogenic and noncardiogenic
edema, (AJR), 144: 879, 1985
Milne ENC; Pistolesi M; Miniati M; Giuntini C:

Mine ENC; Pistolesi M; Miniati M; Giuntini C: vascular pedicle of the heart and the vena azygos. part I: the normal subject, (Radiology), 152: 1, 1984

132: 1, 1984 Milne N See Wu S-y Milner GR; Levick RK; Kay R: assessment of bone age: comparison of the Greulich and Pyle, and the Tanner and Whitehouse methods, (Clin Radiol), 37: 119, 1986

Milstein JM See Hepworth RC
Milton T: case of the season, (Semin Roentgenol),
20: 5, 1985

zu: 5, 1985
Milton WJ; Datz FL: thrombophlebitis: potential
cause for diffuse lower extremity uptake on
bone imaging, (Clin Nucl Med), 11: 26, 1986
Miltz-Milter S See Sirr SA
Minagi H See Goodman PC

Minagi H See Laing FC Minaire P See Bleck EE

Minami K; Tatsuta N; Matsuda K:
echocardiographic findings of a tumor-like
dysplasia of the aortic valve in an infant, (J
Ultrasound Med), 4: 207, 1985
Minar E; Ehringer H; Sommer G; et al: prevention
of postvenographic thrombosis by heparin
flush: fibrinogen uptake measurements, (AJR),
143: 629, 1984
Minchinen Al: Stratford MRI: comparison of

143: 629, 1994

Minchinton AI, Stratford MRL: comparison of tumor and normal tissue levels of acidic, basic and neutral 2-nitroimidazole radiosensitizers in mice, (Int J Radiat Oncol Biol Phys), 12: 1117,

Mindell HJ See Barth RA
Mindelzun RE; Hicks SM: adult Hirschprung
disease: radiographic findings, (Radiology), 160: 623 1986

623, 1986
Mindelzun RE; McCort JJ: cupola sign of pneumoperitoneum in the supine patient, (Gastrointest Radiol), 11: 283, 1986
Mindelzun RE; McCort JJ: upper abdominal trauma: conventional radiology, (Semin Roentgenol), 19: 259, 1984

Aineura K See Itoh Y Minguetti G; Ferreira MVC: computed tomography in neurocysticercosis, (Radiology), 152: 258, 1984

1984 Miniati M See Milne ENC Miniati M See Pistolesi M Mink JH See Deutsch AL Mink JH See Jacob JR Mink JH See Pressman BD

Mink JH See Resnik CS
Mink JH: percutaneous bone biopsy in the patient
with known or suspected osseous metastases,
(Radiology), 161: 191, 1986
Mink JH: Havie F. P.

(Radiology), 161: 191, 1986
Mink JH; Harris E; Rapaport M: rotator cuff tears: evaluation using double-contrast shoulder arthrography, (Radiology), 157: 621, 1985
Minkoff H See Schaffer RM
Minnaar PC See van Aswegen A
Mino DE; Palmer AK; Levinsohn EM: radiography and computerized tomography in the diagnosis of incongruity of the distal radio-ulnar joint, (Radiology), 156: 564, 1985
Minor GR See Glass TA
Minton MI; McIver I; Canpuccio FP: et al: case

Minton My, McIvor J; Cappuccio FP; et al: case report: renovascular hypertension following radiotherapy and chemotherapy treated by transluminal angioplasty, (Clin Radiol), 37: 399, 1986

Mintum MA See Schuster DP Minty BD See Royston D Mintz GS See DePace NL Mintz MSee Derace NL Mintz M See Thickman D Mintz MC See Arger PH Mintz MC See Coleman BG Mintz MC See Coscina WF

Mintz MC See Grumbach K Mintz MC See Isaacson G Mintz MC See Radecki PD

Mintz MC See Radecki PD
Mintz MC; Arger PH; Coleman BG; in utero
sonographic diagnosis of intracerebral
hemorrhage, (J Ultrasound Med.). 4: 375, 1985
Mintz MC; Grumbach K; Arger PH; et al:
sonographic evaluation of bile duct size during
pregnancy. (A]R), 145: 575, 1985
Mintz MC; Kurtz AB; Arenson R; et al: abruptio
placentae: apparent thickening of the placenta
caused by hyperechoic retroplacental clot, (J
Ultrasound Med), 5: 411, 1986
Mintzer RA See Cohen MI
Mintzer RA See Fisher MR
Mintzer RA See Fisher MR
Mintzer RA See Rendelson EB
Mintzer RA See Pendelson EB
Mintzer RA See Pendelson EB

Mintzer RA See Perlman SJ Mintzer RA See Sider L

Minuk T See Baines CJ
Minuk T See Baines CJ
Mioto D; Feltrin G; Calamosca M; radiation
protection device for use during percutaneou
transhepatic examinations, (Radiology), 151:
799, 1984

Mir S See Bechtel W Mir S See Kudo S

Mir S See Kudo S
Miraldi F: potential of NMR and PET for
determining tumor metabolism, (Int J Radiat
Oncol Biol Phys), 12: 1033, 1986
Miraldi FD See Ament AE
Miraldi FD See Lieberman JM
Miraldi FD, Nelson AD, Kraly C; Ellery S;
Landmeier B; Coccia PF; Strandjord SE;
Cheung N-KV: diagnostic imaging of human
neuroblastoma with radiolabeled antibody,
(Radiology), 161: 413, 1986
Miranda M; Defilippi CD; Valenzuela JE:
abnormalities of interdigestive motility complex
and increased duodenogastric reflux in gastric
ulcer patients, (Radiology), 156: 265, 1985
Miranda R See Harley DP

ulcer patients, (Radiology), 156: 265, 1985
Miranda R See Harley DP
Mirfakhraee M See Giyanani VL
Mirfakhraee M See Guinto FC Jr
Mirfakhraee M See McArdle CB
Mirfakhraee M; Benzel EC; Crofford MJ; et al:
metrizamide shuntography for evaluation of
shunt malfunction in hydrocephalus, (AJNR), 6:
815, 1985

Mirfakhraee M; Crofford MJ; Guinto FC Jr; Nauta HJW; Weedn VW: Virchow-Robin space: path of spread in neurosarcoidosis, (Radiology), 158: 715, 1986

158: 715, 1986 Mirfakhraee M; Gerlock AJ Ir; Benzel EC; Giyanani VL; Meyers PC: external carotid artery angioplasty in cerebrovascular insufficiency, (Radiographics), 4: 423, 1984 Mirfakhraee M; Gerlock AJ Ir; Giyanani VL; Sadree A: thin spinal or biopsy needle guidance, (Radiology), 154: 240, 1985

Mirich D; Raval B: computed tomography demonstration of traumatic suburothelial hemorrhage, (CT), 10: 71, 1986

Mirk P See Maresca G Mirk P See Solbiati L

Mirk P; Calisti A; Fileni A: prenatal sonographic diagnosis of bladder extrophy, (J Ultrasound Med), 5: 291, 1986

Mirkin LD See Mail JT Mirra J See Casey D Mirra JM; Kameda N: case report 366, (Skeletal Radiol), 15: 323, 1986

Mirvis S; Stewart M; Rao KCVG: myelographic demonstration of "nodular radiculopathy" in acute myelogenous leukemia, (AJNR), 5: 641,

Mirvis SE; Indeck M; Schorr RM; Diaconis JN:

Mirvis SE; Indeck M; Schorr RM; Diaconis JN: posttraumatic tension pneumopericardium: "small heart" sign, (Radiology), 158: 663, 1986 Mirvis SE; Pais SO; Gens DR: thoracic aortic rupture: advantages of intraarterial digital subtraction angiography, (AJR), 146: 987, 1986 Mirvis SE; Rodriguez A; Whitley NO; et al: CT evaluation of thoracic infections after major trauma, (AJR), 144: 1183, 1985 Mirvis SE; Vune LWR; Kersmett R; et al.; plain fill

Mirvis SE; Young JWR; Keramati B; et al: plain film evaluation of patients with abdominal pain: are three radiographs necessary?, (AJR), 147: 501,

Misawa T See Funada H Mischke RE See Goin DW Mishkin FS See Patel R

Mishkin J; Makler PT Jr; Velchik MG: bone imaging appearance of Pelligrini Stieda syndrome, (Clin Nucl Med), 11: 291, 1986

Mishkin J; Makler PT Jr; Velchik MG; et al: technetium-99m DISIDA imaging in autosomal-dominant polycystic kidney, (Clin Nucl Med), 11: 368, 1986

Mishkin JD See Levine MS Mishriki Y See Lundy J Miskowiak J See Solgaard S Miskowiak J See Vyberg M Misra LK See Narayana PA

Mistra LK See Narayana PA
Mistretta CA See Hasegawa BH
Misumi S See Naganuma H
Miszalok V; Fritzsch T; Schartl M: myocardial
perfusion defects in contrast echocardiography:
spatial and temporal localisation, (Ultrasound
Med Biol), 12: 581, 1986
Mitchell B See Mendelson RM
Mitchell B See Swayne LC
Mitchell B CR Cordon L Chescalle IM: clinical

Mitchell CD; Gordon I; Chessells JM: clinical, haematological, and radiological features in T-cell lymphoblastic malignancy in childhood, (Clin Radiol), 37: 257, 1986

Mitchell DG See Rao VM

Mitchell DG; Bjorgvinsson E; terMeulen D; et al: Gastrografin versus dilute barium for colonic C examination: blind, randomized study, (JCAT), 9: 451, 1985

Mitchell DG; Gefter WB; Spritzer CE; Blasco L; Nulson J; Livolsi V; Axel L; Arger PH; Kressel HY: polycystic ovaries: MR imaging, (Radiology), 160: 425, 1986 Mitchell DG; Hill MC: obstructive jaundice due to

multiple myeloma of the pancreatic head: CT evaluation, (JCAT), 9: 1118, 1985

Mitchell DG; Hill MC; Hill SC; Zaloudek C: serous carcinoma of the ovary: CT identification of metastatic calcified implants, (Radiology), 158: 649, 1986

649, 1996 Mitchell DG; Kressel HY; Arger PH; Dalinka MK; Spritzer CE; Steinberg ME: avascular necrosis of the femoral head: morphologic assessment by MR imaging, with CT correlation, (Radiology), 161: 739, 1986

Mitchell DG; Rao VM; Dalinka MK; et al: MRI of joint fluid in the normal and ischemic hip, (AJR), 146: 1215, 1986

(A)R), 146: 1215, 1986
Mitchell DG, Rao VM; Dalinka MK; Spritzer CE;
Axel L; Gefter WB; Kricun ME; Steinberg ME;
Kressel HY: hematopoietic and fatty bone
marrow distribution in the normal and ischemic
hip: new observations with 1.5-T MR imaging,
(Radiology), 161: 199, 1986

(Kadiology), Ibl: 199, 1986 Mitchell DM; Shah SH; Edwards D; et al: incidence of pulmonary nodules detected by computed tomography in patients with bronchial carcinoma, (Clin Radiol), 37: 151, 1986 Mitchell IC See Willson SA

Mitchell IM; Saunders NR; Maher O; et al: surgical treatment of idiopathic mediastinal fibrosis: report of five cases, (Radiology), 161: 283, 1986

Mitchell JB; Phillips TL; DeGraff W; et al: relationship of SR-2508 sensitizer enhancement ratio to cellular glutathione levels in human tumor cell lines, (Int J Radiat Oncol Biol Phys), 12: 1143, 1986

12: 1143, 1986

Mitchell MD, Kundel HL; Axel L; et al: agarose as a tissue equivalent phantom material for NMR imaging, (Magn Res Imag), 4: 263, 1986

Mitchell MD, Kundel HL; Steinberg ME; et al: avascular necrosis of the hip: comparison of MR, CT, and scintigraphy, (AJR), 147: 67, 1986

Mitchell ML; Ackerman LV: metastatic and pseudomalignant osteoblastoma: report of two unusual cases, (Skeletal Radiol), 15: 213, 1986

Mitchell MR, Ge Eisenberg AD

Mitchell MR, Tarr RW; Conturo TE; Partain CL; James AE Jr: spin echo technique selection: basic principles for choosing MR pulse sequence timing intervals, (Radiographics), 6: 245, 1986

Mitchell RS See Ginsburg R

Mitchell RS See Ginsburg R Mitchell SE See Auster M Mitchell SE See Gallacher DJ Mitchell SE See Halden WJ Ja Mitchell SE See Kaufman SL Mitchell SE See Kinnison ML Mitchell SE See Scott WW Jr

Mitchell SE See Shuman L
Mitchell SE; Clark RA: comparison of computed

tomography and sonography in choledocholithiasis, (AJR), 142: 729, 1984 Mitchell SE; Kan JS; White RI Jr: interventional

Mitchell St; Kan Js; White KI Jr: interventional techniques in congenital heart disease, (Semin Roentgenol), 20: 290, 1985
Mitchell SE; Shuman L; Kaufman SL; Chang R;
Kadir S; Kinnison M; White RI Jr: biliary catheter drainage complicated by hemobilia: treatment by balloon embolotherapy, (Radiology), 157: 645, 1985

(Radiology), 157: 645, 1985

Mitcheson HD; Zamenhof RG; Bankoff MS; et al:
determination of the chemical composition of
urinary calculi by computerized tomography,
(Radiology), 152: 561, 1984

Mitnick JS; Bosniak MA; Rothberg M; et al:
metastatic neoplasms to the kidney studied by
computed tomography and sonography, (JCAT),
9: 43, 1985

Mitnick JS; Pinto RS; Lin JP; Rose H; Lieberman A: CT of thrombosed arteriovenous malformations in children, (Radiology), 150: 385, 1984

Mitomo M See Miura T Mittal B; Rao DV; Marks JE; et al: role of radiation

in the management of early vocal cord carcinoma, (Radiology), 154: 572, 1985 Mittal BB, Deutsch M; Kennerdell JJ; Johnson B: paraccular lymphoid tumors, (Radiology), 15 793, 1986

793, 1986
Mittal BB; Matuschak G; Culpepper J:
endobronchial interstitial brachytherapy using
a bronchofiberscope with a flexible injector
system, (Radiology), 152: 219, 1984
Mittelstadt CA Seo Durrell CA III
Mittelstadt CA Seo Parker LA

Mittelstaedt CA See Vincent LM

Mittelstaedt CA See Vincent LM
Mittelstaedt CA; McCartney WH; Mauro MA; et al:
spleen, (Clin Diagn Ultrasound), 14: 235, 1984
Mittelstaedt CA; Staab EV; Drobnes WE;
Daniel EB: intraoperative uses of real-time
ultrasound, (Radiographics), 4: 267, 1984
Mittelman D See Mafee MF

Mitty HA See Baltaxe HA Mitty HA See Dan SJ Mitty HA See Train JS

Mitty HA: ureteral stenting facilitated by antegrade transurethral passage of guide wire, (AJR), 142: 831 1984

ost. 1984 Mitty HA; Warner RRP; Newman LH; Train JS; Parnes IH: control of carcinoid syndrome with hepatic artery embolization, (Radiology), 155: 623, 1985 ith

Miura K See Moriyasu F Miura K See Nakao N

Miura K See Yamakita N Miura M; Matsukado Y; Kodama T; et al: clinical and histopathological characteristics of gonadotropin-producing pituitary adenomas, (Radiology), 158: 286, 1986 Miura S See Yanno I Miura S See Yamamoto S

Miura T See Hishikawa Y Miura T See Nakao N

Miura T; Mitomo M; Kawai R; et al: CT of the brain in acute carbon monoxide intoxication: in acute carbon monoxide intoxication: characteristic features and prognosis, (AJNR), 6: 739, 1985

Miyaishi K See Takahashi I Miyake H See Sakai M Miyake H See Taki W Mivake T See Morivasu I Miyamoto Y See Tsujimoto F Miyamura M See Kudo M Miyasaka K See Isu T

Miyasaka K; Isu T; Iwasaki Y; et al: high resolution computed tomography in the diagnosis of cervical disc disease, (Radiology), 150: 862, 1984

Miyasaka Y; Hachiya J; Furuya Y; et al: CT evaluation of invasive trophoblastic disease, (JCAT), 9: 459, 1985 Miyata M See Nakao K Miyawaki M See Takaha Milyata M See Nakaba K Miyawaki M See Takahashi M Miyazaki N See Nakata H Mizuguchi T See Todani T Mizumoto CT See Gore JC Mizushima A See Murayama S Mizushima A See Numaguchi Y Mizutani H See Aoki N Maymneh W See Al-Sheikh W Moavam F, Talbert JL: Congenital anorectal malformations. harbingers of sacrococcygeal teratomas, (Radiology), 157: 853, 1985 Mochizuki RM See Sartoris DJ Mochizuki T See Hukuda S Mock BH See Schuwecker DS Mock T See Dunn V Modder U See Steinbrich W Modder U See Steinbrich W Moddie DS See Baetz-Greenwalt B Modic MT See Aguila LA Moddie DS See Baetz-Greenwalt B
Modic MT See Aguila LA
Modic MT See Grossman LB
Modic MT See Grossman LB
Modic MT See Grossman LB
Modic MT See Lesser RP
Modic MT See Paushter DM
Modic MT See Paushter DM
Modic MT See Paushter DM
Modic MT See Smith AS
Modic MT See Smith AS
Modic MT Feiglin DH; Piraino DW; Boumphrey F;
Weinstein MA; Duchesneau PM; Rehm S:
vertebral osteomyelitis: assessment using MR,
(Radiology), 157: 157, 1985
Modic MT; Masaryk TJ; Mulopulos GP;
Bundschuh C; Han JS; Bohlman H: cervical
radiculopathy: prospective evaluation with
surface coil MR imaging, CT with metrizamide,
and metrizamide myelography, (Radiology), and metrizamide myelography, (Radiology), 161: 753, 1986

Modic MT; Masaryk TJ; Paushter DM: magnetic resonance imaging of the spine. (Radiol Clin North Am), 24: 229, 1986

Modic MT; Pavlicek W; Weinstein MA;

Boumphrey F; Ngo F; Hardy RW Jr;

Duchesneau PM: magnetic resonance imaging of intervertebral disk disease: clinical and pulse sequence considerations, (Radiology), 152: 103, 1984 161-753 1986 Modic MT; Pflanze W; Feiglin DHI; et al: magnetic resonance imaging of musculoskeletal infections, (Radiol Clin North Am), 24: 247, Modin G See Lanzer P Moe JH See Winter RB Moe RD; Frankel SF; Chacko AK; et al: radionuclide thyroid angiography and surgical correlation. a five-year study, (Radiology), **156**: 571, 1985 Moerman PL See Marchal GJF Moes CAF See Chan HSL
Moes CAF See Freedom RM; Burrows PE: anomalous
pulmonary venous connections, (Semin
Roentgenol), 20: 134, 1985 Moeschler JB See Willard DA Mogensen NB; Madsen M; Stage P; et al: Mogensen NB, Madsen M; Stage P; et al: ultrasonography versus roentgenography in suspected instances of cholecystolithiasis, (Radiology), 155: 861, 1985 Mogle P See Pogrund H Mogle P See Winograd I Moguillansky SJ See Moncada R Mohammed MM See Al-Bahar R Mohan KK See Sperber M Mohan PK See Rout D Mohan P, Podmaniezky KC: Calay P, et al. Mohan R; Podmaniczky KC; Caley R; et al: computerized record and verify system for radiation treatments, (Radiology), 156: 573, 1985 radiation treatments, (Radiology), 156: 573, 1985 Mohapatra S See Chui M Mohiuddin M See Lanzillo JH Mohiuddin M See Weiss SM Mohsen F See Teasdale E Moinuddin M; Allison JR; Montgomery JH; et al: scintigraphic diagnosis of hepatic hemangioma: its role in the management of hepatic mass lesions, (AJR), 145: 223, 1985 Moinuddin M; Rockett J: gallium scintigraphy in the detection of amiodarone lung toxicity, (AJR), 147: 607, 1986 Moinuddin SM; Lee LH; Montgomery JH: mediastinal needle biopsy, (AJR), 143: 531, 1984 Moir TW See Lieberman JM Moiser B See Bechtel W Mokri B See Houser OW Mokri B See Houser OW
Mokri B See Petersen RC
Mol H See Cloostermans MJTM
Moldofsky PJ See Gatenby RA
Moldofsky PJ; Sears HF; Mulhern CB Jr; et al:
detection of metastatic tumor in normal-sized
retroperitoneal lymph nodes by monoclonal
antibody imaging, (Radiology), 154: 862, 1985
Molenaar JC See Tibboel D
Molinaro V See Coblentz CL
Molitch MF See Wolnert SM Molitch ME See Wolpert SM Molitor D See Fischer P

Moller A: pleural effusion: use of the semi-supine position for radiographic detection, (Radiology), 150: 245, 1984 Moller BN See Jurik AG Moller JT See de Carvalho A Moller T See Tennvall J Moller WD See Wolschendorf K Mollin J See Diakoumakis EE Mollitt DL See Golladay ES Moloney PM See Bansal RC Moltz L See Sorensen\*R Molyneux A See Sandercock P Momose G See Tanaka Y Momose G See Meyer JE Momoshima S; Imai Y; Sugino Y; et al: radiologic findings of linear gastric erosions, (AJR), 147: 701, 1986 Momoshima S; Kohda E; Hiramatsu K; et al: intraarterial prednisolone infusion therapy in ulcerative colitis, (AJR), 145: 1057, 1985 Monaco MP See Orzel JA Monajati A See Holtas S Monajati A; Spitzer RM; Wiley JL; et al: MR imaging of a spinal teratoma, (JCAT), 10: 307, 1986 Moncada R; Baliga K; Moguillansky SJ; et al: CT diagnosis of congenital intrapericardial masse (JCAT), 9: 56, 1985 Moncada R; Cardella RG; Demos TC; et al: evaluation of superior vena cava syndrome by axial CT and CT phlebography, (AJR), 143: 731, 1984
Moncada R; Demos TC; Marsan R; et al: CT
diagnosis of idiopathic aneurysms of the
thoracic systemic veins, ([CAT), 9; 305, 1985
Moncada R; Williams V; Fareed J; et al: thoracic
splenosis, (AJR), 144: 705, 1985
Mondalek PM See Orton CG Monkare S; Ikonen M; Haahtela T: radiologic findings in farmer's lung: prognosis and correlation to lung function, (Radiology), 157: 278, 1985 Monsaingeon V See Daumas-Duport C
Monsaingeon V; Thabault S; Bomsel F: normal
vascular anatomy on transfontanellar real time
ultrasound in the newborn, (Radiology), 153:
565, 1984 Joo, 1984

Monsees B See Teng MMH

Monsees B; Destouet JM; Murphy WA; Resnick D:
pressure erosions of bone in rheumatoid
arthritis: subject review, (Radiology), 155: 53,
1985 1985
Monsees B; Destouet JM; Totty WG; et al: case report 349, (Skeletal Radiol), 15: 154, 1986
Monsein LH; Halpert RD; Harris ED; Feczko PJ: retrograde ileography: value of glucagon, (Radiology), 161: 558, 1986 Montagne JP See Neuenschwander S Montague DK See Maatman TJ Montague TL See Voegeli DR Montali G See Solbiati L Montali G See Solbiati L Montali G; Croce F; De Pra L; et al: intussusception of the bowel: a new sonographic pattern, (Radiology), 152: 267, 1984 Montali G; Solbiati L; Bossi MC; et al: sonographically guided fine-needle aspiration biopsy of adrenal masses, (AJR), 143: 1081, 1984 biopsy of adrenal masses, (AJR), 143: 1081, 1984
Montalvo BM See Quencer RM
Montalvo BM; Quencer RM; Green BA; Eismont FJ;
Brown MJ; Brost P: intraoperative sonography
in spinal trauma, (Radiology), 153: 125, 1984
Montana M See Yoshy C
Montana MA See Haynor DR
Montana MA See Schoenecker SA Montana MA See Selby B Montana MA See Shuman WP Montana MA See Shuman WP
Montana MA; Cyr DR; Lenke RR; et al:
sonographic detection of fetal ureteral
obstruction, (AJR), 145: 595, 1985
Montana MA; Richardson ML; Kilcoyne RF;
Harley JD; Shuman WP; Mack LA: CT of sacral
injury, (Radiology), 161: 499, 1986
Montana MA; Rohrmann CA: cholangiocarcinoma
in a choledochal cyst: preoperative diagnosis,
(AJR), 147: 516, 1986
Montanan A See Ippolito E
Monteiro MLR; Swanson RA; Coppeto JR; et al:
microangiopathic syndrome of encephalopathy,
hearing loss, and retinal arteriolar occlusions,
(Radiology), 159: 822, 1986
Montely I; Plainfosse MC: submucosal hematomas
of the urinary excretory tract. report of three
cases, (Radiology), 151: 819, 1984
Montgomery JB See Dietz GW
Montgomery JB See Dietz GW
Montgomery JH See Moinuddin M
Montgomery JH See Moinuddin M
Montgomery JH See Moinuddin SM
Montif See Livraghi T
Moodie DS See Brindza D
Moodie DS See Brindza D
Moodie DS See Celsinger MA
Mondie DS See Gelsinger MA Montana MA; Cyr DR; Lenke RR; et al: Moodie DS See Geisinger MA Moodie DS See Go RT Moody DM See Laster DW Moody DM See Spinos E

nuclear magnetic resonance imaging of CT-isodense subdural hematomas, (AJNR), 5: 319, isodense subdural hematomas, (ĀJNR), 5: 319, 1984

Moon KL Jr; Federle MP; Abrams DI;

Volberding P; Lewis BJ; Kaposi sarcoma and lymphadenopathy syndrome: limitations of abdominal CT in acquired immunodeficiency syndrome, (Radiology), 150: 479, 1984

Moonan D See McCullough RW

Moore AV Jr See Roifman CM

Moore AV Jr See Dunnick NR

Moore AV Jr See Miller CW

Moore AV Jr See Miller GA Jr

Moore CJ See Wilkinson JM

Moore CJ; Eddleston B; fast computer processing for tissue highlighting in computed tomographic cross-sectional imaging and digital scan projection radiography, (Br J Radiol), 59: 577, 1986

Moore DJ See Naik DR 1986
Moore DJ See Naik DR
Moore EH See Farmer DW
Moore EH See Gamsu G
Moore EH See Gooding GAW
Moore EH See Webb WR
Moore EH, Farmer DW; Geller SC; et al: computed
tomography in the diagnosis of iatrogenic false
aneurysms of the ascending aorta, (AJR), 142:
1117, 1984
Moore EH, Gamsu G, Webb WR, Stulbare MS: Moore EH; Gamsu G; Webb WR; Stulbarg MS: pulmonary embolus: detection and follow-up using magnetic resonance, (Radiology), 153: 471, 1984 1984 Dore EH; Webb WR; Gamsu G; Golden JA: Legionnaires' disease in the renal transplant patient: clinical presentation and radiographic progression. (Radiology), 153: 589, 1984 Dore EH; Webb WR; Muller N; et al: MRI of pulmonary airspace disease: experimental model and preliminary clinical results, (AJR), 146: 1123, 1986 Moore EH; Webb WR; Verrier ED; et al: MRI of chronic posttraumatic false aneurysms of the thoracic aorta, (AJR), 143: 1195, 1984 Moore F See Lanzieri CF Moore J See Azzarelli R Moore JH Jr; Koolpe HA; Carabasi RA; et al: transvenous catheter pulmonary embolectomy, (Radiology), 159: 575, 1986 (Kadiology), 159: 575, 1986 Moore JV: tumor cure studies on the rat sarcoma BA1112 using continuous low-dose-rate radiation, (Radiology), 158: 837, 1985 Moore JV: Keene JP: Land EJ: dose-response relationships for photodynamic injury to murine skin, (Br J Radiol), 59: 257, 1986 Moore J Sea Vuil-1 Moore L See Vujic I Moore L; Curry NS; Jenrette JM III: computed tomography of acute radiation nephritis, (Urol Radiol), 8: 89, 1986 Radiol), 8: 89, 1986

Moore LB; McWey RE; Vujic I: massive hemoptysis: control by embolization of the thyrocervical trunk, (Radiology), 161: 173, 1986

Moore MM See Shearer DR

Moore PT See Dierks PR

Moore PT; Clark RA: update of interventional biliary radiology, (Semin US CT MR), 5: 349, 1984 biliary radiology, (Semin US CT MR), 5: 349, 1984

Moore PT, Mencini RA; Spitz HB: sonographic diagnosis of hydramnios and oligohydramnios, (Semin US CT MR), 5: 157, 1984

Moore RD See Fried LP

Moore RJ See Thompson JR

Moore S See McNamara MT

Moore S See Smoker WRK

Moore SC See Holman BL

Moore SC, Gooding CA; Brasch RC; Ehman RL; Ringertz HG; Ablin AB; Matthay KK; Zoger S: bone marrow in children with acute lymphocytic leukemia: MR relaxation times, (Radiology), 160: 237, 1986

Moore T; Ganti SR; Mawad ME; et al: CT and angiography of primary extradural juxtasellar tumors, (AJNR), 6: 521, 1985

Moore WS See Quinones-Baldrich WJ

Moosa MR; Cettle GJ; Lala SM; et al: intramural pseudodiverticulosis of the oesophagus, pseudodiverticulosis of the oesophagus, (Radiology), 155: 849, 1985 Mooser E; etal See Marquis C Moothart RW See Rogers WF Mootz A See Weinreb JC Mootz AR See Stenoien R Mootz AK See Stenoten K Mora JD See Brown J Morag B; Rubinstein ZJ; Goldwasser B; et al: percutaneous venography and occlusion in the management of spermatic varicoceles, (AJR), 143: 635, 1984 Morag B; Rubinstein ZJ; Madgar I; et al: role of energiaic yenography after surgical high spermatic venography after surgical high ligation of the left spermatic veins: diagnosis and percutaneous occlusion, (Radiology), **157**: 850, 1985 Moran CJ; Naidich TP; Marchosky JA: CT-guided needle placement in the central nervous syster results in 146 consecutive patients, (AJNR), 5:

Moon KL Jr See Demas BE Moon KL Jr; Brant-Zawadzki M; Pitts LH; et al: Moran CJ; Naidich TP; Marchosky JA: CT-guided needle placement in the central nervous syster results in 146 consecutive patients, (AJR), 143: 861, 1984

Moran JF See Glazer HS Moran PR See Jackels SC Moran PR See Perman WH Moran PR See Wall BE Moran PR See Wolfman NT

Moran PR See Wolfman NT
Moran PR: general approach to T1, T2, and spindensity discrimination sensitivities in NMR
imaging sequences, (Radiology), 157: 284, 1985
Moran PR; Kumar NG; Karstaedt N; et al: tissue
contrast enhancement: image reconstruction
algorithm and selection of T1 in inversion
recovery MRI, (Magn Res Imag), 4: 229, 1986
Moran PR; Moran RA; Karstaedt N: verification and
evaluation of internal flow and motion: true

magnetic resonance imaging by the phase gradient modulation method, (Radiology), 154: 433, 1985

Moran R See Wolfman NT Moran RA See Moran PR Moran RA See Perman WH

Moran V; Butler F; Colville J: x-ray diagnosis of macrodystrophia lipomatosa, (Radiology), 154: 555, 1985

Morano JU See Burkhalter JL

Morano JU; Burkhalter JL: graft patency evaluation with DSA after reconstructive venous surgery, (Radiology), 160: 267, 1986

Morano JU; Russell WF: nerve root enlargement in Charcot-Marie-Tooth disease: CT appearance, (Radiology), 161: 784, 1986

(Kadiology), 161: 784, 1986
Morantes JG, Guerra RR; Campa Nunez HK; et al:
cysticercosis cerebralis in the computed
tomogram, (Radiology), 151: 267, 1984
Morecki R See Rubinstein A
Morehouse H See Weiner SN
Morehouse LT; Wais Coll.

Morehouse HT; Weiner SN; Hoffman JC: imaging in inflammatory disease of the kidney, (AJR), 143: 135, 1984

Morehouse HT; Weiner SN; Hoffman-Tretin JC: inflammatory disease of the kidney, (Semin US CT MR), 7: 246, 1986

CT MR), 7: 246, 1986 Moreno AJ; Battafarano NJ; Nelson PM; et al: multiple anaerobic hepatic abscesses demonstrated on hepatobiliary scintigraphy, (Clin Nucl Med), 11: 204, 1986

(Clin Nucl Med), 11: 204, 1986

Moreno A]; Brown JM; Spicer MJ; et al: gallium-67
citrate localization in the heart secondary to
constrictive pericarditis with myocardial
fibrosis. (Radiology), 153: 574, 1984

Moreno A]; Brown JM; Spicer MJ; et al: thyroid
localization of Ga-67 citrate, (Semin Nucl Med),
15: 224, 1985

Moreno AJ; Rodriguez AA; Spicer MJ; et al: value of obtaining renal images following brain scintigraphy with technetium-99m glucoheptonate, (Clin Nucl Med), 11: 560, 1986

glucoĥeptonate, (Clin Nucl Med.), 11: 560, 1986
Moreno AJ; Spicer MJ; Farnum GD; et al: displaced
spleen, (Semin Nucl Med.), 16: 216, 1986
Moreno-Osset E; Tomas-Ridocci M; Paris F; et al:
motor activity of esophageal substitute
(stomach, jejunal, and colon segments),
(Radiology), 161: 282, 1986
Moret J See Castaings L
Moret J See Castaings L
Morett J See Lasjaunias P
Morettin LB; Allen TE: thoracic duct cyst: diagnosis
with needle aspiration, (Radiology), 161: 437,
1986

Morewood DJW; Belchetz PE; Evans CC; et al: extrathoracic airway in acromegaly, (Clin Radiol), 37: 243, 1986 Morewood DJW; Lamb GHR: man who hated hospitals, (Br J Radiol), 59: 793, 1986 Morgan DR See Barnes GT

Morgan DR See Tesic MM Morgan G See Stark P

Morgan H See Tate T Morgan M See McNamara MJ

Morgan M See McNamara MJ Morgan MDL; Strickland B: computed tomography in the assessment of bullous lung disease, (Radiology), 152: 860, 1984 Morgan SH See Gibson RN Morgan TJ See Harms SE

Morganoth J See DePace NL Morgenstern L; Gleischman SH; Michel SL; et al: relation of free silicone to human breast carcinoma, (Radiology), 157: 851, 1985 Mori T See Makuuchi M

Mori T See Makuten M Mori T See Togashi K Morian JP Jr See Martin KW Moriarty AT See Kopecky KK Morikawa S See Nishimura Y Morillo G See Castillo M

Morimoto K; Matsui K; Hashimoto T; et al: intraatrial extension of hepatocellular carcinoma detected with ultrasound, (JCU), 14: 466, 1986

Morimoto M See Sano N Morimoto S See Ikezoe J

Morin C; Harcke HT; MacEwen GD: Infant hip: real-time US assessment of acetabular development, (Radiology), 157: 673, 1985

Morin RL See Salomonowitz E Morin RL See Salomonowitz E Morin RL See Young AT Moring AF See Leppo JA Morishima MS See McCorkell SJ Moriyama N See Makuuchi M

MOTIYAMA N See Makuuchi M Motiyama N See Makayasu K Motiyama N See Takayasu K Motiyasu F; Ban N; Nishida O; et al: clinical application of an ultrasonic duplex system in the quantitative measurement of portal blood flow, (JCU), 14: 579, 1986

Moriyasu F. Ban N, Nishida O; Nakamura T; Soh Y; Miura K; Sakai M; Miyake T; Uchino H: portal hemodynamics in patients with hepatocellular carcinoma, (Radiology), 161: 707, 1986

Moriyasu F; Nishida O; Ban N; et al: "congestion index" of the portal vein, (AJR), 146: 735, 1986 Morphis JG II See Lester SG

Morrell P; Coulthard MG; Hey EN: neonatal urinary ascites, (Radiology), 160: 288, 1986

Morris AH See Larsen RA Morris C See Beynon J Morris DC See Muller N

Morris DL: hepatic echinococcal cyst: successful percutaneous drainage, (Radiology), 159: 567,

Morris J See Onik G

Morris JA Jr See Wing VW Morris JG See Rossleigh MA Morris JG See Singer I Morris JH See Fischer EG Morris JH See Lipton SA

Morris L See Kozlowski K Morris LL See Alcock MK Morris LLN See Shuman WP

Morris PM See Lee VW
Morris PR See Lee VW
Morris RE; Hasso AN; Thompson JR; Hinshaw DB
Jr; Vu LH: traumatic dural tears: CT diagnosis
using metrizamide, (Radiology), 152: 443, 1984
Morris TW See Fischer HW

Morris TW See Holtas S

Morris TW See Hollas S
Morris TW; Sahler LG; Whynot LK; Hayakawa K:
contrast media induced fibrillation: comparison
of angionist 370 and renografin 76. work in
progress, (Radiology), 152: 203, 1984
Morris TW; Ventura J: incidence of fibrillation with
dilute contrast media for intra-arterial coronary
digital subtraction angiography, (Invest Radiol),
21: 416, 1986
Morrish K; Osa Park-Lic P.

Morrish R See Pastakia B Morrish R B Jr See Helms CA Morrison G; Sobel DF; Kelley WM; Norman D: intraventricular mass lesions, (Radiology), 153: 435, 1984

Morrison K See Pontes JE Morrison S See Schultz CL

Morrow M; Enker WE: late ovarian metastas carcinoma of the colon and rectum, (Radiology), 156: 267, 1985

Morse BMM See Quencer RM Morse D See Steiner RM

Morse PD II: Swartz HM: measurement of intracellular oxygen concentration using the spin label TEM-POL, (Radiology), 157: 573, 1985

Morse SS See Falkoff GE Morse SS See Rapoport S Morse SS See Sniderman KW

Morse SS See Sniderman KW
Morse SS See Taylor KJW
Morse SS; Cambria R; Strauss EB; et al:
transluminal angioplasty of the hypogastric
artery for treatment of buttock claudication,
(Cardiovasc Intervent Radiol), 9; 136, 1986
Morse SS; Sniderman KW; Galloway S; Rapoport S;
Ross GR; Glickman MG: hepatoma,
arterioportal shunting, and hyperkinetic portal
hypertension: therapeutic embolization,
(Radiology), 155: 77, 1985
Morse SS; Strauss EB; Hashim SW; et al:
percutaneous retrieval of an unusually large,
nonopaque intravascular foreign body, (A]R),
146: 863, 1986
Morse SS; Strauss EB; Sumpio BE: apparent arterial

146: 863, 1986 Morse SS; Strauss EB; Sumpio BE: apparent arterial occlusion due to pneumatic antishock garment: pitfall in trauma angiography (case report), (AJR), 147: 391, 1986

Morse SS; Taylor KJW; Strauss EB; et al: congenital absence of the portal vein in oculoauriculovertebral dysplasia (Goldenhar syndrome), (Pediatr Radiol), 16: 437, 1986

Morson BC: evolution of colorectal carcinoma, (Radiology), 156: 266, 1985 Mortensson W See Eklof O Mortensson W See Gustafsson M

Mortensson W See Rosenborg M Mortensson W See Soderlund V

Mortensson W; Eklof O; Laurin S; hydrostatic reduction of childhood intussusception. the role of adjuvant glucagon medication, (Radiology), 156: 274, 1985

Mortensson W; Lindroth M: course of bronchopulmonary dysplasia: radiographic follow-up, (Acta Radiol [Diagn]), 27: 19, 1986

Morton BA; Teather D; du Boulay GH: statistical modelling and diagnostic aids, (Radiology), 155: 864, 1985

Morton JD; Harrison LB; Peschel RE: prostatic cancer therapy: comparison of external-beam radiation and 1-125 seed implantation treatment of stages B and C neoplasms, (Radiology), 159: 249, 1986 Mosca F See Di Candio G

Mosca F See Di Candio G
Moseley HS See Cop JR
Moseley IS Stee Cop JR
Moseley IF, Zilkha E: considerations of radiation
dose in the management of intracranial
abscesses by computed tomography.
(Radiology), 153: 853, 1984
Moseley ME See Dooms GC
Moseley ME See Dooms GC
Moseley ME See Dooms GC
Moseley ME See Stark DD
Moseley RD Jr See Kelsey CA
Moseley RD Jr See Rosenberg RD
Moser D See Tonkin ILD
Moser KM See Tonkin ILD
Moser KM See Bowen IS

Moser KM See Bowen JS Moser KM See Fedullo PF Moser KM; Fedullo PF: imaging of venous thromboemboli with labeled platelets, (Semin Nucl Med), 14: 188, 1984

Moser L See Ramanna L Moser R See Lee Y-Y

Moser R See Lee Y-Y
Moses DC See McCarthy EF
Moses HW; Taylor GJ; Asali Z; et al: coronary artery
spasm causing myocardial infarction,
(Radiology, 150: 287, 1984
Moses ML See Steiner RM
Moshang T See Bilaniuk LT
Mosier D See Bechtel W
Moskowitz L See Chandler JR
Moskowitz L B See Post MJD
Moskowitz M: breast cancer: age-specific growth
rates and screening strategies, (Radiology), 161:
37, 1986 37 1986

37, 1986
Moskowitz M: galactography and
galactophorectomy, (Radiology), 155: 614, 1985
Moskowitz M: mammography to screen
asymptomatic women for breast cancer, (AJR),
143: 457, 1984

Moss A See Wilson PC Moss AA See Axel L Moss AA See Cyr DR Moss AA See Davis PL

Moss AA See Davis PL Moss AA See Davis WK Moss AA See Demas BE Moss AA See Goldberg HI Moss AA See Gooding GAW Moss AA See Hoaynor DR Moss AA See Heddick WK Moss AA See McCarthy S Moss AA See McCarthy S

Moss AA See Mark AS Moss AA See Shuman WP

Moss AA See Mark AS
Moss AA See Shuman WP
Moss AA See Stark DD
Moss AA See Stark DD
Moss AA See Wong WS
Moss AA, Goldberg HI; Stark DD; Davis PL;
Margulis AR, Kaufman L; Crooks LE: hepatic
tumors: magnetic resonance and CT appearance,
(Radiology, 150: 141, 1984
Moss AJ See Gramiak R
Moss CN; Van Dyke JA; Koehler RE; et al: multiple
cavernous hemangiomas of the spleen: CT
findings. (JCAT), 10: 338, 1986
Moss GD; Fahrenbach J: value of routine small
bowel radiography. (Radiology), 152: 841, 1984
Moss J See Kreipke DL
Mossey RT See Naidich JB
Mosskin M; von Holst H; Ericson K: blood tumour
barrier in intracranial tumours studied with xray computed tomography asing 68-Ga-EDTA,
(Neuroradiol), 28: 259, 1986
Mostrom U; Ytterbergh C: artifacts in computed

(Neuroradiol), 28: 259, 1986
Mostrom U; Ytterbergh C: artifacts in computed tomography of the posterior fossa: comparative phantom study. (JCAT), 10: 560, 1986
Mosure JC See Beltran J
Motarjeme A; Keifer JW; Zuska AJ; Nabawi P: percutaneous transluminal angioplasty for treatment of subclavian steal, (Radiology), 155: 411 1982

611, 1985
Mothersill C; Seymour CB: effect of lactate on the recovery of CHO-KI cells from gamma radiation damage, (Acta Radiol [Oncol]), 25: 71, 1986
Motro M See Lehrer E

Motro M; Schneeweiss A; Neufeld HN: paradoxical diastolic anterior motion of flail posterior mitral leaflet, (Radiology), 152: 263, 1984

leaflet, (Radiology), 152: 263, 1984
Mott DJ: enhancement of computed tomographic
scanner based digital radiographic images,
(Radiology), 152: 871, 1984
Moulton J See Fodor J III
Mountain CE See McKenna RJ Jr
Mountain CT See Libshitz HI
Mountford CE; Wright LC; Holmes KT; et al: highresolution, proton pucker magnetic resonance

resolution proton nuclear magnetic resonance analysis of metastatic cancer cells, (Radiology), 156: 862, 1985

Mountford PJ; Hall FM; Wells CP; et al: breast-milk radioactivity after a Tc-99m DTPA aerosol/Tc-99m MAA lung study, (Radiology), **157:** 288,

Mountz JM; Ripley SD; Gross MD; et al: appearance of a large mesenteric varix on a technetium-99m red blood cell gastrointestinal bleeding study. (Clin Nucl Med), 11: 229, 1986

Mourand K; Katz D; Paradinas FJ: extravisceral diffuse infiltration of adult histiocytosis χ demonstrated by CT, (Radiology), **152**: 561, 1984 **Mowat W** See **Newman P** 

Moya F; Grannum P; Pinto K; et al: ultrasound assessment of the postmature pregnancy, (Radiology), 157: 863, 1985

Moyer RA See Fedullo LM Moylan DJ See Lanzillo JH Mravunac M See Holland R

Muakkassa KF; Hoffman HJ; Hinton DR; et al: lambdoid synostosis. part 2: review of cases managed at The Hospital for Sick Children, 1972-1982, (Radiology), 155: 550, 1985 Muchmore HG See Wilson DA

Muder RR; Reddy SC; Yu VL; Kroboth FJ: pneumonia caused by Pittsburgh pneumonia agent: radiologic manifestations, (Radiology), 150: 633, 1984

Mudge B See Fishman EK Muehllehner G; Karp JS: positron camera using position-sensitive detectors: PENN-PET, (J Nucl Med), 27: 90, 1986

Muehllehner G; Karp JS: positron emi tomography imaging—technical considerations, (Semin Nucl Med), 16: 35, 1986

Mueller B; Jequier S; Laberge I: ultrasonographic diagnosis of an obstructive polyp of the bladder neck, (J Ultrasound Med), 3: 521, 1984 Mueller CF See Beltran J

Mueller DL See Amundson GM

Mueller DL; Amundson GM; Wesenberg RL; et al: application of IV digital subtraction angiography to cranial disease in children, (AJNR). 7: 669, 1986 Mueller E See Huber DJ

Mueller E; Deimling M; Reinhardt ER: quantification of pulsatile flow in MRI by an analysis of T<sub>2</sub> changes in ECG-gated multiecho experiments, (Magn Res Med), 3: 331, 1986

Mueller OM See Bottomiey PA Mueller PR See Bonnel D Mueller PR See Brock R Mueller PR See Brown AS Mueller PR See Butch RI

Mueller PR See Dawson SL Mueller PR See Harris RD Mueller PR See Johnson RD

Mueller PR See Kuligowska E Mueller PR See Loflin TG Mueller PR See Neff CC

Mueller PR See Papanicolaou N Mueller PR See Simeone JF Mueller PR See vanSonnenberg E

Mueller PR See White EM

Mueller PR See White M Mueller PR: hepatic echinococcal cyst: successful percutaneous drainage: reply, (Radiology), 159: 567, 1986

Mueller PR: jaundice, (Clin Diagn Ultrasound), 14:

Mueller PR; Dawson SL; Ferrucci JT Jr; Nardi GL: hepatic echinococcal cyst: successful percutaneous drainage, (Radiology), 155: 627, 1985

Mueller PR; Ferrucci JT Jr; Butch RJ; et al. inadvertent percutaneous catheter gastroenterostomy during abscess drainage: significance and management, (AJR), 145: 387, 1985

Mueller PR; Ferrucci JT Jr; Simeone JF; Butch RJ; Wittenberg J; White M; Brown AS: lesser sac abscesses and fluid collections: drainage by transhepatic approach, (Radiology), 155: 615,

1965
Mueller PR; Ferrucci JT Jr; Teplick SK;
vanSonnenberg E; Haskin PH; Butch RJ;
Papanicolaou N; biliary stent endoprosthesis:
analysis of complications in 113 patients,
(Radiology), 156: 637, 1985

(1985) Mueller PR; Ferrucci JT Jr; Wittenberg J; et al: iliopsoas abscess: treatment by CT-guided percutaneous catheter drainage, (AJR), 142: 359, 1984

Mueller PR; Simeone JF: new concepts in biliary ultrasound, (Semin US CT MR), 5: 333, 1984

Mueller PR; Stark DD; Simeone JF; Saini S; Butch RJ; Edelman RR; Wittenberg J; Ferrucci JT Jr: MR-guided aspiration biopsy: needle design and clinical trials, (Radiology), 161: 605, 1986

Mueller PR; vanSonnenberg E; Ferrucci JT Jr: percutaneous drainage of 250 abdominal abscesses and fluid collections, part II: current procedural concepts, (Radiology), 151: 343, 1984 Mueller PR; vanSonnenberg E; Ferrucci JT Jr; Weyman PJ; Butch RJ; Malt RA; Burhenne HJ:

Weyman PJ; Butch RJ; Malt RA; Burhenne H biliary stricture dilatation: multicenter review of clinical management in 73 patients, (Radiology), 166: 17, 1986 Mueller SC; Wilbert D; Thueroff JW; et al: extracorporeal shock wave lithortripsy of ureteral stones: clinical experience and experimental findings, (Radiology), 160: 858, 1986

fueller-Klieser W See Sutherland R Muhlberger G; Gottschalk A; Gericke D: needle biopsy and metastasis. investigation in rats, (Radiology), 150: 288, 1984 Muhler E; Hofstetter R; Hornchen H; et al:

myocardial perforation by transvenous pacemaker in a newborn infant: echocardiographic diagnosis, (JCU), 14: 141,

1986
Muhletaler CA See Dray RJ
Muhm JR See Zerhouni EA
Muhm JR: general case of the day: annual meeting,
1985. (Radiographics), 6: 914, 1986
Muhr C; Bergstrom M; Lundberg PO; et al:
dopamine receptors in pituitary adenomas: PET
visualization with "IC-N-methylspiperone,
(JCAT), 10: 175, 1986
Mullenburg BH; imperation properties assument

Muilenburg RH: impact of prospective payment systems on diagnostic imaging services, (AJR), 145: 1122, 1985

Muir BB; Kirkpatrick AE; Roberts MM; Duffy SW: oblique-view mammography: adequacy for screening. work in progress, (Radiology), 151: 39, 1984

Mukai J See Janower ML Mukai J; Chen P: inferior vena caval pseudo thrombus sign: diagnosis by dynamic CT after arm vein injection, (Radiology), 159: 575, 1986 Mukai T See Tamaki N

Mukamel E; Servadio C; Lurie H: combined external radiotherapy and hormonal therapy for localized carcinoma of the prostate, (Radiology),

localized carcinoma of the prostate, (Radiology), 150: 872, 1984

Mukherji B See Joseph PM

Mukhopadhyay S See Rajani M

Mukubo M: epidemiological study: safety of diagnostic ultrasound during pregnancy on fetus and child development, (Ultrasound Med Biol), 12: 691, 1986

Mukuno DH See Harnsberger HR

Mukuno DH; Lee TG; Harnsberger HR; et al: sonography of the fetal gastrointestinal system, (Semin US CT MR), 5: 194, 1984

Mukuno DH: Lee TG; Watanabe AS: et al:

Mukuno DH; Lee TG; Watanabe AS; et al: aneurysmal bone cyst presenting as a pelvic mass on sonographic examination, (J Ultrasound Med), 5: 215, 1986

Mulcahy D; Shapiro LM; Westgate C; et al: diagnosis of aortic root abscess by cross-sectional echocardiography, (Clin Radiol), 37: 235, 1986

Mulder JD See Bloom JL Mulder JD See Bloom JL
Mulder JD See Meenhorst PL
Mulder JD See Taconis WK
Mulder JD See Vellenga CJLR
Mulhern CB Jr See Gatenby RA
Mulhern CB Jr See Moldofsky PJ
Mull RT: mass estimates by computed tomography:
physical density from CT numbers, (AJR), 143:
1101, 1984

Muller H See Erwin BC

Muller HA See Schild H Muller JWT; van Waes PFGM; Koehler PR: computed tomography of breast lesions: comparison with x-ray mammography, (Radiology), **151**: 555, 1984 **Muller N** See **Moore EH** 

Muller N; Morris DC; Nichols DM: popliteal artery entrapment demonstrated by CT, (Radiology), 151: 157, 1984

Muller NL See Bergin CJ Muller NL See Machan L Muller NL See Munk PL Muller NL See Scott I

Muller NL: CT features of cystic teratoma of the diaphragm, (JCAT), 10: 325, 1986
Muller NL: Bergin CJ; Miller RR; et al: seeding of

malignant cells into the needle track after lung and pleural biopsy, (J Canad Assoc Radiol), 37: 192, 1986

192, 1986 Muller NI, Bergin CJ; Ostrow DN; et al: role of computed tomography in the recognition of bronchiectasis, (AJR), 143: 971, 1984 Muller NI, Cooperberg PI, Rowley VA; et al: ultrasonic refraction by the rectus abdominis muscles: double image artifact, (J Ultrasound Med), 3: 515, 1984

Muller NL; Cooperberg PL; Suen KCH; et al: needle aspiration biopsy in cystic papillary carcinoma of the thyroid, (AJR), 144: 251, 1985

Muller NL; Gamsu G; Webb WR: pulmonary nodules: detection using magnetic resonance and computed tomography, (Radiology), 155: 687, 1985

Muller NL; Mayo J; Culham JAG; et al: ductus arteriosus aneurysm in Marfan syndrome, (J Canad Assoc Radiol), 37: 195, 1986

Muller NL; Miller RR; Webb WR; Evans KG;

Muller NL; Miller RR; Webb WR; Evans KG;
Ostrow DN: fibrosing alveolitis: CT-pathologic
correlation, (Radiology), 160: 385, 1986
Muller NL; Webb WR; Gamsu G: paratracheal
lymphadenopathy: radiographic findings and
correlation with CT, (Radiology), 156: 761, 1985
Muller NL; Webb WR; Gamsu G: subcarinal lymph
node enlargement: radiographic findings and
CT correlation, (AJR), 145: 15, 1985
Muller RN; Marsh MI, Remardo MI, et al. 1993, 20
Muller RN; Marsh MI, Remardo MI, et al. 1993, 20

Muller RN; Marsh MJ; Bernardo ML; et al: true 3-D imaging of limbs of NMR zeugmatography with off-resonance irradiation, (Radiology), 151: 829,

Muller S See Nidecker AC Muller-Holve W See Popp L Muller-Runkel R See Vijayakumar S Muller-Vahl H; Vogelsang H: spinal cord injury caused by a lateral C1-2 puncture for cervical myelography. (Eur J Radiol), 6: 160, 1986

Mullin D; Shirkhoda A: computed tomography after gastrectomy in primary gastric carcinoma, (JCAT), 9: 30, 1985

Mullin DM; Rodan BA; Bean WJ; et al: computed tomography of oleothorax, (CT), 10: 197, 1986 Mullinix FM See Burt RW Mulopulos GP See Bakris GL

Mulopulos GP See Fletcher BD Mulopulos GP See Martin B Mulopulos GP See Modic MT

Mulopulos GP; Patel SK; Pessis D: MR imaging of xanthogranulomatous pyelonephritis, (JCAT), 10: 154, 1986

Mulopulos GP; Turner DA; Schwartz MM; et al: MRI of the kidneys in paroxysmal nocturnal hemoglobinuria, (AJR), 146: 51, 1986

Mun SK: operating magnetic field strength for nuclear magnetic resonance imaging, (Radiographics), 4: 44, 1984 Munakata M See Abe S

Munderloh SH See Redmond J III Munderloh SH See Sobel DF Munitz HA See Dyer RB Munitz HA See Gelfand DW

Munitz HA See Ott DJ Munk PL; Muller NL: CT diagnosis of oil-induced granuloma secondary to diabetes insipidus therapy. (JCAT). 9: 1147, 1985

Munkner T: <sup>131</sup>-meta-iodobenzylguanidine scintigraphy of neuroblastomas, (Semin Nucl Med). 15: 154, 1985

Munn CS See Newberg AH
Munn CS: Kiser LC; Wetzner SM; Baer JE: ovary
volume in young and premenopausal adults: US
determination. work in progress, (Radiology), 159: 731, 1986

Munoz R See Ambriz R Munro AJ: graphical method for the analysis of decisions in clinical oncology, (Clin Radiol), 37: 263, 1986

Munro P See Martell E Munsick-Bruno G See Papile L-A

Munyer TP; Callen PW; Filly RA: ultrasound of gestational trophoblastic disease, (Clin Diagn Ultrasound), 15: 105, 1984 Murad T See Cohen MI

Murakami J See Hayabuchi N Murakami J See Yoshikai T Murakami M See Matsui T Murakami Y See Itai Y Murakami Y See Kondo M

Muraki AS See Harnsberger HR
Muraki AS; Mancuso AA; Harnsberger HR:
metastatic cervical adenopathy from tumors of
unknown origin: the role of CT, (Radiology),
152: 749, 1984

Muram D See Winer-Muram HT Muramatsu SK See Feldon SE Muramatsu Y See Takayasu K

Muramatsu Y, Takayasu K, Moriyama N; Shima Y; Goto H; Ushio K; Yamada T; Hasegawa H; Koyama Y; Hirohashi S: peripheral low-density area of hepatic tumors: CT-pathologic correlation, (Radiology), 160: 49, 1986 Murari PJ See Dachman AH

Murata K See Senda M

Murata K; Ico H; Senda M; Noma S; Todo G; Yonekura Y; Nishimura K; Izumi T; Oshima S; Torizuka K; stripe sign in pulmonary perfusion scintigraphy: central pattern of pulmonary emphysema. work in progress, (Radiology), 160: 337, 1986

337, 1986

Muratz K; Itoh H; Senda M; Todo G; Yonekura Y;
Torizuka K: ventilation imaging with positron
emission tomography and nitrogen 13,
(Radiology), 158: 303, 1986

Murata K; Itoh H; Todo G; et al: bronchial venous
plexus and its communication with pulmonary
circulation, (Invest Radiol), 21: 24, 1986

Murata K; Itoh H; Todo G; Kanaoka M; Noma S;
Itoh T; Furuta M; Asamoto H; Torizuka K:
centrilobular lesions of the lung: demonstration
by high-resolution CT and pathologic
correlation, (Radiology), 161: 641, 1986

Muravama S See Kawashima A

Murayama S See Kawashima A
Murayama S; Haruta R: sonographic detection of
small intestinal subserosal lymphofollicular
hyperplasia, (J Ultrasound Med), 5: 217, 1986
Murayama S; Mizushima A; Russell WJ; et al:
sonographic diagnosis of bicameral
gallbladders: report of three cases, (J Ultrasound
Med), 4: 539, 1985
Muren C: Wills-sad U. ...

Med), 4: 539, 1985
Muren C; Wilbrand H: anatomic variations of the
human cochlear aqueduct: radioanatomic
investigation, (Acta Radiol [Diagn]), 27: 11, 1986
Muresan LV See Peters TM
Muroff LR See Brown ML
Murphey MD; Johnson JA; Mattioli L; et al: giant
right atrium secondary to tricuspid valve
dysplasia inifancy, (J Ultrasound Med), 4: 353,
1985

Murphy CH See McSweeney MB

Murphy DJ Jr; Memula N; Doss LL: <sup>192</sup>Ir nomogram system for single plane implants, (Int J Radiat Oncol Biol Phys), **12**: 267, 1986

Murphy FB; Steinberg HV; Shires GT III; et al: Budd-Chiari syndrome: review, (AJR), 147: 9, 1986

Murphy FM See Smirniotopoulos JG

Murphy GP See Lee F Murphy K See Traughber PD Murphy KG See Rosen PR Murphy MJ See Ogden JA

Murphy PH: guidelines for radiation protection, (Semin Nucl Med), 16: 131, 1986

Murphy WA See Chang AC Murphy WA See Glazer HS

Murphy WA See Lee JKT
Murphy WA See Middleton WD
Murphy WA See Monsees B
Murphy WA See Reinus WR

Murphy WA See Rholl KS Murphy WA See Teng MMH

Murphy WA See Totty WG

Murphy WA: facet syndrome, (Radiology), 151: 533, 1984

1964
Murphy WA: how does magnetic resonance compare with computed tomography?, (Radiology), 152: 235, 1984
Murphy WA; Destouet JM; Gilula LA; et al: Hexabrix as a contrast agent for ascending leg phlebography, (AJR, 144: 1279, 1985)
Murphy WA; Gutierrez FR; Levitt RG; Glazer HS; Lee JKT: oblique views of the heart by magnetic resonance imaging, (Radiology), 154: 225, 1985
Murphy WA; Totty WG; Carroll JE: MRI of normal and pathologic skeletal muscle, (AJR), 146: 565, 1986

Murphy WA; Totty WG; Gado M; et al: utilization characteristics of a superconductive MR system undergoing initial clinical trial, (JCAT), 9: 258,

Murphy-Irwin K See Enzmann DR Murray DR See Sanchez FW

Murray IPC See Choy D Murray JA See Seider MJ Murray RR See Hewes RC

Murray RR; Kapila A; Blanco E; et al: cerebral computed tomography in drowning victims, (AJNR), 5: 177, 1984

Murray TE See O'Brien TM Murray TM See Meema HE Murry RC Jr See Maravilla KR Murtagh FR See Arrington JA Murton LJ See Perry RNW Murugasu R See White MA

Musante F See Derchi LE Musante F; Derchi LE: spontaneous resolution of unilateral hematometra in a patient with bicornuate uterus: sonographic findings, (JCU), 14: 307, 1986

Muschler G See Harms SE Musha H See Takashi M Mushin J See Dubowitz LMS Muss HB See Harrison KM Musset D See Garel LA Musset D See Grenier P

Musset D See Grenier P
Musset D; Grenier P; Carette MF; Frija G;
Hauuy MP; Desbleds MT; Girard P; Bigot JM;
Lallemand D: primary lung cancer staging:
prospective comparative study of MR imaging
with CT. (Radiology), 160: 607, 1986
Mustard RA See Leekam RN

Muthiah HL; Inbasekaran MN; Wieland DM; et al: development of a kit-form analog of metaiodobenzylguanidine, (J Nucl Med), 27: 256, 1986

Muz H See Slovis TL

muz H 3ee 3lovis I L
Myer CM III; Bratcher GO: laryngsal cystic
hygroma, (Radiology), 152: 859, 1984
Myer CM III; Cotton RT: laryngotracheal stenosis
in spondyloepiphyseal dysplasia, (Radiology),
157: 858, 1985

Myer CM III; Miller GW; Ball JB Jr: spontaneous cerebrospinal fluid otorrhea, (Radiology), 157: 860, 1985

Myerowitz PD See Swanson DK Myers D See De Campo JF Myers EM See Iko BO

Myers J See Shin MS
Myers MG; McGuinness GA; Lachenbruch

Myers MG; McGuinness GA; Lachenbruch
PA; et al: respiratory illnesses in survivors of
infant respiratory distress syndrome,
(Radiology), 161: 576, 1986
Myers MJ See Finn JP
Myers MJ See Cabender JP
Myers WG; Dahl JR; Graham MC: krypton-79m:
new radionuclide for applications in nuclear
medicine, (J Nucl Med), 27: 1436, 1986
Myrack MR See McGahan JP

Myracle MR; McGahan JP; Goetzman BW; et al: ultrasound diagnosis of renal calcification in infants on chronic furosemide therapy, (JCU), 14: 281, 1986

Myung KH See Whelan MA

Nabawi P See Motarjeme A Nachemson A See Hansson G Nadel HR; Stringer DA; Levison H; Turner JAP; Sturgess JM: immotile cilia syndrome: radiological manifestations, (Radiology), 154: 651, 1985

Nadel L; Baumgartner BR; Bernardino ME:

reacer 1; Baumgarrner BK; Bernardino ME:
percutaneous renal biopsies: accuracy, safety,
and indications, (Urol Radiol), 8: 67, 1986
Nadel SN See Siegel MJ
Nadel SN; Greene AS; White RI Jr; et al:
measurement of peripheral blood flow by
thermodilution techniques, (Invest Radiol), 21:
631, 1986

631, 1986
Nadji M See Nunez D Jr
Nadol JB See Granich MS
Naeser MA See Freedman M
Naeser MA See Koff E
Naftalin NJ See Khanna S
Nag S; Shah V: once-a-week lower hemibody
irradiation (HBI) for metastatic cancers, (Int J
Radiat Oncol Biol Phys), 12: 1003, 1986

Nagai H See Itai Y Nagai T See Takahashi I

Naganuma H; Inoue H; Misumi S; et al: intracranial germ-cell tumors. immunohistochemical study of three autopsy cases, (Radiology), 157: 571,

Nagao H See Sano N Nagasaki M See Hayashi K Nagata S See Yanai A

Nagata S See Yanai A
Nagayama Y See Yokoyama N
Nager GT; Holliday MJ: fibrous dysplasia of the
temporal bone update with case reports,
(Radiology), 157: 856, 1985
Nagib MG; Maxwell RE; Chou SN: identification
and management of high-risk patients with
Klippel-Feil syndrome, (Radiology), 153: 555,
1985

Nagle CE See Freitas JE Nagle CE: cost-appropriateness of whole body vs limited bone imaging for suspected focal sports injuries, (Clin Nucl Med), 11: 469, 1986

injuries, (Clin Nucl Med), 11: 469, 1986
Nagle CE; Freitas J; Dworkin H]: cholescintigraphy
in cholecystic cancer, (Radiology), 150: 616, 1984
Naglie RA See Bozynski ME
Nagorsky MJ See Driscoll WG
Nagy A See Szasz IJ
Nagy F See Pantoja E
Naheedy MH See Merchut MP

Naheedy MH; Azar-Kia B; Fine M: radiology of anterior cerebral artery infarction, (Radiology), 155: 278, 1985

Naheedy MH; Biller J; Schiffer M; et al: toxemia of pregnancy: cerebral CT findings, (JCAT), 9: 497, 1985

1985 Nahman BJ; Van Aman ME; McLemore WE; et al: use of the Rotex needle in percutaneous biopsy of pulmonary malignancy, (AJR), 145: 97, 1985 Nahmias C; Cockshott WP; Belbeck LW; et al:

measurement of absolute bone blood flow by positron emission tomography, (Skeletal Radiol), 15: 198, 1986

Nahum H See Grenier P Nahum H See Menu Y

Naiberg J; Berger G; Hawke M: pathologic features of keratosis obturans and cholesteatoma of the external auditory canal, (Radiology), 156: 568,

Naidech HJ See Chawla HS Naidich DP See Balthazar El Naidich DP See Hulnick DH

Natidich DP See Strauss JE Natidich DP See Zerhouni EA Natidich DP, Ettinger N; Leitman BS; et al: CT of lobar collapse, (Semin Roentgenol), 19: 222,

Naidich DP; McCauley DI; Khouri NF; et al: computed tomography of lobar collapse: 1. endobronchial obstruction, (Radiology), 151: 829 1984

8/29, 1984
Naidich DP; McCauley DI; Khouri NF; et al: computed tomography of lobar collapse: 2. collapse in the absence of endobronchial obstruction, (Radiology), 151: 829, 1984
Naidich JB See Naidich TP

Nadich JB: Rackson ME; Mossey RT; Stein HL: nondilated obstructive uropathy: percutaneous nephrostomy performed to reverse renal failure, (Radiology). 160: 653, 1986 Nadich TP See Armington WG Nadich TP See Atlas SW

Naidich TP See Gardner TW Naidich TP See Gorey MT

Naidich TP See Moran CJ Naidich TP See Schlesinger AE Naidich TP See Taylor SB

Naidich TP See 1aytor 50
Naidich TP See Yousefzadeh DK
Naidich TP computed tomography of congenital
brain malformations, (Radiology), 156: 148, 1985 Naidich TP; Cacayorin ED; Stewart WA; et al: germinal-cell tumor of the pineal gland, (AJR), 146: 1246, 1986

146: 1246, 1986
Naidich TP; Daniels DL; Pech P; Haughton VM;
Williams AL; Pojunas KW: anterior
commissure: anatomic-MR correlation and use
as a landmark in three orthogonal planes,
(Radiology), 158: 421, 1986

Naidich TP; Fernbach SK; McLone DG; et al: sonography of the caudal spine and back: congenital anomalies in children, (AJNR), 5: 221 1984

Naidich TP; Gusnard DA; Yousefzadeh DK: sonography of the internal capsule and basal ganglia in infants: 1. coronal sections, (AJNR), 6: 909, 1985

909, 1985
Naidich TP; McLone DG; Fulling KH: Chiari II
maiformation: part IV. the hindbrain deformity,
(Radiology), 151: 824, 1984
Naidich TP; Radkowski MA; McLone DG;
Leestma J: chronic cerebral herniation in
shunted Dandy-Walker malformation,
(Radiology), 158: 431, 1986
Naidich TP; Tomita T; Pech P; et al: direct coronal
computed tomography for presurgical

computed tomography for presurgical evaluation of posterior fossa tumors, (JCAT), 9: 1065, 1985

Naidich TP; Yousefzadeh DK; Gusnard DA;
Naidich JB: sonography of the internal capsule
and basal ganglia in infants: part II: localization
of pathologic processes in the sagittal section
through the caudothalamic groove, (Radiology),
161: 615, 1986

Naidich TP; Zimmerman RA: primary brain tumors in children, (Semin Roentgenol), 19: 100, 1984 Naik DR; Moore DJ: ultrasound diagnosis of gastro-oesophageal reflux, (Radiology), 154: 275, 1985 Naimark A See Singer AM Naimuddin S See Hasegawa BH Nair KM See Sien IP.

Nair KM See Finn JP

Naito H See Yamaguchi T Naito Y See Kuzuhara S Najarian KE; Kurtz AB: new observations in the

sonographic evaluation of intrauterine contraceptive devices, (J Ultrasound Med), 5: 205, 1986 Najjar H See Ohlsson A

Nakabayashi T See Oi H

Nakabayashi T See Oi H
Nakagawa N; Takahashi M; Kohrogi Y; et al:
neuroradiologic findings of hypothalamic
hamartoma with emphasis on computed
tomography, (CT), 10: 77, 1986
Nakagawa N; Takahashi M; Maeda K; et al: case
report: adrenal haemangioma coexisting with
malignant haemangioendothelioma, (Clin
Radiol), 37: 77, 1986

Nakagawa T See Echizenya K Nakajima K; Bunko H; Tonami N; et al: congenitally corrected transposition of the great arteries associated with te pre-excitation syndrome, (Clin Nucl Med), 11: 564, 1986

Nakajima K; Bunko H; Tonami N; et al: length-based Fourier analysis in the pre-excitation syndrome, (J Nucl Med), 27: 1131, 1986

Nakajima K; Tonami N; Hisada K; et al: bile leakage over the hepatic surface detected by hepatobiliary imaging, (Clin Nucl Med), 11: 358, 1986

Nakajima N See Yamaguchi T Nakajima Y See Ohnishi K Nakajima Y See Suzuki S Nakajo M See Arnstein NB

Nakajo M; Shimabukuro K; Yoshimura H; et al: iodine-131 metaiodobenzylguanidine intra-an extravesicular accumulation in the rat heart, (J Nucl Med), 27: 84, 1986

Nucl Med), 27: 84, 1986

Nakakuma K; Tashiro S; Hiraoka T; Ogata K;
Ootsuka K: hepatocellular carcinoma and
metastatic cancer detected by iodized oil,
(Radiology), 154: 15, 1985

Nakamoto SK See vanSonnenberg E

Nakamoto SK; vanSonnenberg E: cholangiocarcinoma in pregnancy: contributions of ultrasound-guided interventional techniques, (J Ultrasound Med), 4: 557, 1985

Nakamura H See Oi H

Nakamura H; Kondoh H: emphysematous cholecystitis: complication of hepatic artery embolization, (Cardiovasc Intervent Radiol), 9:

Nakamura H; Oi H: newly devised long sheath for transfemoral angiography, (Radiology), 155:

Nakamura H; Tanaka M; Oi H: hepatic embolization from the common hepatic artery using balloon occlusion technique, (AJR), 145: 115, 1985 Nakamura J See Satomi G

Nakamura K See Nishimura Y Nakamura M See Hiroshima K Nakamura N See Sakai H Nakamura S See Kimura A

Nakamura T See Moriyasu F
Nakanishi T; Ogawa H; Kawamura T; et al:
comparison of convex and linear transducers for
sonographic assessment of te liver, spleen, and
pancreas, (AJR), 143: 1110, 1984

Nakano H, Nojima K, Saito A, et al: high incidence of aortic regurgitation following Kawasaki disease, (Radiology), 158: 283, 1986 Nakano H; Ueda K; Saito A; et al: Doppler detection

of tricuspid regurgitation following Kawasaki disease, (Pediatr Radiol), 16: 123, 1986 Nakano M See Maeda Y

Nakano Y See Nishimura K Nakano Y See Togashi K

Nakano Y; Togashi K; Nishimura K; Itoh K; Fujisawa I; Asato R; Adachi H; Itoh H; Torizuka K: stomach and duodenum: radiographic magnification using computed radiography (CR), (Radiology), 160: 383, 1986 Nakao K; Miyata M; Takenaka H; et al:

intraoperative ultrasonographic diagnosis of Budd-Chiari syndrome, (JCU), **14**: 562, 1986

Nakao N; Miura K; Takahashi H; Ohnishi M; Miura T; Okamoto E; Ishikawa Y: hepatocellular carcinoma: combined hepatic, arterial, and portal venous embolization (Radiology), 161: 303, 1986

Nakao S See Funada H Nakao S; Tanaka H; Tahara M; et al: regurgitant jet and echocardiographic abnormalities regurgitation: an experimental study, (Radiology), **151**: 272, 1984

Nakashima T See Takashi M Nakashima Y; Unni KK; Shives TC; et al:

mesenchymal chondrosarcoma of bone and soft tissue: review of 111 cases, (Radiology), **161**: 575, 1986

Nakashima Y; Yamamuro T; Fujiwara Y; et al: osteofibrous dysplasia (ossifying fibroma of long bones). a study of 12 cases, (Radiology), 151: 263, 1984

Nakasone S See Satoh T Nakata H See Tsukamoto Y

Nakata H See Tsukamoto Y
Nakata H; Ishimaru H; Nakayama C; et al:
computed tomography for preoperative
evaluations of lung cancer, (CT), 10: 147, 1986
Nakata H; Kimoto T; Nakayama T; Kido M;
Miyazaki N; Harada S: diffuse peripheral lung
disease: evaluation by high-resolution
computed tomography, (Radiology), 157: 181,

Nakata H; Sato Y; Nakayama T; et al: bronchogenic cyst with high CT number: analysis of contents, (JCAT), 10: 360, 1986

Nakayama C See Nakata H Nakayama DA See Barthelemy CR Nakayama F See Yoshimoto H

Nakayama S; Sakata J; Kusumoto S; et al: ultrasonic appearance of the liver in hepatic venous outflow obstruction (Budd-Chiari syndrome): case of pseudohepatic infarct associated with Behcet's disease, (JCU), 14: 300, 1986

Nakayama T See Nakata H

Nakayama T See Ohnishi K Nakielny RA See Downey DB Nakielny RA; Thomas WEG; Jackson P; et al:

radionuclide evaluation of acute scrotal disease, (Radiology), 154: 284, 1985

Nakstad PH; Bakke SJ; Kjartansson O; et al: intraarterial digital subtraction angiography of the carotid arteries: special reference to contrast media, (Neuroradiol), 28: 195, 1986

Makstad PH; Bakke SJ; Kjartansson O; et al:
Omnipaque vs. Hexabrix in intravenous DSA of
the carotid arteries: randomized double-blind
crossover study. (AJNR), 7: 303, 1986

Nakstad PH; Nornes H; Hauge HN: traumatic
aneurysms of the pericallosal arteries,
(Neuroradiol), 28: 335, 1986

Namura Y See Kuzuhara S Nanagas MT See Robinow M Nancarrow PA See Taylor GA Nancarrow PA; Edwards DK: kinked catheters: radiographic appearance of functionally significant bends, (AJR), 146: 789, 1986

Nancarrow PA; Higgins CB: progressive thoracic aortic dilatation after aortic valve replacement, (AJR), 142: 669, 1984

(AJR), 144: 1097, 170% (Carrow PA; Lock JE; Fellows KE: embolization of an intraosseous arteriovenous malformation, (AJR), 146: 785, 1986

(NJN), 490: 705, 1700

Mancarrow PA; Mattrey RF; Edwards DK; et al: fibroadhesive meconium peritonitis: in utero sonographic diagnosis, (J Ultrasound Med), 4: 213, 189

213, 1985 Nanda N See Steiner RM Nanda NC See Bhandari AK Nanda NC See Perry JC Nanda NC See Rosenzweig MS Nanda NC See Suthar AL

Nanda NC See Suthar AL
Nanney SM See Leonard JC
Nanni D; Lotz PR: hemorrhagic nerve sheath
tumors (plexiform neurofibromas) of the scalp:
CT findings, (ICAT), 9; 272, 1985
Nanton MA See Belcourt CL
Napolitano J See Cholankeril JV
Nara A See Lieberman JM
Narahara KA See Harley DP Narahara KA See Mena I Narayana AS See Abu-Yousef MM

Narayana AS See Abu-Youset MM Narayana PA; Delayre JI; Misra LK: in vivo <sup>31</sup>P NMR studies of avian dystrophic muscles, (Magn Res Med), 3: 549, 1986 Nardi GL See Mueller PR Nardi GL See White EM

Nardi PM See Haller JO Narimatsu Y See Yuasa Y

Narimatsu Y See Yuasa Y
Narita N See Yoshimura H
Naruse S; Horikawa Y; Tanaka C; et al: significance
of proton relaxation time measurement in brain
edema, cerebral infarction and brain tumors,
(Magn Res Imag). 4: 293, 1986
Naruse S; Horikawa Y; Tanaka C; Higuchi T;
Sekimoto H; Ueda S; Hirakawa K: evaluation of
the effects of photoradiation therapy on brain
tumors with in vivo P-31 MR spectroscopy,
(Radiology). 166: 827, 1986
Nasca RJ See Daniel WW
Nasseem M See Leehev P

Naseem M See Leehey P Naseem M; Hood JD; Devasthali R: traumatio pneumocephalus caused by stab wound to the neck, (AJNR), 7: 174, 1986 Naseem M; Sanchez O; Rezvanpour AO: mirror

Nascem M; Sanchez U; Rezvanpour AO: mirror image arteriovenous malformations of the brain, (Radiology), 154: 277, 1986. Nasr AM: Ossoning KC; Kersten RF; et al: standardized echogenic-histopathologic correlations in liposarcoma, (Radiology), 157: 858, 1985

Nasrallah PF See Bruno AN Nass R See Lee BCP Nassar R See Hedlund LW Nassi M See Guthaner DF

Nassiri DK See Nicholas D Nath HP; Jaques PF; Soto B; et al: aortic dissection masquerading as gastrointestinal disease, (Cardiovasc Intervent Radiol), 9: 37, 1986 Nath PH See Breatnach ES

Nath PH See Diethelm E Nath PH See Keller FS

Nath PH See Keller FS
Nath PH; Soto B, Bini RM; et al: tetralogy of Fallot
with atrioventricular canal: an angiographic
study, (Radiology), 154: 553, 1985
Nathan E See Carlsen O
Nathan RO See Williams J III
National Institutes of Health Consensus
Conference: use of diagnostic ultrasound
imaging during pregnancy, (Radiology), 154:
569, 1985
Natura C See Lee Y-Y

569, 1985
Nauert C See Lee Y-Y
Nauert C; Zornoza J; Ayala A; et al: eosinophilic
granuloma of bone: diagnosis and manageme
(Radiology), 154: 556, 1985
Nauta HJW See Mirfakhraee M
Navab F See Williamson MR
Navarro JL See Sussman MH

Navez J-P See Pringot J Nawaz K; Hamad MM; Sadek S; et al: dynamic

lymph flow imaging in lymphedema: normal and abnormal patterns, (Clin Nucl Med), 11: 653 1986

Nawaz MK See Abdel-Dayem HM Nayler GL; Firmin DN; Longmore DB: blood flow imaging by cine magnetic resonance, (JCAT), 10: 715, 1986

715, 1986

Neagley SR; Vought MB; Weidner WA; et al:
transient oxygen desaturation following
radiographic contrast medium administration,
(Radiology), 161: 576, 1986

Nealey P See Quinn MJ
Neckles S See Campbell WA
Neckles S See Vintzileos AM
Nedzelski JM: cerebellopontine angle tumors:
bilateral flocculus compression as cause of
associated oculomotor abnormalities,
(Radiology), 152: 558, 1984

Needell GS See Nosher IL Needleman L See Rifkin MD

Needleman L See Rifkin MD

Needleman L; Kurtz AB; Rifkin MD; et al:
sonography of diffuse benign liver disease:
accuracy of pattern recognition and grading,
(AJR), 146: 1011, 1986

(A)K), 146: 1011, 1986 Neeley JP See Picus D Neeley S See Delaney P Neff CC See Quinn SF Neff CC See VanSonnenberg E Neff CC See White EM

Neff CC; Lawson DW: Boerhaave syndrome: interventional radiologic management, (AJR), 145: 819, 1985

Neff CC; Mueller PR; Ferrucci JT Jr: anterior subcostal vs. lateral intracostal approach to biliary drainage procedures: reply, (Radiology), 154: 548, 1985

154: 548, 1985'
Neff CC; Mueller PR; Ferrucci JT Jr; Dawson SL;
Wittenberg J; Simeone JF; Butch RJ;
Papanicolaou N: serious complications
following transgression of the pleural space in
drainage procedures, (Radiology), 152: 335, 1944
Neff CC; Simeone JF; Wittenberg J; Mueller PR;
Ferrucci JT Jr: inflammatory pancreatic masses:
problems in differentiating focal pancreatitis
from carcinoma, (Radiology), 150: 35, 1984
Neff IR See De Smet AG.

Neff JR See De Smet AA Neff JR See Lee KR Neff JR See Levine E

Negendank W: clinician's view of the potential uses

of nuclear magnetic resonance imaging in medicine. (Radiographics). 4: 171. 1984

Neils EW: radiologic manifestations of amyloidosis (a reverse gamut), (Semin Roentgenol), 21: 99, 1986

Neiman HL See Friedman H Neiman HL See Hutchins WW Neiman HL See Mendelson EB Neiman HL See Smith SJ Neiman HL See Vogelzang RL Neimann J-L See Boulay F Neimann JL See Danchin N Neithamer CD Jr See Rozenblit G Nejatheim M See Strashun AM

Nels GF: nitrofurantion-induced pancreatitis: report of a case, (Radiology), **151**: 260, 1984 Nelp WB See Drane WE Nelp WB See Gilbert BR

Nelp WB See Vea HW Nelson AD See Bryan PJ Nelson AD See Fletcher BD Nelson AD See Laakman RW Nelson AD See Lieberman JM Nelson AD See Miraldi FD

Nelson AD See Schultz CL
Nelson AW; Reed HT; Haney PJ; et al: gray-scale (B-mode) sonography of the maxillary sinus, (J Ultrasound Med), 5: 477, 1986
Nelson J See Norman A

Nelson J See Norman A Nelson JA See Davis WL Nelson JA See de Vries N Nelson JA See Hardin CW Nelson JA See Hillard AE Nelson JA See Kruger RA Nelson JA See Liu P

Nelson JA: newer subtraction and filtration techniques, (Radiol Clin North Am), 23: 185, 1985

Nelson KL See Young AT Nelson LB See Shields JA Nelson MJ See Floyd JL

Nelson MJ; Cavalieri R; Graham D; et al: cysts in pregnancy discovered by sonography, (JCU), 14: 509, 1986

Nelson PA; Bowie JD; Rosenberg ER: early intrauterine pregnancy or decidual cast: an anatomic-sonographic approach, (Radiology), 153: 280, 1984

Nelson PM See Moreno AJ Nelson SJ See Richardson ML Nelson TR See Hendrick RE Nelson TR See Pretorius DH

Nelson TR See Pretorius DH
Nelson TR, Pretorius DH; Schiffer LM: menstrual
variation of normal breast NMR relaxation
parameters, (JCAT), 9: 875, 1985
Nemcek A See Sartoris DJ
Nemcek AA Sr; Holmburg CE: reversible renal
fibromuscular dysplasia, (AJR), 147: 737, 1986
Nemoto Y See Inoue Y

Neoptolemus J See vanSonnenberg E Nerot C See Fornage BD Nesse O See Edvardsen P Nestico PF See DePace NL

Nestico PF; Hakki A-H; Iskandrian AS; et al: thallium-201 imaging in pericardial effusion, (Clin Nucl Med), 11: 213, 1986

Nestvold K See Sortland O
Netanyahu I; Grant EG: prominent choroid plexus
in meningomyelocele: sonographic findings,
(AJNR), 7: 317, 1986

Netto NR Jr; Ikari O; Zuppo VP: traumatic rupture of female urethra, (Radiology), 152: 842, 1984 Neuenschwander S See Sebag A

Neuenschwander S; Couanet D; Montagne JP: integrated imaging of hepatic tumors childhood, (Radiology), **158**: 278, 1986 Neufeld HN See Motro M

Neutled HN See Motro M
Neuhold A See Fruhwald F
Neuhold A; Fruhwald F; Balogh B; et al:
sonography of the tongue and floor of mou
part l: anatomy, (Eur J Radiol), 6: 103, 1986
Neuman MR See Selim MA
Neumann CH See Peterson IM
Neumann CH See Sartoris DJ

Neumann CH See Sartoris DJ
Neumann CH; Buttner C: pancreatic tail
pseudotumor—CT demonstration of an
anatomic variation of the pancreatic tail
responsible for abnormal finding on
conventional radiographic and
ultrasonographic abdominal examinations,
(Radiology), 151: 272, 1984
Neumann DR; Pearlstein AE: retracted testis
mimicking lymphomatous recurrence: CT

reumann Dr.; rearistein AE: retracted testis mimicking lymphomatous recurrence: CT demonstration, (JCAT), 10: 159, 1986 Neumann E See Richardson ML Neumann R See Hoffer PB Neumann RD See Zeman RK Neumann RD See Zoghbi SS Neumayer K See Lammer J Neuwirth M See Baker ND Neuzil D See Beaumier PL Nevalainen T See Langenskiold A Neves CMC See Uflacker R New PFJ See McGinnis BD New PFJ See Oot R New PFJ See Oot R
New PFJ See Oot RF
New PFJ; Bachow TB; Wismer GL; et al: MR
imaging of the acoustic nerves and small
acoustic neuroms at 0.6 T: prospective study,
(AJNR), 6: 165, 1985 New PFJ; Ojemann RG; Davis KR; et al: MR and CT of occult vascular malformations of the brain, (AJNR), 7: 771, 1986

Newberg AH; Munn CS; Robbins AH: complications of arthrography, (Radiology), 155: 605, 1985

complications of arthrography, (Radiology), 155: 605, 1985
Newberg AH; Wetzner SM: digital subtraction arthrography, (Radiology), 154: 238, 1985
Newbold RG See Wiener MD
Newell JD See Child DD
Newell JD See Rowberg AH
Newell JD See Rowberg AH
Newell JD Hunter TB: personal computer needs for the radiologist, (Invest Radiol), 21: 167, 1986
Newell JD II See Ovitt TW
Newell JD II See Seeley GW
Newell JD II See Seeley GW
Newell JD II See Seeley GW
Newell JD See Rhodes BA
Newhouse JH See Dretler SP
Newhouse JH See Dretler SP
Newhouse JH See Dretler SP
Newhouse JH: current concepts of uroradiology, (Radiology), 154: 322, 1985
Newhouse JH: diagnosis of genitourinary disease, (Radiology), 151: 392, 1984
Newhouse JH; Amis ES J; Pfister RC: urinary obstruction: pitfalls in the use of delayed contrast material washout for diagnosis, (Radiology), 151: 319, 1984

contrast material washout for diagnosis, (Radiology), 151: 319, 1984 Newhouse JH; Markisz JA; Kazam E: magnetic resonance imaging of the kidneys, (Cardiovasc Intervent Radiol), 8: 351, 1986 Newhouse JH; Prien EL; Amis ES Jr; et al:

computed tomographic analysis of urinary calculi, (AJR), 142: 545, 1984 Newiger H; Giese K; Harder D: measuring the time of flight of ultrasonic pulses with local resolution, (Radiology), 150: 297, 1984

resolution, (Radiology), 150: 297, 1984
Newlands ES See Athanassiou AA
Newman B; Teele RL: ascites in the fetus, neonate,
and young child: emphasis on ultrasonographic
evaluation, (Semin US CT MR), 5: 85, 1984
Newman D See Lingeman JE
Newman DE See Aitken AGF
Newman DE; Cooperberg PL: genetics of
sonographically detected intrauterine fetal
cystic hygromas, (Radiology), 153: 860, 1984
Newman FD See Hendrick RE
Newman GE See Braun SD

Newman GE See Braun SD Newman GE See Cohan RH Newman GE See Dunnick NR Newman GE See Perlmutt LM

Newman GE See Perlmutt LM
Newman GE See Silverman PM
Newman HFV; Bleehen NM; Workman P: phase I
study of the combination of two hypoxic cell
radiosensitizers, Ro 03-8799 and SR-2508:
toxicity and pharmacokinetics, (Int J Radiat
Oncol Biol Phys), 12: 1113, 1986
Newman HFV; Bleehen NM; Workman P: phase I
study of the combined hypoxic cell
radiosensitisers, Ro 03-8799 and SR 2508:
retilimizary report of single-dose trajectivity.

preliminary report of single-dose toxicity, pharmacokinetics and tumour concentrations, (Br J Radiol), **59**: 423, 1986

Newman JH See Fulkerson WJ Newman LH See Mitty HA Newman P, Browne MK; Mowat W: simple technique for quantitative cholecystokinin-HIDA scanning, (Radiology), 151: 277, 1984

Newman RC See Grantham IR Newmark H III; Mellon WS Jr; Bhagwanani DG; et al: carotid body tumor seen on computed tomography, (Radiology), 150: 865, 1984 Newsome DA; Green WR; Miller ED; et al:

microvascular aspects of acquired immune deficiency syndrome retinopathy, (Radiology), 156: 861, 1985

Newton TH See Brant-Zawadzki M

Newton TH See Callen PW Newton TH See Dooms GC Newton TH See Kjos BO

Newton TH See Kucharczyk W Newton TH See Stimac GK

Newton TH See Sze G Nezelof C See Garel LA

Ng TC; Majors AW; Meany TF: in vivo MR spectroscopy of human subjects with a 1.4-T whole-body MR imager, (Radiology), 158: 517, 1986

Ngo C See Ralls PW Ngo F See Modic MT Ngo FQH See Kurland RJ Nguyen DL See Talley MA Nguyen DL See Wilson DA

Nguyen DL; Leonard JC: ischemic hepatic necrosis: cause of fetal liver calcification, (AJR), 147: 596, 1986

Nguyen KB See Robey G

nguyen Kf See Kobey G Nguyen KT See Greaves F-W Nguyen L; Youssef S; Guttman FM; et al: hydrometrocolpos in neonate due to distal vaginal atresia, (Radiology), 155: 857, 1985 Nguyen V See Cone RO III

Nguyen V Sec Cone RO III: ring Sequestrum: radiographic characteristics of skeletal fixation pin-tract osteomyelitis, (Radiology), 158: 129, 1986

Ni C; Wagoner MD; Wang W-J; et al: mucoepidermoid carcinomas of the lacrimal sac, (Radiology), 152: 260, 1984

Ni X-Y; Goldberg HI: aphthoid ulcers in Crohn disease: radiographic course and relationship to bowel appearance, (Radiology), 158: 589, 1986 Nias AHW See Smith E

Niccum N See Knopman DS
Nicholas D; Nassiri DK; Garbutt P; et al: tissue
characterization from ultrasound B-scan data,
(Ultrasound Med Biol), 12: 135, 1986

Nicholas DA See McArdle CB Nicholas GC; DeMuth WE Jr: treatment of renal artery embolism, (Radiology), 153: 565, 1984

Nichols DA; James EM; Charboneau JW; et al: imaging of a primary carcinoid tumor of the testicle, (J Ultrasound Med), 4: 255, 1985

Nichols DM See Bergin CJ Nichols DM See Goiney RC Nichols DM See Muller N

Nichols DM; Burhenne HJ: magnification in cholangiography, (AJR), 142: 947, 1984 Nichols DM; Burhenne FJ: Golding RH; et al: safe intercostal approach? pleural complications in abdominal interventional radiology, (AJR), 142: 1013, 1984

Nichols J See Skorton DJ Nichols L See Katz JF Nichols PF III See Ciro E Nichols ST See Smith MR

Nichols VB See Sherowsky RC Nichols-Hostetter S See Harris JH Jr Nicholson G See Sewchand W

Nicholson RL See Lewis CE Nickerson C See McArdle CR

Nickoloff EL See Romney BM Nickoloff EL; Perman WH; Esser PD; Bashist B; Alderson PO: left ventricular volume: physical basis for attenuation corrections in radionuclide determinations, (Radiology), 152: 511, 1984

Nicolaou N; Conlan AA: congenital broncho-oesophageal fistula, (Radiology), 150: 287, 1984 Nicolaou N; Katz G; Conlan AA: gastropericardial fistula presenting as acute cardiac tamponade. a case report, (Radiology), 152: 840, 1984

Nicoleau F See Vasile N Nicolet V See Casola G

Nicolet V See Dufresne M-P Nicolet V; Chalaoui J; Vezina JL; et al: C2 "target": composite shadow, (AJNR), 5: 331, 1984

composite shadow, (AJNR), 5: 331, 1984

Nicolet V; Ethier S; Lamarre L: sonographic
appearances of the wall of ovarian dermoid
cysts, (Radiology), 156: 283, 1985

Nicolet V; Grignon A; Perreault C; et al: urinary
tract infection in children: a reappraisal of its
radiologic investigation, (Radiology), 155: 856,
1985

1985
Nicolini U See Ferrazzi E
Nicolini U; Ferrazzi E; Bellotti M; et al:
contribution of sonographic evaluation of
ovarian size in patients with polycystic ovarian
disease, (J Ultrasound Med), 4: 347, 1985

Nidecker A See Remagen W Nidecker AC; Muller S; Aue WP; Seelig J; Fridrich R; Remagen W; Hartweg H; Benz UF: extremity bone tumors: evaluation by P-31 MR spectroscopy, (Radiology), 157: 167, 1985 Nidecker AC; von Hochsetter A; Fredenhagen H: accessory muscles of the lower calf, (Radiology)

Nie ZQ See Rong SH

Nie ZQ See Rong SH
Niederau C; Sonnenberg A: liver size evaluated by
ultrasound: ROC curves for hepatitis and
alcoholism, (Radiology), 153: 503, 1984
Niederhuber JE See Ziessman HA
Niehues B; Heuser L; Jansen W; et al: noninvasive
detection of intracardiac tumors by ultrasound
and computed tomography, (Radiology), 150:
297, 1984

Niell HB See Sebes II Nielsen BB See Nielsen NSM Nielsen ES See Rorth M

Nielsen H See Gjorup T
Nielsen NSM; Nielsen BB: mammographic features
of sclerosing adenosis presenting as a tumnour,
(Clin Radiol), 37: 371, 1986
Nielsen NSM; Poulsen HS: relation between

mammographic findings and hormonal receptor content in breast cancer, (AJR), 145: 501, 1985 Nielsen SL See Vyberg M

Niemeyer JH See Glazer HS Niendorf HP See Bydder GM Niendorf HP See Carr DH Niendorf HP See Curati WL Niendorf H-P See Felix R Niesman MR See Magin RL Niijima T See Kimura A Niizuma M See Kimura A

Nijhuis-Heddes JMA See Mallens WMC

Niklason LT See Fraser RG

Niklason LT; Barnes GT; Rubin E: mammography phototimer technique chart, (Radiology), 157: 539, 1985

Niklason LT; Hickey NM; Chakraborty DP; Sabbagh EA; Yester MV; Fraser RG; Barnes GT: simulated pulmonary nodules: detection with dual-energy digital versus conventional radiography, (Radiology), 160: 589, 1986
Niles N See Rosch J

Niles NL See McCorkell SJ

Nilsson PE See Ekberg O Nilsson U; Evander A; Ihse I; et al: percutaneous transhepatic cholangiography and drainage: risks and complications, (Radiology), 152: 847,

Nimalasuriya A See Chandraratna PAN Ninomiya K See Duncan WJ Nino-Murcia G See Simerman LP Nino-Murcia M See Simerman I.P.

Nino-Murcia M; Rao VM; Mikaelian DO; et al:

Nino-Murcia Nr. Rao Wi, Minkelian Dr.; et al: acute sinusitis mimicking antrochoanal polyp, (AJNR), 7: 513, 1986 Nirapathpongporn S; Osatavanichvong K; Udompanich O; Pakanan P: pneumoperitoneum detected by ultrasound, (Radiology), 150: 831, 1984

(Kadiology), 190: 831, 1994
Niroomand-Rad A; Gillin MT; Komaki R; et al: dose distribution in total skin electron beam irradiation using the six-field technique, (Int J Radiat Oncol Biol Phys), 12: 415, 1986
Nirschl RP See Blei CL

Nisbet AP; Edwards S; Lazarus CR; et al: chromium 51 EDTA/technetium 99m MDP plasma ratio to measure total skeletal function, (Radiology), **155**: 863, 1985

Nisce L See Parvinen LM Nishi M See Yoshinaka H Nishida O See Moriyasu F Nishihara H See Yoshikai T Nishikawa J See Machida K Nishikawa J See Seo HS Nishikawa RM See Yaffe MJ

Nishimura K See Itoh K Nishimura K See Murata K

Nishimura K See Nakano Y

Nishimura K See Nakano Y Nishimura K See Togashi K Nishimura K; Togashi K; Itoh K; Dodo Y; Tanada S; Nakano Y; Torizuka K: enlarged umbilical vein as a sign of portal hypertension: detection by lateral radiography, (Radiology), 155: 294, 1985 Nishimura M See Abe S Nishimura M See Nouchi T

Nishimura M; Ieshima A; Takashima S; et al: focal vulnerability of developing brain: CT studies on disproportionally dilated lateral ventricles, (Neuroradiol), **28**: 30, 1986

Nishimura RA; Connolly DC; Parkin TW; et al: constrictive pericarditis: assessment of curren diagnostic procedures, (Radiology), 157: 563, 1985

Nishimura RA; Miller FA; Callahan MJ; et al: Doppler echocardiography: theory, instrumentation, technique, and application, (Radiology), **157**: 574, 1985 Nishimura Y; Fushiki M; Yoshida M; Nakamura K; Imai M; Ono T; Morikawa S; Hatayama T; Komatz Y: left renal vein hypertension in patients with left renal bleeding of unknown origin, (Radiology), 160: 663, 1986 Nishioka H See Sahs AL

Nishitani H; Umezu Y; Ogawa K; Yuzuriha H; Tanaka H; Matsuura K: dual-energy projection radiography using condenser x-ray generator and digital radiography apparatus, (Radiology), 161: 533, 1986

Nishiyama H; Lukes SJ; Saenger EL: low-level internal radionuclide contamination: use of gamma camera for detection, (Radiology), **150**: 235, 1984

235, 1964
Nishiyama H; Saenger EL; Grossman LW; Lukes SJ: accidental Cs-137 contamination, (Radiology), 154: 513, 1985

Nishizawa S See Sano A
Nistal M; Regadera J; Razquin S; et al: malakoplakia
of the maxillary sinus, (Radiology), 158: 861,

Nistet AP; Ratcliffe GE; Ellam SV; et al: clinical

Nistet AP; Ratcliffe GE; Ellam SV; et al: clinical indications for optimal use of the radionuclide brain scan, (Radiology), 151: 276, 1984
Nitatori T; Hachiya J; Korenaga T; Furuya Y: whole body intravenous digital subtraction angiography. (Radiology), 156: 829, 1985
Nix GAJJ; Schmitz PIM; Wilson JHP; et al: carcinoma of the head of the pancreas: therapeutic implications of endoscopic retrograde cholangiopancreatography findings, (Radiology), 156: 633, 1985
Nix W See Ludwig B
Nixon GW See Bover RS

Nixon GW See Boyer RS Nixon JV See Hirsh PD

Nixon JV; Saffer SI; Lipscomb K; et al: three-dimensional echoventriculography, (Radiology), 152: 265, 1984

Nixon SJ See Simpson A Nizet M See Bekhti A Noall DL See Gates GF Noble RC See Stelling CB Nocera RM See Bedi DG Noda M See Tanohata K

Noel A; Harbert JC: splenic simulation by left hepatic lobe following splenectomy, (Radiology), 153: 861, 1984

Noel AW; Heyman S: scintigraphic findings in infantile hemangioendothelioma, (Clin Nucl Med), 11: 413, 1986

Noel AW; Velchik MG: urine extravasation into the scrotum, (J Nucl Med), 27: 807, 1986 Noetzel MJ; Marsh JL; Palkes H; et al:

hydrocephalus and mental retardation in craniosynostosis, (Radiology), 159: 575, 1986

Nogrady MB See Jequier S Nohira K See Uno K Nojima K See Nakano H Nola P See Rudan N Nolan DJ See Mendelson RL

Nolan DJ See Mendelson KI. Nolan DJ See Treacher DF Nolan DJ; Cadman PJ; Jeffree MA: detailed per-oral small-bowel examination versus enteroclysis, (Radiology), 157: 836, 1985 Noll R See Silberstein EB

Noma S See Murata K Nomura F See Ohnishi K

Nomura F See Unnishi X Nomura G; Kinoshita E; Yamagata Y; et al: usefulness of renal ultrasonography for assessment of severity and course of acute tubular necrosis, (Radiology), 153: 859, 1984

Noordam MJ See Tonge HM
Nordby A; Halgunset J; Haugen OA: effects of radiographic contrast media on monolayer cell cultures. (Invest Radiol), 21: 234, 1986
Nordell B See Bergstrand G

Nordell B See Skog S Nordenstrom BEW: biokinetic impacts on structure and imaging of the lung: concept of biologically closed electric circuits, (AJR), 145: 447, 1985 Norder A See DeLibero BB

Nordshus T See Eriksson J Nordshus T See Eyjolfsson O Noren G See Hatam A

Norgaard-Pedersen B; Schultz HP; Arends J; et al: tumour markers in testicular germ cell tumros: five-year experience from the DATECA study, 1976–1980, (Radiology), 156: 287, 1985

Nori D See Assad WA Nori D See Mandell L Nori D See Marchese MJ

Nori D See Marcnese mJ Norins AL See Bull MJ Norman A See Greenspan A Norman A; Abdelwahab IF; Buyon J; Matzkin E: osteoid osteoma of the hip stimulating an early onset of osteoarthritis, (Radiology), 158: 417,

Norman A; Nelson J; Green S: fractures of the hook of hamate: radiographic signs, (Radiology), **154**: 49, 1985

Norman A; Sissons HA: radiographic hallmarks of peripheral chondrosarcoma, (Radiology), 151: 589, 1984

Norman A; Steiner GC: bone erosion in synovial chondromatosis, (Radiology), 161: 749, 1986 Norman D See Badami JP

Norman D See Brant-Zawadzki M Norman D See Dooms GC

Norman D See Fike JR

Norman D See Holland BA Norman D See Kelly WM Norman D See Kelly WM Norman D See Kjos BO Norman D See Kucharczyk W Norman D See Lallemand DP Norman D See Morrison G

Norman D See Powers SK Norman D See Sobel D Norman D See Sze G

Norman D See See G Norman D; Ulloa N; Brant-Zawadzki M; Gould RG: intraarterial digital subtraction imaging cost considerations, (Radiology), 156: 33, 1985

Nornes H See Aaslid R Nornes H See Nakstad PH

Norouzi P See Mafee MF Norousi P See Mafee MF Noris CS; Greenfield LJ; Herrmann JB: free-floating iliofemoral thrombus. risk of pulmonary embolism, (Radiology), 158: 281,

Norris GA See Schellhas KP Norris JW See D'Alton JG Norris KJ See Ellerstein NS Norris S See Slutsky RA

Norris S See Slutsky RA
Norris SL; See Kipper SL
Norris SL; Mancini GBJ; Slutsky RA; et al:
comparison of the effects of intravenous and
direct left ventricular contrast injections on left
ventricular function, (Radiology), 151: 818, 1984
North CM; Segall HD; Stanley P; et al: early CT
detection of intracranial seeding from
medulloblastoma, (AJNR), 6: 11, 1985
North CM See Ahmadi J
North CM: Ahmadi I; Segall HD; et al: penetrating

North CM: See Anmadi J.
North CM; Ahmadi J; Segall HD; et al: penetrating
vascular injuries of the face and neck: clinical
and angiographic correlation, (AJNR), 7: 855,

North RB See Davis RJ North RB See Zinreich SJ North RB See Zinreich SJ
Northup HM See Eisenberg RA
Norton JA See Doppman JL
Norton JA See Krudy AG
Norton KI See Goodman JD
Norton KI; Sem PM: computed tomography
findings in a case of hypogammaglobulinemia,
(CT), 10: 41, 1986
Noscon NI; Sourcia AI; Brown NI; et al:

Noscoe NJ; Fourcin AJ; Brown NJ; et al: examination of vocal fold movement by ultrashort pulse  $\chi$  radiography, (Radiology), 152: 260, 1001

Nose Y See George CR Noseworthy J See Ball WS Jr Nosher J See Kim HC

Nosher JL; Needell GS; Amorosa JK; et al: transrectal pelvic abscesss drainage with sonographic guidance, (AJR), 146: 1047, 1986 Nosil J See Stein RA

Nosil J See Štein RA

Noss PJ; Herzberg DL: fogging of radiographs by in vivo radionuclides, (AJR), 144: 847, 1985

Nostrand TT See Agha FP

Notghi A; Merrick MV; Ferrington C; et al: comparison of simplified and standard methods for the measurement of glomerular filtration rate and renal tubular function, (Br J Radiol), 59: 35, 1986 35, 1986

Nothdurft W; Calvo W; Klinnert V; et al: acute and indurit W; Calvo W; Klinnert V; et al: acute and long-term alterations in the granulocyte/macrophage progenitor cell (GM-CFC) compartment of dogs after partial-body irradiation: irradiation of the upper body with a single myeloablative dose, (Int J Radiat Oncol Biol Phys), 12: 949, 1986

Biol Phys), 12: 949, 1986
Notley HM See Fleishman AB
Notley HM See Wilkinson JM
Notman DNH See Sirr SA
Notman DNH; Tashjian J; Aufderheide AC; et al:
modern imaging and endoscopic biopsy
techniques in Egyptian mummies, (AJR), 146:
93, 1986

Noto AM See Beltran J
Noto AM; Ragosin RJ; Beltran J: CT demonstration
of a ureteroinguinal hernia causing
hydronephrosis, (JCAT), 9: 832, 1985

hydronephrosis, (JCAT), 9: 832, 1985

Notter G See Turesson I

Nouchi T; Nishimura M; Maeda M; et al:
transcatheter arterial embolization of ruptured
hepatocellular carcinoma associated with liver
cirrhosis, (Radiology), 156: 272, 1985

Nov AA; Howe JF; Smith GR, et al: internal carotid
artery occlusion by DSA: "diagnostic trap"
relearned, (AJNR), 6: 105, 1985

Nov AA; Smith GR; McMillin T: splenic "draping": clarification by gastric and splenic scintigraphy, (AJR), 142: 323, 1984

Novak R: method for control of the target at aspiration biopsy of non-palpable breast lesions, (Acta Radiol [Diagn]), 27: 65, 1986 Novales-Diaz J See Lisbona R

Novelli VM; Galbraith A; Smallhorn PJ; et al:

Novelli VM; Galbraith A; Smallhorn PJ; et al: cardiovascular abnormalities in Kawasaki disease, (Radiology), 154: 275, 1985 Novelline RA See Simeone JF Novelline RA See Squire LF Novelline RA: introduction to clinical radiology, (Radiology), 151: 300, 1984 Novetsky GJ; Berlin L: aqueductal stenosis: demonstration by MR imaging, (JCAT), 8: 1170, 1984

1984
Novich IS See Lisann NM
Novich AC See Maatman TJ
Novick AC See Streem SB
Novick GS See Teixidor HS
Novitzky D; Boniaszuczuk J; Cooper DKC; et al:
prediction of acute cardiac rejection using
radionuclide techniques, (Radiology), 152: 869,

1984
Novoa R See Ross JS
Novotny E Jr See Seidenwurm D
Nowak A See Smith WI.
Nowak D See Hellman RS
Nowak DJ See Eisner RL
Nowak DJ: Eisner RL; Fajiman WA: distanceweighted backprojection: SPECT reconstruction
technique, (Radiology), 159: 531, 1986
Nowell M See Austin RM
Noyek AM; Greyson ND; Steinhardt MI; et al:
thyroid tumor imaging, (Radiology), 150: 294,
1984
Noz ME: Erdman WA: Maguire GO Ir: Stahl TI:

1984
Noz ME; Erdman WA; Maguire GQ Jr; Stahl TJ;
Tokarz RJ; Menken KL; Salviani JA: modus
operandi for a picture archiving and
communication system, (Radiology), 152: 221,

1984
Nozick J See Schwarz W
Nseyo UO; Wilbur HJ; Kang SA; et al: penile xenon
(183Xe) washout: a rapid method of screening for
vasculogenic impotence, (Radiology), 152: 870,
1984

1984
Nugent RA See Dalley RW
Nugent RA See Lapointe JS
Nulson J See Mitchell DG
Numaguchi Y See Ey EH
Numaguchi Y; Weems AM; Mizushima A; et al:
myelography with metrizamide: effect of
contrast removal on side effects, (AJNR), 7: 498,

Nummi P See Soila K

Nummi P See Soila K
Nunan FA Jr. See Manco LG
Nunery WR; Welsh MG; McCord CD: recurrence of
sebaceous carcinoma of the eyelid after
radiation therapy, (Radiology), 151: 563, 1984
Nunez D See Castillo M
Nunez D Jr. See Russell E
Nunez D Jr. Guerra JJ Jr, Al-Sheikh WA; et al:
percutaneous biliary drainage in acute
suppurative cholangitis, (Gastrointest Radiol),
11: 85, 1986

suppurative cholangitis, (Gastrointest Radioi),
11: 85, 1986

Nunez D Jr; Huber JS; Yrizarry JM; et al:
nonsurgical drainage of appendiceal abscesses,
(AJR), 146: 587, 1986

Nunez D Jr; Yrizarry JM; Nadji M; et al: renal cell
carcinoma complicating long-term dialysis:
computed tomography-guided aspiration
cytology, (CT), 10: 61, 1986

Nunez D Jr; Yrizarry JM; Russell E; et al:
transgastric drainage of pancreatic fluid
collections, (AJR), 145: 815, 1985

Nunley JA See Apple JS

Nunley JA See Voorhees DR
Nunley WC Jr; Pope TL Jr; Bateman BG: upper
reproductive tract radiographic findings in DESexposed female offspring, (AJR), 142: 337, 1984

Nunn IN; Harewood LM; Hare WSC; et al:
percutaneous ultrasonic disintegration and
removal of renal calculi, (Radiology), 152: 253,
1984

percutaneous ultrasonic usintegration and removal of renal calculi, (Radiology), 152: 253, 1984

Nussbaum A; Hunter TB; Stables DP; spontaneous cyst rupture on renal CT, (AJR), 142: 751, 1984

Nussbaum AR; Dorst JP; Jeffs RD; Gearhart JP; Sanders RC; ectopic ureter and ureterocele: their varied sonographic manifestations, (Radiology), 159: 227, 1986

Nussbaum AR; Sanders RC; Jones MD: neonatal uterine morphology as seen on real-time US, (Radiology), 160: 641, 1986

Nussbaum M See Yang WC

Nussel See Brardac GB

Nwasei CG; Pape KE; Martin DJ; et al: periventricular infarction diagnosed by ultrasound: a postmortem correlation, (Radiology), 154: 851, 1985

Nyberg DA See Filly RA

Nyberg DA See Filly RA

Nyberg DA See Hardin CW

Nyberg DA See Hardin CW

Nyberg DA See Marony BS

Nyberg DA See Marony BS

Nyberg DA, Federle MP; Jeffrey RB Jr; et al: abdominal CT findings of disseminated mycobacterium avium-intracellulare in AIDS, (AJR), 145: 297, 1985

Nyberg DA, Filly RA; Filho DLD: Laing FC, Mahony BS: abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels, (Radiology), 158: 393, 1986

Nyberg DA; Filly RA; Mahony BS; et al: early gestation: correlation of HCG levels and sonographic identification, (Alpl. 144: 951, 1985 Nyberg DA; Jeffrey RB Jr; Brant-Zawadzki M; et al: computed tomography of cervical in

Nyberg DA; Jeffrey RB Jr; Federle MP; Bottles K; Abrams DI: AIDS-related lymphomas: evaluation by abdominal CT, (Radiology), 159: 59, 1986

59, 1986
Nyberg DA; Laing FC: ultrasonographic findings in peptic ulcer disease and pancreatitis that simulate primary gallbladder disease, (Radiology), 151: 833, 1984
Nyberg DA; Laing FC; Filly RA: threatened abortion: sonographic distinction of normal and abnormal gestation sacs, (Radiology), 158: 397, 1986

1700 Nyberg DA; Laing FC; Filly RA: threatened abortion: sonographic distinction of normal and abnormal gestation sacs: reply, (Radiology), 160: 567, 1986

Nyberg DA; Laing FC; Jeffrey RB Jr: sonographic detection of subtle pelvic fluid collections, (AJR), 143: 261, 1984

Nybonde T See Soderlund V Nyborg WL See Frizzell LA Nyborg WL See Ziskin MC

Nyborg WL: exposure parameters for diagnostic equipment, (Clin Diagn Ultrasound), 16: 183, 1985

Nyborg WL: mechanisms, (Clin Diagn Ultrasound), 16: 23, 1985

Nyborg WL: problems in establishing criteria for medical ultrasound, (Ultrasound Med Biol), 12:

679, 1986
Nykamp PW See Levy JM
Nyland TG; Hill DE; Hendrickx AG; et al:
ultrasonic assessment of fetal growth in the
nonhuman primate (macaca mulatta),
(Radiology), 156: 283, 1985
Nylander G See Ekberg O
Nyman U See Hildell J
Nyman U See Hildell J
Nyman U See Holtas S

man U; Dinnetz G; Andersson I: E-Z-CAT. an oral contrast medium for use in computed tomography of the abdomen, (Radiology), 154: 567, 1985

Nyska M; Floman Y; Fast A: osseous involvement in deQuervain's disease, (Radiology), 155: 852,

## 0

Oakley RH; Carty H: review of spondylolisthesis and spondylolysis in pediatric practice, (Radiology), 155: 855, 1985 Obana WG See Enzmann DR

Oberhaensli RD; Galloway GJ; Taylor DJ; et al: assessment of human liver metabolism by phosphorus-31 magnetic resonance spectroscopy, (Br J Radiol), 59: 695, 1986 Oberley TD See Wilkey D

Obermann WR See Kieft GI

Obermann WR See Kieft GJ
Obermuller H See Bauer WM
Obley DL; Slasky BS; Peel RL; et al: bone-forming
gastric metastases in muscle—computed
tomographic demonstration, (Radiology), 150:
866, 1984

obo, 1904 Obley DL; Winzelberg GG; Jarmolowski CR; Hydovitz JD; Danowski TS; Wholey MH: parathyroid adenomas studied by digital subtraction angiography, (Radiology), 153: 449,

O'Block AM See Laakman RW

O'Boyle JE See Force T
O'Boyle JE See Kemper AJ
Obrecht WF Jr; Richter JE; Olympio GA; et al:
tracheoesophageal fistula: serious complication
of infectious esophagitis, (Radiology), 156: 854,

Obrecht WF Jr; Wu WC; Gelfand DW; et al: extent of successful colonoscopy: a second assessment using modern equipment, (Radiology), 154: 271, 1985

using modern equipment, (Radiology), 154: 271, 1985
O'Brien JJ See Vento JA
O'Brien KM: congenital syndromes with congenital heart disease, (Semin Roentgenol), 20: 104, 1985
O'Brien MJ; Burakoff R; Robbins EA; et al: early gastric cancer. clinicopathologic study, (Radiology), 156: 855, 1985
O'Brien T See Plate G
O'Brien T See Taylor GA
O'Brien T; Salter RB: femoral head size in congenital dislocation of the hip, (Radiology), 157: 854, 1985
O'Brien TM; Murray TE; Malone LA; Dervan P; Walsh M; McManus F; Ennis JT: osteoid osteoma: excision with scintimetric guidance, (Radiology), 153: 543, 1984
O'Brien WD: determination of in situ exposure, (Ultrasound Med Biol), 12: 695, 1986

O'Brien WD Jr: biological effects in laboratory animals, (Clin Diagn Ultrasound), 16: 77, 1985 O'Brien WD Jr: safety of ultrasound with selective emphasis for obstetrics, (Semin US CT MR), 5: 105, 1984

O'Brien WD Jr; Januzik SJ; Dunn F: ultrasound

O'Brien WD Jr; Januzik SJ; Dunn F: ultrasound biologic effects: a suggestion of strain specificity. (Radiology). 150: 872, 1984 O'Brien WM; Choyke PL; Lynch JH; et al: invas of the inferior vena cava by testicular seminoma: demonstration by computed tomography and venography, (Urol Radiol), 8: 108, 1986

O'Brodovich H; Way C; Andrew M; et al:

O'Brodovich H; Way C; Andrew M; et al: noninvasive diagnosis of pulmonary hemorrhage in rheumatoid arthritis, (Radiology), 152: 553, 1984 O'Brodovich HM; Coates G: quantitative ventilation-perfusion lung scans in infants and children: utility of a submicronic radiolabeled aerosol to assess ventilation, (Radiology), 155:

O'Callaghan J See Garrett P

Ocana I; Martinez-Vazquez JM; Segura RM; et al: adenosine deaminase in pleural fluids: test for diagnosis of tuberculous pleural effusion, (Radiology), 150: 853, 1984 Occleshaw CJ See Cockshott WP

Ochi J; Okuno T; Uenoyama Y; et al: symmetrical low density areas in bilateral thalami in an infant with measles encephalitis, (Comput Radiol), 10: 137, 1986

Ochs C See Bursch JH Ochsner JL See Lawson JD O'Connell DM See El Yousef SJ

O'Connell DM See El Youset SJ
O'Connell MJ See Gunderson LL
O'Connell PR; Kelly KA; Brown ML: scintigraphic
assessment of neorectal motor function, (J Nucl
Med), 27: 460, 1986
O'Connell R See O'Connon MK

O'Connell TX See Vercoutere AL

O'Connell TX See Vercoutere AL
O'Connell TX See Vercoutere AL
O'Connon MK; O'Connell R; Keane FB; et al:
relationship between technetium 99m
pertechnetate gastric scanning and gastric
content, (Radiology), 152: 555, 1984
O'Connor CR; Rubinow A; Cohen AS: primary (AL)
amyloidosis as a cause of breast masses,
(Radiology), 156: 270, 1985
O'Connor G See Giles DJ
O'Connor H; Hamilton J, Ellic WB; et al.

O'Connor G See Giles Dj
O'Connor HJ; Hamilton I; Ellis WR; et al:
ultrasound detection of choledocholithiasis
prospective comparison with ERCP in the postcholecystectomy patient, (Gastrointest Radiol), 11: 161, 1986 O'Connor KW See Yune HY

O'Connor KW See Yune HY
O'Connor KW, Snodgrass PJ; Swonder JE; et al:
blinded prospective study comparing four
current noninvasive approaches in the
differential diagnosis of medical versus surgical
jaundice, (Radiology), 151: 259, 1984
O'Connor L See Derrig P
O'Connor MK; Brennan SS; Shanik DG: indium111 labeled platelet deposition following
transfemoral angiography, (Radiology), 158:
191, 1986

191, 1986

O'Connor PS See Shacklett DE Oda J See Inoue Y Odagiri K See Bowen A

Odita JC See Akamaguna AI
Odita JC See Akamaguna AI: mediastinal and
subcutaneous emphysema associated with
childhood measles, (Radiology), 155: 854, 1985

Odita JC; Akamaguna Al; Ogisi FO; et al: pneumatisation of the maxillary sinus in norma and symptomatic children, (Pediatr Radiol), 16: 365, 1986

O'Doherty DS See Hawley RJ O'Donnell JA See Detrano R O'Donnell JA See Geisinger MA

O'Donnell JK See Benjamin B O'Donnell JK See Feiglin DH

O'Donnell JK See Go RT O'Donnell TF See Farber SP

O'Donnell TF See Farber SP
O'Donnell TF Jr; Erdoes L; Mackey WC; et al:
correlation of B-mode ultrasound imaging and
arteriography with pathologic findings at
carotid endarterectomy, (Radiology), 156: 569,
1985

1983

(Tonnell TF Jr, Erdoes L; Mackey WC; et al:
correlation of B-mode ultrasound imaging and
arteriography with pathologic findings at
carotid endarterectomy, (Radiology), 157: 861,

1985

'O'Donoghue J; Wheldon TE: radiobiological equivalence condition for radiotherapy regimes incorporating protective shielding of vulnerable normal organs, (Br J Radiol), 59: 709, 1986

O'Donovan PB; Ross JS: magnetic resonance of the pulmonary parenchyma: initial experience at 0.6 tesla, (Cardiovasc Intervent Radiol), 8: 300, 1986

O'Donovan PB; Ross JS: Sivak ED; et al: magnetic resonance imaging of the thorax: advantages of

resonance imaging of the thorax: advantages of coronal and sagittal planes, (AJR), 143: 1183, 1984

Odurny A; Birch SJ; hepatic arterial embolisation in patients with metastatic carcinoid tumours, (Radiology), 159: 575, 1986 Oei HY See Mali WPTM Oertel JE See Friedman AC Oestreich AE See Bisset GS III

Oestreich AE See Crawford AH Oestreich AE See Han BK

Oestreich AE: atlas d'echographie mammaire et de mammographie (atlas of breast ultrasound and mammography). 2d ed., (Radiology), 161: 428,

Oestreich AE: atlas der ultraschalldiagnostik in geburtshilfe und gynakologie (atlas of obstetric and gynecologic ultrasound), (Radiology), 155: 468, 1985

468, 1985
Oestreich AE: bildgebende diagnostik akuter
intestinaler durchblutungsstorungen (imaging
diagnosis of acute intestinal vascular occlusion),
(Radiology), 160: 394, 1986
Oestreich AE: bildverarbeitung von computer-

tomogrammen zur unterstutzung der neuroradiologischen diagnostik (image processing of computed tomograms in support of neuroradiologic diagnosis), (Radiology), 152: 234, 1984

Oestreich AE: computertomographie in der traumatologie (CT of trauma), (Radiology), 155: 704.1985

704, 1985
Oestreich AE: diagnostic ultrasound in gastroenterology, (Radiology), 155: 782, 1985
Oestreich AE: die computertomographie der wirbelsaule (CT of the vertebral column), (Radiology), 156: 756, 1985
Oestreich AE: die transrektale transversale

sonographie der prostate (transrectal transverse ultrasound of the prostate), (Radiology), **155**: 476, 1985

476, 1985
Oestreich AE: Duden: das worterbuch
medizinischer fachausdrucke (the Duden
thesaurus-dictiionary of medical terminology).
4th ed. (Radiology), 159: 236, 1986
Oestreich AE: dynamische computer-tomographie
(dynamic computed tomography), (Radiology),
152: 234, 1984

Oestreich AE: echo-anatomie normal de l'etage superieur de l'abdomen. [normal ultrasound anatomy of the upper abdomen.], (Radiology), 152: 538, 1984

superieur de i abadomen, (normai utirasound anatomy of the upper abdomen.). (Radiology). 152: 538, 1984

Oestreich AE: echographie en pathologie tumorale de l'adulte (ultrasound of tumors in adults). (Radiology). 156: 242, 1985

Oestreich AE: echotomographie et pathologie thoracique (ultrasound of thoracic disease). (Radiology). 158: 20, 1986

Oestreich AE: galliumszintigraphie—diagnostik bei entzundlichen erkrankungen und tumoren (gallium scintigraphy in inflammatory disease and tumor diagnosis). (Radiology). 158: 34, 1986

Oestreich AE: galliumschaphy in inflammatory disease and tumor diagnosis). (Radiology). 158: 34, 1986

Oestreich AE: pelenk-erkrankungen: rontgenologische diagnose und differentialdiagnose (diseases of the joints: radiologic diagnosis and differential diagnosis), (Radiology), 157: 726, 1985

Oestreich AE: harnsystem und mannliche genitalorgane, nebennierien, retroperitonealraum—gynakologie und geburtshilfe—lymphsystem (urinary tract, male genitalia, adrenals, retroperitoneum; obstetrics and gynecology; lymphatic system), (Radiology), 158: 392, 1986

Oestreich AE: Herz-Grosse gefasse [heart and great vessels], vol. II of 7th ed. of Schinz: radiologische diagnostik in klinik und praxis [diagnostic radiology in clinical practice.]. (Radiology), 152: 326, 1984

Oestreich AE: kerrspintomographie: ein≪acü3urrung («acü3ur «acü3arzte und medizinstudenten (magnetic resonance imaging: an introduction for physicians and

medizinstudenten (magnetic resonance imaging: an introduction for physicians and medical students), (Radiology), 159: 704, 1986 Oestreich AE: knochenkrankheiten: diagnostik

Oestreich AE: knochenkrankheiten: diagnostik makroskopischer, histologischer und radiologischer strukturveranderungen des skeletts (bone disease: macroscopic, histologic, and radiologic diagnostic skeletal abnormalities), (Radiology), 152: 240, 1984
Oestreich AE: knochentumoren des fusses—systematik, differentialdiagnosis und therapie (bone tumors of the foot—systematic discussion, differential diagnosis, and therapy), (Radiology), 156: 766, 1985
Oestreich AE: la radiologia del mediastino (radiology of the mediastinum), (Radiology), 155: 322, 1985
Oestreich AE: les cancers du colon, du rectum et de l'anus (cancer of the colon, rectum, and anus),

Oestreich AE: les cancers du colon, du rectum et de l'anus (cancer of the colon, rectum, and anus), (Radiology), 152: 182, 1984

Oestreich AE: l'imaging diagnostico del cuore (diagnostic imaging of the heart), 2 vols., (Radiology), 160: 250, 1986

Oestreich AE: meurokutane systemerkrankungen: eine synoptische darstellung aus radiologischer sicht (systemic neurocutaneous diseases: synopsis from a radiologic viewpoint), (Radiology), 156: 698, 1985

Oestreich AE: os et articulations (bones and joints), vol. 4 of cahiers de radiologic (notebooks of radiology), (Radiology), 159: 746, 1986

Oestreich AE: os et articulations-pathologie

Oestreich AE: os et articulations—pathologic regionale (bones and joints—regional pathology), vol. 12 of traite de radiodiagnostic, (Radiology), 152: 240, 1984

Oestreich AE: osteopathien [metabolic, endocrine and toxic bone disease], handbuch der medizinischen radiologie /encyclopedia of medical radiology, volume 5: part 5. (Radiology), 151: 294, 1984

Oestreich AE: padiatrische ultraschalldiagnostik (pediatric ultrasound diagnosis), (Radiology), 155: 750, 1985

155: 750, 1985

Oestreich AE: pediatric ultrasonography, (Radiology), 160: 506, 1986

Oestreich AE: radiologische diagnostik des gesichtsschadels (radiologic diagnosis of the facial bones), (Radiology), 156: 104, 1985

Oestreich AE: radiopediatrie, [pediatric radiology.] vol. 7 of ABC radiodiagnostic, (Radiology), 152: 400, 1984

400, 1984

Ostreich AE: rarefizierende osteopathien.
Rontgenologische strukturanalyse
(demineralizeed bone disease. Radiologic
structure analysis), (Radiology), 156: 732, 1985

structure analysis), (Radiology), 156: 732, 1985
Oestreich AE: renovaskulare
hypertonie—radiologische diagnostik und
therapie (renovascular
hypertension—radiologic diagnosis and
interventional treatment), (Radiology), 155: 332,
1985

1985
Oestreich AE: rontgenatlas rheumatischer krankheiten (radiologic atlas of rheumatic diseases), (Radiology), 156: 396, 1985
Oestreich AE: rontgenbefunde von normalen bewegungen in den kopfgelenken [radiology of normal motion of the craniocervical junction], vol. 101 of die wirbelsaule in forschung und

vol. 101 of die wirbelsaule in forschung und praxis [the vertebral column: progress and practice]. (Radiology), 153: 148, 1984

Oestreich AE: rontgenologische diagnostik der nebennieren [radiologic diagnosis of the adrenals. J. (Radiology), 152: 316, 1984

Oestreich AE: skoliosefruhbehandlung durch elektrostimulation (early treatment of scoliosis by electric stimulation of muscle). (Radiology), 160: 276, 1986

Oestreich AE: sonographie der sauglingshufte: ein

Oestreich AE: sonographie der sauglingshufte: ein kompendium (sonography of the hip in the infant: a compendium), (Radiology), 157: 678,

Oestreich AE: stylohyoid ligament in Hurler syndrome and related conditions: compariso with normal children, (Radiology), 154: 665,

Oestreich AE: systemerkrankungen, arthrogryposis und stoffwechselerkrankungen (systemic diseases, arthrogryposis, and metabolic diseases), Part I of Volume 3, Allgemeine Orthopadie, of Orthopadie in Praxis und Klinik, (Radiology), 155: 302, 1985

(Radiology), 155: 302, 1985
Oestreich AE: tomografia computerizzata della
colonna vertebrale, delle articolazioni e del'osso
(CT of vertebral column, joints, and bones),
(Radiology), 155: 726, 1985
Oestreich AE: tumoren der wirbelsaule (vertebral
column tumors), (Radiology), 156: 636, 1985
Oestreich AE: tumoren und tumorahnliche

Oestreich AE: tumoren und tumorahnliche erkrankungen (tumors and tumorlike conditions). pt. 2 of vol. 3. allgemeine orthopadie (general orthopedics) orthopadie in praxis und klinik (orthopedics in clinical practice). 2d ed. (Radiology), 159: 470, 1986
Oestreich AE: ultraschallgefuhrte biopsie (ultrasound-guided biopsy), (Radiology), 158: 764. 1986.

(ultrasou 764, 1986

764, 1986
Oestreich AE: ultraschall im kopf-hals-bereich
(ultrasound of the head and neck region),
(Radiology), 156: 160, 1985
Oestreich AE: Dunbar JS: pharyngonasal reflux:
spectrum and significance in early childhood,
(AJR), 142: 923, 1984

spectrum and significance in early childhood, (AJR), 142: 923, 1984
Oestreich AE; Oestreich TK: der korperbehinderte in mythologie und kunst. [the bodily handicapped in mythology and art.]. (Radiology), 152: 320, 1984
Oestreich AE; Rosario-Medina W: wie sagt's der arzt auf Deutsch, Franzosisch, Italienisch, Spanisch und Englisch?/comment le medicin le dieil...?/como lo dice el medico...?/tow does the doctor say it in German, French, Italian, Spanish and English?, (Radiology), 156: 776, 1985
Oestreich AE; Strife JL: atlante di arteriografia coronarica (atlas of coronary arteriography), (Radiology), 155: 604, 1985
Oestreich TK See Oestreich AE
Oettle GJ See Moosa MR
Ofole S See Lewall DB
Ogata K See Nakakuma K
Ogata K; Sugioka Y; Urano Y; et al: idiopathic osteonecrosis of the first metatarsal sesamoid, (Skeletal Radiol), 15: 141, 1986
Ogata M See Hukuda S
Ogawa H See Nakanishi T
Ogawa K See Nakalishi T
Ogawa K See Nakaliani H
Ogawa K See Wallace MJ

Ogden JA: radiology of postnatal skeletal development: X. patella and tibial tuberosity, (Radiology), 154: 558, 1985 Ogden JA: radiology of postnatal skeletal development: XI the first cervical vertebra, (Radiology), 154: 854, 1985 Ogden JA; Lee KE; Rudicel SA; et al: proximal

lemoral epiphysiolysis in the neonate, (Radiology), 154: 276, 1985 Ogden JA; Murphy MJ; Southwick WO; et al: radiology and postnatal skeletal development. XIII. C1-C2 interrelationships, (Skeletal Radiol), 15: 433, 1986

XIII. Cl.-C2 interrelationships, (Skeletal Radiol),
15: 433, 1986
Ogihara I; Kojima S; Jay M: differential uptake of
gallium-67-labeled liposomes between tumors
and inflammatory lesions in rats, (J Nucl Med),
27: 1300, 1986
Ogilvie R See Dotter CT
Ogisis FO See Odita JC
Oglesby JT See Wills JS
O'Gorman AM See Cramer BC
O'Gorman AM See Cramer BC
O'Gorman AM See Jequier S
O'Gorman AM See Jetlue RE
Ogren C See Lipchik EO
Ogundimu FA See Holness RO
Oguro K See Masuzawa T
Oh KS See Cavaluzzi JA
Oh KS See Gaisie G
Oh S See Kanamori H
Oh SJ See Vitek JJ
O'Halpin D; Legge D; MacErlean DP; therapeutic

Oh 5) See Kainmori H
Oh 5) See Vitek JJ
O'Halpin D; Legge D; MacErlean DP: therapeutic
arterial embolisation: report of five years'
experience, (Radiology), 153: 564, 1984
Ohara H See Shimizu K
Ohara K See Doi K
O'Hara KR See Winzelberg GG
Ohbora Y See Wakabayashi T
Ohe H See Ohnishi K
Ohe H See Pontes JE
Ohhashi K See Itai Y
Ohishi H See Uchida H
Ohishi H See Yoshimura H
Ohishi H; Uchida H; Yoshimura H; Ohue S; Ueda J;
Katsuragi M; Matsuo N; Hosogi Y:
hepatocellular carcinoma detected by iodized
oil: use of anticancer agents, (Radiology), 154:
25, 1985

oil: use of anticancer agents, (Radiology), 154: 25, 1985

Ohkuma H See Ebina K
Ohlsson A See Cumming WA
Ohlsson A See McCorkell SJ
Ohlsson A; Cumming WA; Najjar H: neonatal
aspiration syndrome due to vernix caseosa,
(Radiology), 156: 566, 1985
Ohman U See Hammarberg C
Ohnishi K See Takashi M
Ohnishi K See Yamoto Y
Ohnishi K; Nakayama T; Saito M; et al: aneurysm
of the intrahepatic branch of the portal vein,
(Radiology), 154: 271, 1985
Ohnishi K; Saito M; Koen H; Nakayama T;
Nomura F; Okuda K: pulsed Doppler flow as a
criterion of portal venous velocity: comparison
with cineangiographic measurements,
(Radiology), 154: 495, 1985
Ohnishi K; Saito M; Nakayama T; Iida S;
Nomura F; Koen H; Okuda K: portal venous
hemodynamics in chronic liver disease: effects
of posture change and exercise, (Radiology),
155: 757, 1985
Ohnishi K; Saito M; Terabayashi H; et al:

155: 757, 1985
Ohnishi K; Saito M; Terabayashi H; et al:
development of portal vein thrombosis
complicating idiopathic portal hypertension.
case report, (Radiology), 157: 565, 1985
Ohnishi K; Tsuchiya S; Nakayama T; Hiyama Y;
Iwama S; Goto N; Takashi M; Ohtsuki T;
Kono K; Nakajima Y; Okuda K: arterial
chemoembolization of hepatocellular carcinoma
with mitomycin C microcapsules, (Radiology),
152: 51, 1984

152: 51, 1984

Ohnishi K; Watanabe H; Ohe H; et al: ultrasound findings in urolithiasis in the lower ureter, (Ultrasound Med Biol), 12: 577, 1986

Ohnishi M See Nakao N

Ohnishi R See Kawakami Y

Ohnmacht SD See Jacob AS

Ohno T; Kadoya H; Park P; et al: case report 382, (Skeletal Radiol), 15: 478, 1986

Ohsawa T See Tanaka O

Ohta K See Onodera H

Ohta M See Yamaguchi T

Ohtake E; Matsui K: lymphoscintigraphy in patients with lymphedema: new approach using intradermal injections of technetium-99m human serum albumin, (Clin Nucl Med), 11: 474, 1986 474, 1986

474, 1986
Ohto M See Ebara M
Ohto M See Suzuki Y
Ohtom K See Stazuki Y
Ohtomo K, See Itai Y
Ohtomo K, Itai Y; Furui S; et al: MR imaging of portal vein thrombus in hepatocellular carcinoma, (JCAT), 9: 328, 1985
Ohtomo K, Itai Y; Furui S; Yashiro N;
Yoshikawa K; Iio M: hepatic tumors: differentiation by transverse relaxation time (T2) of magnetic resonance imaging, (Radiology), 155: 421, 1985

Ohtomo K; Itai Y; Makita K; et al: portosystemic collaterals on MR imaging, (JCAT), 10: 751, 1986 Ohtomo K; Yashiro N; Yoshikawa K; et al: MR imaging of mesenteric varices, (JCAT), 9: 1145, 1985

Ohtsuki T See Ohnishi K Ohue S See Ohishi H Oi H See Nakamura H

Oi H See Nakamura H
Oi H; Nakamura H; Nakabayashi T; et al: method
for ejecting cestodes: duodenal tube injection of
gastrografin, (AJR), 143: 111, 1984
Oikawa M See Onodera H
Ojemann RG See New PFJ
Okada J See Araki T
Okada RD See Osbakken MD
Okada RD See Osbakken MD
Okada RD See Stratemeier EJ

Okada RD See Wilson RA Okada Y See Kawamura J Okamoto E See Nakao N

Okamura H See Yumoto E

Okamoto 5; Handa H; Yamashita J; et al: computed tomography in intra- and suprasellar epithelial cysts (symptomatic Rathke cleft cysts), (AJNR), 6: 515, 1985

Okamura S See Shimizu K Okawa M See Tamada A Okayasu H See Tachibana H Okazaki M See Makuuchi M Okazaki M See Makuuchi M
Okazaki N See Takayasu K
Oke EJ See Adams GW
Oke EJ See Cho KJ
Oke EJ See Cho KJ
Oke EJ See Griffin DJ
Oke EJ See Sussman SK
O'Keefe P See Bartlett JG
Okerlund MD See Engelstad BL
Okerlund MD See Gooding GAW
Okonolucano F See Dandona P Okrent DH See Demos TC Oksanen V See Ketonen L Okuda K See Ebara M Okuda K See Kimura K Okuda K See Ohnishi K

Okuda K See Takashi M Okuda K See Yumoto Y Okuda K See Yumoto Y
Okunieff PG; Koutcher JA; Gerweck L; et al: tumor
size dependent changes in a murine
fibrosarcoma: use of in vivo <sup>31</sup>P NMR for noninvasive evaluation of tumor metabolic status,
(Int J Radiat Oncol Biol Phys), 12: 793, 1986

Okuno T See Ochi J Okuyama T See Horiuchi J

Okuyama f See Hortuchi J Olak J; Christou NV; Stein LA; et al: operative versus percutaneous drainage of intraabdo abscesses: comparison of morbidity and mortality, (Radiology), 160: 284, 1986 Oland J See Bistritzer T

Olanow W See Drayer BP O'Laoire S See Doczi T

Older RA; Van Moore A Jr; Glenn JF; et al: diagnosis of adrenal disorders, (Radiol Clin North Am), 22: 433, 1984

North Am), 22: 433, 1984
Oldfield EH See Di Chiro G
Oldfield EH See Di Chiro G
Oldfield EH See Doppman JL
Oldham KT; Guice KS; Kaufman RA; et al: blunt
hepatic injury and elevated hepatic enzymes:
clinical correlation in children, (Radiology), 156:
275, 1985

Oldham S See Castillo M Oldham SA; Jacobson F: radiologic-pathologic-clinical correlation in mechanisms of disease course, (Invest Radiol),

21: 365, 1986 Olds MV See Sherry RG O'Leary DH See Clouse ME

O'Leary DH: vascular ultrasonography, (Radiol Clin North Am), 23: 39, 1985 O'Leary DH; Clouse ME: percutaneous transluminal angioplasty of the cavernous carotid artery for recurrent ischemia, (AJNR), 5: 644, 1984 O'Leary JF See Arick MP

O'Leary PF See Abdelwahab IF O'Leary TJ See Miller DL Olen DW See Retrum RK

Oleson JR See Halac S
Olive PL; Chaplin DJ; oxygen and nitroreductase dependent binding of AF-2 in spheroids and murine tumors, (Int J Radiat Oncol Biol Phys), 12: 1247, 1986
Oliveira ESB See Uflacker R

Oliveira MEM See Uflacker R

Oliver E See Amendola BE
Oliver J; Benito F; Gallego FG; et al:
echocardiographic findings in ruptured chordae
tendineae of the tricuspid valve, (Radiology),
151: 273, 1984

151: 273, 1984
Oliver M See Hoffman P
Oliver RTD See Hope-Stone HF
Oliver TW Jr See Walker RM
Oliver TW Jr; Bernardino ME; Miller JI;
Mansour K; Greene D; Davis WA: isolated
adrenal masses in nonsmall-cell bronchogenic
carcinoma, (Radiology), 153: 217, 1984

Olivier A See Peters TM Olivier LR; Rossouw DS; De Villiers SJ; et al: ventricular septal defect due to blunt chest trauma, (Radiology), 150: 287, 1984 Olmsted WW See Ros PR

Olmsted WW See Kos PK
Olmsted WW: Barrett's
esophagus—pathophysiology, diagnosis, and
management. (Radiology), 158: 604, 1986
Olmsted WW: double contrast examination of the
colon: principles and practice. (Radiology), 160:
32, 1986

32, 1986

Olmsted WW: double contrast radiology of the esophagus, (Radiology), 159: 64, 1986

Olmsted WW: exocrine pancreas: biology, pathobiology, and diseases, (Radiology), 161: 446, 1986

Olmsted WW: gastro-esophageal reflux disease: pathogenesis, diagnosis, therapy, (Radiology), 157: 588, 1985

Olmsted WW: gastrointestinal radiology: performing and interpreting fluoroscopic examinations, (Radiology), 155: 590, 1985

examinations, (Radiology), 155: 590, 1985

Olmsted Wu: radiological examination of the colon, (Radiology), 151: 310, 1984

Olmsted Wu: radiologic atlas of the colon and rectum, (Radiology), 154: 18, 1985

Olmsted WW: self assessment in radiology and imaging 2: gastro-intestinal radiology, (Radiology), 160: 388, 1986

Olmsted WW; Ros PR; Sobin LH; Dachman AH: solitary agonic polymeraliologic bitsfolger.

Olmsted WW; Ros PR; Sobin LH; Dachman AH: solitary colonic polyp: radiologic-histologic differentiation and significance, (Radiology), 160: 9, 1986
Oloff L See Gilula LA
Oloff LM See Golomon MA
Oloff LM See Teng MMH
Olofsson J See Klintenberg C
O'Loughlin BJ See Brose A
O'Loughlin BJ See Brose A
O'Loughlin EV See Scott RB
O'Loughlin EV See Scott RB
O'Loughlin JE See Linday LA
Olsen DO See Richardson ML
Olsen DO See Richardson ML
Olsen J See Jacobsen GK
Olsen KD; DeSanto LW; Forbes GS: radiographic assessment of squamous cell carcinoma of the temporal bone, (Radiology), 152: 559, 1984
Olsen WL See Kuligowska E

temporal bone, (Kadiology), 152: 539, 1984
Olson W. Isee Kuligowska E
Olson DO See Porter BA
Olson DO, Shields AF; Scheurich CJ; et al:
magnetic resonance imaging of the bone
marrow in patients with leukemia, aplastic
anemia, and lymphoma, (Invest Radiol), 21: 540,

Olson E See Augustyn GT Olson E; Gilmor RL; Richmond B: cerebral venous angiomas, (Radiology), 151: 97, 1984 Olson E; Yune HY; Klatte EC: transrenal-vein reflux

ethanol sclerosis of gastroesophageal varice (AJR), 143: 627, 1984 Olson JE See Barrs DM

Olson Je See Barrs DM Olson LE, Wilson JF; Cox JD: cutaneous lymphoid hyperplasia: results of radiation therapy, (Radiology), 155: 507, 1985 Olson LK See Hilton SvW Olson LK See Slutsky RA

Olson LK See Slutsky RA
Olson LK; pneumonitis after amiodarone therapy:
reply, (Radiology), 154: 260, 1985
Olson LK; Forrest JV; Friedman PJ; Kiser PE;
Henschke CI: pneumonitis after amiodarone
therapy, (Radiology), 150: 327, 1984
Olson MA; Becker GJ; scimitar syndrome: CT
findings in partial anomalous pulmonary
venous return. (Radiology), 159: 25, 1986
Olsson AM See Samuelsson L
Olson CA: Rabayan R: White RAU; surgical

Olsson CA; Babayan R; White RdV: surgical management of stage B or C prostatic carcinoma: radical surgery vs. radiotherapy, (Radiology), 156: 864, 1985

Olsson H See Eklof O

Olutola PS See Banna M Olutola PS See Taucer F Olutola PS; Hutton L; Karlik S; et al: Renografin-60

Olutola PS; Hutton L; Karlik S; et al: Kenografin-6 for urography: effect on serum electrolytes and proteins in adults, (AJR), 147: 839, 1986 Olutola PS; Hutton L; Wall WJ: pleural effusion following liver transplantation, (Radiology), 157: 594, 1985

157: 594, 1985
Oluwole S See Fawwaz RA
Olympio GA See Obrecht WF Jr
O'Mahony J See Couch NP
Omar GM See Epstein BM
O'Mara RE: digital imaging: clinical advances in
nuclear medicine. (Radiology), 151: 482, 1984
O'Mara RE: financial independence: doctor's guide,
(Radiology), 161: 706, 1986
O'Mara RE: nuclear medicine in clinical oncology:
current status and further aspects, (Radiology),
161: 652, 1986
O'Mara RE: physician's guide to computers and

161: 652, 1986
O'Mara RE: physician's guide to computers and computing, (Radiology), 160: 104, 1986
O'Mara RE: radionuclide ventricular function studies, (Radiology), 151: 482, 1984
O'Mara RE: vascular radionuclide imaging: a clinical atlas, (Radiology), 154: 150, 1985
Omenaca F See Gilsanz V

Omenn GS: basic research as an investment in the future, (AJR), 145: 1109, 1985

Ominsky S See Wall SD Ominsky SH See Sickles EA

Omojola MF; Fox AJ; Vinuela FV; et al: stenosis of afferent vessels of intracranial arteriovenous malformations, (AJNR), 6: 791, 1985

O'Neill BP See Kimmel DW O'Neill P See Silver ARJ

Ong E See Hahn IJ Ong E See Jones MD Ongseng F See Jackson ML

Ongseng F See Jackson ML
Oni OOA; Keswani H: idiopathic or primary
windswept deformity: the etiological
significance of the radiological findings,
(Radiology), 154: 276, 1985
Onik G; Costello P; Cosman E; et al: CT body
stereotaxis: aid for CT-guided biopsies, (AJR),
146: 163, 1986

Onik G; Gilbert J; Hoddick WK; et al: sonographic monitoring of hepatic cryosurgery in an experimental animal model, (AJR), 144: 1043, 1985

Onik G; Goodman PC; Webb WR; Brasch RC: hydropneumothorax: detection on supine radiographs, (Radiology), 152: 31, 1984 Onik G; Helms CA; Ginsburg L; et al: percutaneous

lumbar diskectomy using a new spiration lumbar diskectomy using a new aspiration probe. (AJNR), 6: 290, 1985

Onik G; Helms CA; Ginsburg L; Hoaglund FT; Morris J; percutaneous lumbar diskectomy using a new aspiration probe; porcine and cadaver model. (Radiology), 155: 251, 1985

Onik G; Kane R; Steele G; et al: monitoring hepatic cryosurgery with sonography, (AJR), 147: 665, 1986

Ono J See Kato H Ono K See Doi K Ono K See Matsui H Ono K See Tsutsui K

Ono K See Tsutsui K
Ono K; Shrieve DC: enhancement of EMT6/SF
tumor cell killing by.mitomycin C and
cyclophosphamide following in vivo
administration of buthionine sulfoximine, (Int J
Radiat Oncol Biol Phys), 12: 1175, 1986

Radiat Oncol Biol Phys), 12: 1175, 1986
Ono T See Nishimura Y.
Onodera H; Ohta K; Oikawa M; et al: correlation of
the real-time ultrasonographic appearance of
hepatic-hemangiomas with angiography,
(Radiology), 152: 564, 1984
Onodera H; Oikawa M; Abe M; et al: serial changes

in sonographic appearance after transcatheter hepatic arterial embolization, (J Ultrasound Med), 4: 401, 1985

Onodera H; Oikawa M; Abe M; Goto Y: gallbladder necrosis after transcatheter hepatic arterial embolization: a technique to avoid this complication, (Radiology), 152: 209, 1984 Onouchi Z See Ishikawa I

Onoyama Y See Inoue Y Oosterhof A See Gray JE Oot R See Aaron JO

Oot R; New PFJ; Buonanno FS; et al: MR imaging of pituitary adenomas using a prototype resistive magnet: preliminary assessment, (AJNR), 5: 131, 1984

Oot R; New PFJ; Buonanno FS; et al: MR imaging of pituitary adenomas using a prototype resistive magnet: preliminary assessment, (Radiology), 154: 856, 1985

Oot RF See Meyer JE Oot RF See Rosenthal DI

Oot RF; New PFJ; Pile-Spellman J; et al: detection of intracranial calcifications by MR, (AJNR), 7: 801 1986

Oot RF; Parizel PM; Weber AL: computed tomography of osteogenic sarcoma of nasal cavity and paranasal sinuses, (JCAT), 10: 409,

Ootsuka K See Nakakuma K Op den Orth JO See de Roos A

Op den Orth JO: early gastric cancer: radiographic experience, (Radiology), 155: 255, 1985

Op den Orth JO: pancreati; pseudomass caused by the second portion of the duodenum: pitfall during water-aided sonography (technical note), (AJR), 147: 281, 1986

Op den Orth JO: prepancreatic fat deposition: possible pitfall in pancreatic sonography, (AJR), 146: 1017, 1986

Op den Orth JO: tubeless hypotonic duodenography with water: simple aid in sonography of the pancreatic head, (Radiology), 154: 826, 1985

Opel W See Bradley WG Jr

Ophir J See Zaltzman S
Oppedal BR; Drevvatne T: radiographic diagnosis of non-palpable breast lesions: correlation to pathology, (Radiology), 152: 252, 1984 Opulencia JF See Balthazar EJ

Opulencia J: See Baitnazar E.)
Or I; Roguin N; Yahalom M; et al: pacemaker implantation in a patient with a Behcet's disease associated with superior vena cava obstruction, (Cardiovasc Intervent Radiol), 9: 13, 1986

Ord VA See Cameron IL

Ord VA See Fullerton GD

Order SE See Kuhlman JE Order SE; Klein JL; Leichner PK; et al: 90 yttrium antiferritin—new therapeutic radiolabeled antibody, (Int J Radiat Oncol Biol Phys), 12: 277,

antibody, (Int J Radiat Oncol Biol Phys), 12: 277, 1986
Ordia JI See Beers GJ
Ordidge RJ; Van de Vyver FL: separate water and fat MR images, (Radiology), 157: 551, 1985
Orecchia PM; Hensley EK; McDonald PT; et al: localization of lower gastrointestinal hemorrhage, experience with red blood cells labeled in vitro with technetium Tc 99m, (Radiology), 157: 864, 1985
O'Regan S See Patriquin HB
O'Reilly A See Bass NM
O'Reilly GV See Wang A-M
O'Reilly GV: craniofacial and upper cervical arteries: collateral circulation and angiographic protocolos, (Radiology), 151: 404, 1984
O'Reilly GV; Kleefield J; Forrest MD; et al: calibrated-leak balloon: accurate placement of the leak, (A)NR), 6: 90, 1985
O'Reilly GV; Kleefield J; Forrest MD; et al: fabrication of microballoons for interventional neuroradiology: preliminary report, (A)NR), 5: 625, 1984
O'Reilly GV; Kleefield J; Svendsen PA; et al:

O'Reilly GV; Kleefield J; Svendsen PA; et al: improved injection chamber for flow-guided catheters, (AJNR), 5: 212, 1984

catheters, (A)nK), 5: 212, 1984
Orenstein M See Suster B
Orenstein SR; Magill HL; Whitington PF: ileal
dysgenesis presenting with anemia and growth
failure, (Radiology), 152: 851, 1984
Oreopoulos DG See Meema HE

Orkordan D See Herlinger H
O'Riordan D; Levine MS; Laufer I: acute alcoholic
esophagitis, (J Canad Assoc Radiol), 37: 54, 1986
O'Riordan D; McAllister H; Sheahan B);

O'Riordan D; McAllister H; Sheahan B];
MacErlean DP: hepatic infarction with absolute ethanol, (Radiology), 152: 627, 1984
Orlandi C; Blackshear JL; Hollenberg NK: serotonin-induced visualization of the popliteal lymph node by angiography: unique microvascular response to serotonin, (Invest Radiol), 21: 201, 1986

Radiol), 21: 201, 1986
Ormson MJ; Kispert DB; Sharbrough FW;
Houser OW; Earnest F1V; Scheithauer BW;
Laws ER Jr. cryptic structural lesions in
refractory partial epilepsy: MR imaging and CT
studies, (Radiology), 160: 215, 1986
Ormson MJ; Stephens DH; Carlson HC: CT
recognition of intestinal lipomatosis, (AJR), 144:
313, 1985

Orphanoudakis SC See Majumdar S Orr FW See Manishen WJ Orr FW See Manishen WJ
Orringer MB See Agha FP
Orringer MB See Glazer GM
Orringer MB See Goldfaden D
Orringer MB See Gross BH
Orringer MB See Quint LE

Orringer MB: transhiatal esophagectomy for benign disease, (Radiology), 160: 283, 1986 Orrison WW See Kinard RE

Orron D See Barek L

Orsini LF See Pilu G Orsini LF See Salardi S

Orsini LF, Salardi S, Pilu G; Bovicelli L; Cacciari E: pelvic organs in premenarcheal girls: real-time ultrasonography, (Radiology), 153: 113, 1984 Orsmond GS See Jaffe B Ort P See Firooznia H

Ortega J See Boechat MI Ortenburger AI See Wolfel DA Ortendahl DA See Brant-Zawadzki M Ortendahi DA See Feinberg DA
Ortendahi DA See Feinberg DA
Ortendahi DA; See Posin JP
Ortendahi DA; Hylton NM; Kaufman L; Watts JC;
Crooks LE; Mills CM; Stark DD: analytical
tools for magnetic resonance imaging.
(Radiology), 153: 479, 1984

Ortendahl DA; Posin JP; Hylton NM; et al: optimal visualization of the cerebrospinal fluid on MRI, (AJNR), 7: 403, 1986 Orth S See Dinkel E

Orth S See Dinkel E
Ortiz GT See Pais MJ
Orton CG; Mondalek PM; Spicka JT; et al: lung
corrections in photon beam treatment planning:
are we ready?, (Radiology), 157: 575, 1985
Orton CG; Wolf-Rosenblum S: dose dependence of
complication rates in cervix cancer
radiotherapy, (Int J Radiat Oncol Biol Phys), 12:
37, 1986

Orzel JA See Ramos-Gabatin A Orzel JA See Sullivan WT

Orzel JA See Yoo JHK
Orzel JA; Jaffers GJ: menstruation: hazard in radionuclide renal transplant evaluation, (Clin Nucl Med), 11: 409, 1986
Orzel JA; Monaco MP: inadvertent ligation to the

left pulmonary artery instead of patent ductus arteriosus: noninvasive diagnosis by pulmonar perfusion imaging, (Clin Nucl Med), 11: 629, 1986

Orzincolo C See Scutellari PN Osaki I. See Berry I
Osaki I. See Brant-Zawadzki M
Osaki I. See Brant-Zawadzki M
Osaki I. See Didler D
Osatavanichvong K See Nirapathpongporn S
Osbakken M See Evancho AM
Osbakken MD See Lacomis D
Osbakken MD See Sassani JW

Osbakken MD; Griffith J; Taczanowsky P: gross morphologic, histologic, hematologic, and blood chemistry study of adult and neonatal mice

chronically exposed to high magnetic fields, (Magn Res Med), 3: 502, 1986 Osbakken MD; Kreider JW; Taczanowsky P:

Osbakken MD; Kreider JW; I aczanowsky P; nuclear magnetic resonance imaging characterization of a rat mammary tumor, (Magn Res Med), 3: 1, 1986 Osbakken MD; Okada RD; Boucher CA; Winzelberg GG; Pohost GM; Strauss HW; normal adult gated blood pool scan: a qualitative analysis, (Radiographics), 4: 315, 1984

1984
Osborn AG See Armington WG
Osborn AG See Disbro MA
Osborn AG See Giles DJ
Osborn AG See Hardin CW
Osborn AG See Hardin CW
Osborn AG See Harnsberger HR
Osborn AG See Liu P
Osborn AG See Liu P
Osborn AG See Yetkin Z
Osborn AG; Harnsberger HR; Smoker WRK; base
of the skull imaging, (Semin US CT MR), 7: 91,
1986

Osborn RA; McGahan JP; Dublin AB: sonographic appearance of congenital malignant astrocytoma, (AJNR), 5: 814, 1984

Osborn RE; DeWitt JD: giant cauda equina schwannoma: CT appearance, (AJNR), 6: 835, 1985

1985 Osborne D See Yeates AE Osborne DR See Heinz ER Osborne DR See Kier R Osborne DR See Lourie GL

Osborne DR See Kier R
Osborne DR See Lourie GL
Osborne DR, Foulks GN: computed tomographic
analysis of deformity and dimensional changes
in the eyeball, (Radiology), 153: 669, 1984
Osborne DR; Jaszczak RJ; Greer K; et al: SPECT
quantification of technetium-99m microspheres
within the canine lung, (ICAT), 9: 73, 1985
Osborne DR; Vock P; Godwin JD; et al: CT
identification of bronchopulmonary segments:
50 normal subjects, (AJR), 142: 47, 1984
Osborne DRS See Merten DF
Osborne DRS See Rosenbloom SA
Osborne L See AbuRahma AF
Osenbach R See Bauman JM
Oser W See Hugel HE
Osguthorpe JD; Hungerford GD: benign
osteoblastoma of the maxillary sinus,
(Radiology), 151: 827, 1984
Osguthorpe JD; Hungerford GD: transarterial
carotid osclusion, case report and review of the
literature, (Radiology), 156: 568, 1985
Osguthorpe JD; Saunders RA; Adkins WY:
evaluation and access to posterior orbital
tumors, (Radiology), 151: 269, 1984
Oshima M; Ijima H; Kohda Y; Kuramoto K;
Kikuchi Y; Wada M; Akisada M: peripheral
arterial disease diagnosed with high-count-rate
radionuclide arteriography, (Radiology), 152:
161, 1984
Oshima S See Murata K

161, 1984

radionuclide arteriography, (Radiology), 152: 161, 1984
Oshima S See Murata K
Oshman D See Quinn SF
Oshman D See Quinn SF
Oshman D See Quinn SF
Oshman DS See Alford BA
Osmak RS See Geard CR
Ossanai R See Uflacker R
Ossenkopp K-P See Innis NK
Ossenkopp K-P; henis NK; Prato FS; et al:
behavioral effects of exposure to nuclear
magnetic resonance imaging: 1. open-field
behavior and passive avoidance learning in rats,
(Magn Res Imag), 4: 275, 1986
Ossoinig KC See Nasr AM
Osteaux M See van Dale P
Oster JT See Costello P
Oster ZH See Atkins HL
Oster ZH; Seivastava SC; Som P; et al: thrombus
radioimmunoscintigraphy: approach using

Oster ZH; Srivastava SC; Som P; et al: thrombus radioimmunoscintigraphy: approach using monoclonal antiplatelet antibody, (Radiology), 157: 863, 1985 Ostergard DR See Bhatia NN Osterman G See Lundstrom B Ostertag H See Freyschmidt J Ostfeld E; Segal J; Auslander L; et al: fourth pharyngeal pouch sinus, (Radiology), 161: 286, 1986

1986 Giles DJ
Ostler D See Giles DJ
Ostrow DN See Muller NL
Ostrow LB See Quinn DL
O'Sullivan B See Boyd NF
Otmoe Koe Furui S
O'Toole K See Furui S
O'Toole K See Gold RP
Otsuji H See Yoshimura H
Otsuka N; Fukunaga M; Sone T; et al: usefulness of bone imaging in diagnosis of sternocostoclavicular hyperostosis, (Clin Nucl Med), 11: 651, 1986

Med). 11: 651, 1986

Ott DJ See Chen YM

Ott DJ See Chen YM
Ott DJ See Gelfand DW
Ott DJ See Zagoria RJ
Ott DJ; Chen YM; Gelfand DW; et al: analysis of a
multiphasic radiographic examination for
detecting reflux esophagitis, (Gastrointest
Radiol), 11: 1, 1986
Ott DJ; Chen YM; Gelfand DW; et al: positive
predictive value and examiner variability in
diagnosing duodenal ulcer, (AJR), 145: 1207,
1985

Ott DJ; Chen YM; Gelfand DW; et al: radiographic efficacy in gastric ulcer: comparison of single-contrast and multiphasic examinations, (AJR), 147: 697, 1986

Ott DJ; Chen YM; Gelfand DW; et al: single-

Ott DJ; Chen YM; Gelfand DW; et al: singlecontrast vs double-contrast barium enema in the
detection of colonic polyps, (AJR), 146: 993, 1986
Ott DJ; Chen YM; Gelfand DW; Van Swearingen F;
Munitz HA: detailed per-oral small bowel
examination vs. enteroclysis. part I:
expenditures and radiation exposure: part II:
radiographic accuracy. (Radiology), 155: 29, 1985
Ott DJ; Chen YM; Wu WC; et al: radiographic and
endoscopic sensitivity in detecting lower
esophageal mucosal ring, (AJR), 147: 261, 1986
Ott DJ; Gelfand DW; Chen YM; Van Swearingen F;
Munitz HA: detailed per-oral small-bowel
examination versus enteroclysis: reply,
(Radiology), 157: 836, 1985
Ott DJ; Gelfand DW; Wu WC; et al: csophagogastric
region and its rings, (AJR), 142: 281, 1984
Ott DJ; Richter JE; Wu WC; et al: radiologic and
manometric correlation in "nutcracker
esophagus". (AJR), 147: 693, 1986
Ott RJ; Bateman JE; Batty V; et al: 3D positron

Ott RJ; Bateman JE; Batty V; et al: 3D positron emission tomography: preliminary results, (Br J Radiol), 59: 419, 1986

Ott RJ; Flower MA; Khan O; et al: comparison between 180° and 360° data reconstruction in single photon emission computed tomography of the liver and spleen, (Radiology), 152: 869,

Ott WJ: design and implementation of a computer-based ultrasound data system, (J Ultrasound Med), 5: 25, 1986

Ott WJ: use of ultrasonic fetal head circumference for predicting expected date of confinement, (Radiology), 156: 283, 1985

Ottery FD; Carlson RA; Gould H; et al: retrorectal cyst-hamartomas: CT diagnosis, (JCAT), 10: 260, 1986

Ottinger LW: evaluation of jaundiced patients—a surgeon's perspective, (Semin US CT MR), 5: 399, 1984

Otto A See Wasserman HJ Otto AC See van Aswegen A Otto R See Vade A

Otto R See Vade A

Otto R; Tan WS; Spigos DG: subclavian aneurysm
producing the subclavian steal syndrome,
(Cardiovasc Intervent Radiol), 9: 90, 1986

Otto RC: indications for real-time ultrasoundcontrolled fine-needle punctures under
permanent view, (Radiology), 151: 275, 1984

Otto RC: indications for ultrasound-controlled

Otto RC: indications for ultrasound-contre interventions under permanent view, (Radiology), 151: 275, 1984 Oudjhane K See Bowen A Oudkerk M See Guit GL Ouimette M See Baines CJ Ouimette M See Benson M Ouimette M See Jafri SZH Ous S See Lien HH Ous S See von Krogh J Ouyang A See Ebert EC

Ouyang A See Ebert EC
Ouyang P; Camara EJ; Jain A; et al: intracavitary
thrombi in the right heart associated with
multiple pulmonary emboli, (Radiology), 152:
562, 1984

Overbosch EEH See Bloem JL Overbosch EH See Blickman JG

Overby JI. See Kitahama A
Overby JI. See Kitahama A
Overgaard J: role of radiotherapy in recurrent and
metastatic malignant melanoma: clinical
radiobiological study, (Int J Radiat Oncol Biol
Phys), 12: 867, 1986

Phys), 12: 867, 1986
Overgaard J; Hansen HS; Jorgensen K; et al:
primary radiotherapy of larynx and pharynx
carcinoma—an analysis of some factors
influencing local control and survival, (Int J
Radiat Oncol Biol Phys), 12: 515, 1986
Overgaard J; Tweed WA: cerebral circulation after
head injury, part 4. functional anatomy and
boundary-zone flow deprivation in the first
week of traumatic coma, (Radiology), 153: 569,
1984

Overgaard M See Schultz HP Overton TR See Jelinek J Ovitt TW See Newell JD II

Ovitt TW; Newell JD II: digital subtraction angiography: technology, equipment, and techniques, (Radiol Clin North Am), 23: 177,

Ovtchinnikov V See Rabkin I
Owen CS See Renshaw PF
Owen DS See Sanders KM
Owen JP See Tapson IS
Owen RS; Fishman EK; Healy WL; et al: case report
345, (Skeletal Radiol), 15: 69, 1986
Oxenstierna G See Bergstrand G
Oyama Y; Uji T, Hirayama T; et al: gated cardiac
imaging using a continuously rotating CT
scanner: clinical evaluation of 91 patients, (AJR),
142: 865, 1984
Oven R See Casselman I

142: 865, 1984
Oyen R See Casselman J
Oyen R See Wilms G
Oyen RH See Marchal GJF
Oyer PE See Chiles C
Ozasa H See Togashi K
Ozan HS See Pedersen PC
Ozonoff MB See De Orchis D
Ozonoff MB: assessment of skeletal maturity and prediction of adult height (TW2 method). 2d ed., (Radiology), 157: 148, 1985
Ozonoff MB: emergency radiology of the acutely ill or injured child. 2d ed., (Radiology), 160: 496, 1986

1986

onoff MB: iatrogenic disorders of the fetus, infant, and child. vol. 1, (Radiology), 157: 78,

Ozturk AS See Hachihanefioglu U

## P

Paajanen H See Revel D Paajanen H; Satokari K; Uotila P; et al: prostaglandin levels in human renal venous blood during renal arteriography, (Eur J Radiol),

blood during renal arteriography, (Eur J Radiol), 6: 132, 1986

Pabico RC See Katzberg RW

Pablot SM; Daneman A; Stringer DA; et al: value of computed tomography in the early assessment of comminuted fractures of the calcaneus: review of three patien's, (Radiology), 157: 854,

1985

Pass HW See Denffer Hv

Pachner AR; Steere AC: triad of neurologic manifestations of Lyme disease: meningitis, cranial neuritis, and radiculoneuritis, (Radiology), 157: 855, 1985

Pacin I P See Cionin I.

Pack WKW See Hynes DM

Packer RJ See Zimmerman RA

Packer S See Coderre JA

Packer S See Shields JA

Packer S coular anatomy for nuclear medicine,

Packer 5: ocular anatomy for nuclear medicine, (Semin Nucl Med), 14: 3, 1984 Packer S: tumor detection with radiopharmaceuticals, (Semin Nucl Med), 14: 21,

Padayachee TS; Kirkham FJ; Lewis RR; et al:
transcranial measurement of blood velocities in
the basal cerebral arteries using pulsed Doppler
ultrasound: method of assessing the circle of
Willis, (Ultrasound Med Biol), 12: 5, 1986
Padhy AK; Gopinath PG; Basu AK; et al:
scintigraphic findings in a case of hydatid cyst
of the liver communicating with the biliary
system, (Clin Nucl Med), 11: 281, 1986
Padovani J; Grangier ML; Faure F; et al: idiopathic
ureteral varicose veins in children. report of
four cases, (Radiology), 155: 553, 1985
Padua EM See Feigin DS
Padual G See Zorgniotti AW

four cases, (Radiology), 155: 553, 1985

Padua EM See Feigin DS

Padua EM See Feigin DS

Padua G See Zorgniotti AW

Pae WE See Mamourian AC

Pagani IJ See Leryke RA

Pagani IJ See Sussman S

Pagani IJ: non-small cell lung carcinoma adrenal

metastases. computed tomography and

percutaneous needle biopsy in their diagnosis,

(Radiology), 153: 572, 1984

Pagani IJ: Hayman LA, Bigelow RH; et al:

prophylactic diazepam in prevention of contrast

media-associated seizures in glioma patients

undergoing cerebral computed tomography,

(Radiology), 156: 278, 1985

Pagano G See Zannini G

Page AC: critical evaluation of the radial

head-capitellum view in elbow trauma, (AJR),

146: 81. 1986

Page CP See Sibbitt RR

Page DL See Tarr RW

Paglen PG See Kelly WM

Pahira IJ See Margano FA

Pahira IJ See Mangano FA

Pahira IJ See Mangano FA

Pahira IJ: nephrolithiasis: current concepts in

medical management, (Radiology), 153: 846,

1984

Pahira IJ; Pollack HM: new self-developing film for

1984
Pahira JJ; Pollack HM: new self-developing film for intraoperative reial stone localization, (Radiology), 157: 564, 1985
Pahlman L See Glimelius B
Pahlman L; Glimelius B; Ginman C; et al: preoperative irradiation of primarily nonresectable adenocarcinoma of the rectum and rectosigmoid, (Radiology), 158: 575, 1986

Paige R See Hamlin DI

Paige R See Hamlin DJ
Paimela H; Tallgren LG; Stenman S; et al: multiple
duodenal polyps in uraemia: a little known
clinical entity. (Radiology), 153: 560, 1984
Painter MJ See Teodori JB
Pairolero PC; Arnold PG: chest wall tumors:
experience with 100 consecutive patients,
(Radiology), 159: 569, 1986
Pais MJ See Cyrlak D
Pais MJ See Kantrowitz LR
Pais MJ: Lightfoote JB; Burnett KR; Edwards KC;
Cremer M; Ortiz GT: trephine bone biopsy
system: a refined needle for radiologists,
(Radiology), 153: 253, 1984
Pais SO See Hoffman MG
Pais SO See Hoffman MG
Pais SO See Mirvis SE
Pais SO See Mirvis SE
Pais SO See Mirvis SE
Pais SO See Templeton PA
Paisey R; Jeans WD; Hartog M: is soft tissue
radiology useful in acromegaly?, (Radiology),
154: 850, 1985
Paivansalo M See Makarainen H

154: 850′, 1985
Paivansalo M See Pamilo M
Paivansalo M; Suramo I: ultrasonography of the pancreatic tail through spleen and through fluid-filled stomach, (Eur J Radiol), 6: 113, 1986
Paivansalo Mj; Siniluoto TMj: direct visualization of laminar blood flow in abdominal aorta using real-time ultrasound, (JCU), 14: 135, 1986

Pajak TF See Kramer S Pakanan P See Nirapathpongporn S Pakter RL See Martino CR Palagallo GL See Bishop AF Palant A See Grenadier E Palavatana C See Juttijudata P Palavew M See Bach DB

Palazzo WL: bone imaging showing incidental radionuclide exudate, (Clin Nucl Med), 11: 203,

1986
Palde J See Tempkin A
Palescandolo P See Tamburrini O
Palestro CJ See Lisann NM
Palestro CJ See Rosen JM
Palestro CJ; See Rosen JM
Palestro CJ; Malat J; Collica CJ; et al: incidental
diagnosis of pregnancy on bone and gallium
scintigraphy, (J Nucl Med), 27: 370, 1986
Palestro CJ; Malat J; Gladstone AG; et al: gallium
scintigraphy in a case of septic cavernous sinus
thrombosis, (Clin Nucl Med), 11: 636, 1986
Paley D See Fornasier VI.

Paley D See Fornasier VI.
Paling MR: "disappearing" osteochondroma,
(Radiology), 153: 269, 1984
Paling MR: necrotic tumor simulating

Paling MR: necrotic tumor simulating intrabdominal abscess: a case report, (Radiology), 152: 561, 1984
Paling MR; Black WC: quantitation of the prominent medullary pyramid: reappraisal, (J Canad Assoc Radiol), 37: 90, 1986
Paling MR; Gouse JC: Gricacy of abdominal computed tomography in evaluation of possible abdominal abscess, (CT), 10: 111, 1986
Paling MR; Griffin GK: lower lobe collapse due to pleural effusion: CT analysis, (JCAT), 9: 1079, 1985

Palkes H See Noetzel MJ

Pallack M See Ehman RL
Palma L; Guidetti B: cystic pilocytic astrocytomas of
the cerebral hemispheres: surgical experience
with 51 cases and long-term results, (Radiology), 159: 573, 1986

199: 3/3, 1986
Palmas F, Andriulli A; Canepa G; et al: monthly
fluctuations of active duodenal ulcers,
(Radiology), 156: 264, 1985
Palmaz JC See St. John JN
Palmaz JC See Sibbitt RR
Palmaz JC; Sibbitt RR; Reuter SR; et al: expandable

intrahepatic portacaval shunt stents: early experience in the dog, (AJR), 145: 821, 1985 Palmaz JC; Sibbitt RR; Reuter SR; Tio FO; Rice WJ:

expandable intraluminal graft: preliminary study. work in progress, (Radiology), **156**: 73, 1985

1985
Palmaz JC; Walter JF; Cho KJ: therapeutic embolization of the small-bowel arteries, (Radiology), 152: 377, 1984
Palmaz JC; Windeler SA; Garcia F; Tio FO; Sibbitt RR; Reuter SR: atherosclerotic rabbit aortas: expandable intraluminal grafting, (Radiology), 160: 723, 1986
Palmen K See Hansson G
Palmer AK See Mino DE
Palmer DR See Collier BD

Palmer DW See Collier BD Palmer DW See Loo FD Palmer EL III See Lindfors KK Palmer MR See Chan B

Palmer PES; Stadalnick R; Arnon S: genetic factor in cervical spondylosis, (Radiology), 154: 557, 1985

Palmer TE See Cramer M Palmieri GMA See Sebes JI

raimieri GMA See Sebes JI
Pals M See Swartz HM
Palva T; Lehto V-P; Johnsson L-G; et al: large
cholesterol granuloma cysts in the mastoid:
clinical and histopathologic findings,
(Radiology), 161: 862, 1986

Pamilo M; Kulatunga A; Martikainen J: renal parenchymal malakoplakia. a report of two cases. the radiological and ultrasound images, (Radiology), 155: 272, 1985

(Kadiology), 155: 272, 1985

Pamilo M; Suramo I; Lahde S: comparison of ultrasound and CT images of liver metastases, (Radiology), 152: 262, 1984

Pamilo M; Suramo I; Paivansalo M: characteristics of hypernephromas as seen with ultrasound and computed tomography, (Radiology), 151: 560, 1984

Pan EY; Chen LY; Yang JZ; et al: radiographic diagnosis of meconium peritonitis. a report of 200 cases including six fetal cases, (Radiology), 150: 859, 1984 Panders AK See Blankestijn J

Pandher D; Sauerbrei EE: neonatal ileocolic

Pandher D; Sauerbrei EE: neonatal ileocolic intussusception with enterogenous cyst: ultrasonic diagnosis, (Radiology), 152: 850, 1984
Pandian NG; Koyanagi S; Skorton DJ; et al: relations between 2-dimensional echocardiographic wall thickening abnormalities, myocardial infarct size and coronary risk area in normal and hypertrophied myocardium in dogs, (Radiology), 152: 863, 1984
Pandian NG; Skorton DJ; Collins SM; et al: heterogeneity of left ventricular segmental wall thickening and excursion in 2-dimensional echocardiograms of normal human subjects, (Radiology), 151: 557, 1984
Pandolfo J; Blandino A; Gaeta M; et al: calcified peritoneal metastases from papillary cystadenocarcinoma of the ovary: CT features, (JCAT), 10: 545, 1986
Pandolfo J; Blandino A; Gaeta M; et al: CT findings

Pandolfo I; Blandino A; Gaeta M; et al: CT findings in palpable lesions of the anterior abdominal wall, (JCAT), 10: 629, 1986

Pandolfo I; Gaeta M; Blandino A; et al: costal chondrosarcoma with pleural seeding: CT findings, (JCAT), 9: 408, 1985

Indolfo I; Scribano E; Gaeta M; et al: cystic lymphangioma of the pancreas: CT demonstration, (JCAT), 9: 209, 1985

Pang D See Wilberger JE Jr Panicek DM See Chew FS

Panicek DM: Paquet DJ; Clark KG; Urrutia EJ; Brinsko RE: hepatic parenchymal gas after blunt trauma, (Radiology), 159: 343, 1986 Panicucci R; McClelland RA; Rauth AM: stable

reduction product of misonidazole, (Int J Radiat Oncol Biol Phys), 12: 1227, 1986 Panidis I See Liu HY

Pannizzo F See Erlebacher JA

ranto PN See Davies P
Panto PN; Davies P. delayed reactions to urographic contrast media, (Br J Radiol), 59: 41, 1986
Pantoja E. l'ultrasonoraphie en pathologie digestive (ultrasound of digestive pathology). 3d ed., (Radiology), 161: 152, 1986
Pantoja E; Kattan KR; Thomas HA: some uncommon lower mediastinal densities: a pictorial essay, (Radiol Clin North Am), 22: 633, 1984

Pantoja E, Nagy F, Zambernard J: clinical radiographs of the cadaver as a teaching aid in anatomy, (Radiology), 155: 28, 1985 Paoletti P See Cecchini A Paolini RM See Uflacker R Paolucci V See Stark EE

Paolucci V See Stark EE
Papale JH See Brunquell PJ
Papanicolaou N See Blickman JG
Papanicolaou N See Mueller PR
Papanicolaou N See Neff CC
Papanicolaou N: osteoid osteoma: operative
confirmation of complete removal by bone
scintigraphy, (Radiology, 154: 821, 1985
Papanicolaou N; Mueller PR; Ferrucci JT Jr; et al:
abscess-fistula association; radiologia

abscess-fistula association: radiologic recognition and percutaneous management, (AJR), 143: 811, 1984

(AJR), 143: 811, 1984

Papanicolaou N; Pfister RC; Yoder IC: spontaneous and traumatic rupture of renal cysts: diagnosis and outcome, (Radiology), 160: 99, 1986

Papanicolaou N; Pfister RC; Young HH; et al: percutaneous ultrasonic lithotripsy of symptomatic renal calculi in children, (Pediatr Radiol), 16: 13, 1986

Papanicolaou N; Tewas S; h.

Papanicolaou N; Treves S: bone scintigraphy in the preoperative evaluation of osteoid osteoma and osteoblastoma of the spine, (Radiology), 153: 562, 1984

304, 1764

Papanicolaou N; Wilkinson RH; Emans JB; et al:
bone scintigraphy and radiography in young
athletes with low back pain, (AJR), 145: 1039,
1985

Papanicolaou N; Wittenberg J; Ferrucci JT Jr; et al: preoperative evaluation of abdominal aortic aneurysms by computed tomography, (AJR), 146: 711, 1986

Papavasiliou C; Gouliamos A; Andreou J: marrow heterotopia in thalassemia, (Eur J Radiol), 6: 92,

Papazian A; Capron J-P; Ducroix J-P; et al: mucosal bridges of the upper esophagus after radiotherapy for Hodgkin's disease, (Radiology), 150: 871, 1984

Pape KE See Nwaesei CG
Papile L-A; Munsick-Bruno G; Schaefer A:
relationship of cerebral intraventricular
hemorrhage and early childhood neurologic
handicaps, (Radiology), 152: 253, 1984

Papillon J: Gordon Richards Memorial Lecture 1983: radiotherapy and proctology, (Radiology), 155: 560, 1985

Papillon J: responsibility of radiologists in the preservation of breast and rectum in cancer treatment, (Clin Radiol), 37: 303, 1986

Papin PJ See Gomes AS Papke RA See Haughton VM Papo J See Halpern Z

Papo J See Solomon A Pappas AM See Balthazar DA

Pappas AM: congenital posteromedial bowing of the tibia and the fibula, (Radiology), 155: 552, 1985
Pappu LD; Purohit DM; Bradford BF; et al: primary renal candidiasis in two preterm neonates. report of cases and review of literature on renal candidiasis in infancy. (Radiology), 156: 859, 1985

Paquet DJ See Panicek DM

Paquet DJ See Panicek DM
Paquet EJ Courassa MG: Lesperance J; et al:
usefulness of digital subtraction left
ventriculography in patients with ischemic
heart disease: comparison with
cineangiography, (Radiology), 157: 279, 1985
Paquet M: echocardiographie bidimensionelle du
nouveau-n<ac05e au grand enfant (twodimensional echocardiography—newborn
through later childhood), (Radiology), 158: 808,
1986

Paquin F See Hurtubise M

Paradinas FJ See Mourand K
Parameswaran R; Goldberg H: echocardiographic
quantitation of pericardial effusion, (Radiology),
151: 274, 1984

Paramothy M; Peng LH; Samuel D: diagnostic value of radionuclide technetium 99m-MDP skeletal survey in acute leukaemia, (Radiology), 154: 563, 1985

Pardes JG See Auh YH

Pardes JG: See Aun YH
Pardes JG: Auh YH; Kazam E: sonographic findings
in myoglobinuric renal failure and their clinical
implications, (Radiology), 152: 867, 1984
Pardes JG; Auh YH; Kneeland JB; et al: oblique

Pardes JG; Aun YH; kneeland JB; et al: oblique coronal view in sonography of the retroperitoneum, (AJR), 144: 1241, 1985

Pardes JG; Bryan PJ; Gauderer MWL: spontaneous regression of infantile hemangioendotheliomatosis of the liver: demonstration by ultrasound, (Radiology), 150: 860, 1984

Pardes JG; Schneider M; Koizumi J; et al: percutaneous needle biopsy of deep pelvic masses: posterior approach, (Cardiovasc Intervent Radiol), 9: 65, 1986

Pardo J See Madrid G Pare JAP See Schraufnagel DE Parer JT See Stark DD

Parham DM; Pratt CB; Parvey LS; et al: childhood multifocal osteosarcoma: clinicopathologic and radiologic correlates, (Radiology), 157: 853, 1985 Pariente D See Sebag A

Pariente DM See Garel LA Parienty I See Parienty RA

Parienty RA; Pradel J; Parienty I: cystic renal cancers: CT characteristics, (Radiology), 157: 741, 1985

Paris F See Moreno-Osset E Paris SO See Stambuk EC

Parisi L; Tramonti M; Derchi LE; et al: Polycystic ovarian disease: ultrasonic evaluation and correlations with clinical and hormonal data, (Radiology), 152: 866, 1984 Parisier SC See Eden AA

Parizel PM See Oot RF Park CH See Greenberg SB Park CH See Intenzo CM Park CH See Mansfield CM

Park CH; Intenzo C; Cohn HE: dual tracer imaging for localization of parathyroid lesions, (Clin Nucl Med), 11: 237, 1986

Nucl Med), 11: 237, 1986
Park CH; Suh JH; Yoo HS; et al: evaluation of intrahepatic 1-131 Ethiodol on a patient with hepatocellular carcinoma: therapeutic feasibility study, (Clin Nucl Med), 11: 514, 1986

Park HC; Wajsman LZ; Jennings EC; et al: percutaneous nephrostomy using 22-gauge needle technique, (Radiology), 153: 848, 1984

Park H-M see Schuwecker DS

Park H-M; duCret RP; Brindley DC: pulmonary
imaging in fat embolism syndrome, (Clin Nucl
Med), 11: 521, 1986

Park H-M; Rothschild PA; Kernek CB:

scintigraphic evaluation of extremity pain in children: its efficacy and pitfalls, (AJR), 145: 1079, 1985

Park H-M; Tarver RD; Schauwecker DS; et al: spurious thyroid cancer metastasis: saliva contamination artifact in high dose iodine-13: metaetases survey. (J Nucl Med), 27: 634, 1986

Park HW: Cho ZH: high-resolution human in vivo spectroscopic imaging using echo-time encoding technique, (Magn Res Med), 3: 448, 1986

Park HW; Cho MH; Cho ZH: real-value Park HW; Cho MH; Cho ZH: real-value representation in inversion-recovery NMR imaging by use of a phase-correction method, (Magn Res Med), 3: 15, 1986

Park JH; Han MC; Bettmann MA: arterial

Park JH; Han MC; Bettmann MA: arterial

anifestations of Behcet disease, (AJR), 143: 821,

Park JH; Jeon SC; Kang HS; et al: transcatheter renal arterial embolization with the mixture of ethanol and iodized oil (Lipiodol®), (Invest Radiol), 21: 577, 1986

Park JH; Lee JB; Han MC; et al: sonographic evaluation of inferior vena caval obstruction: correlative study with vena cavography, (AJR), 145: 757, 1985

Park P See Ohno T Park SK See Hadlock FP

Park SK See Hadlock FF
Park TS; Cail WS; Maggio WM; et al: progressive spasticity and scollosis in children with myelomeningocele. radiological investigation and surgical treatment, (Radiology), 158: 285,

Park WC Jr See Choplin RH Park WM See Cockshott WP Park WM See Harding JR Park WM See Schutte HE Park YS See Gilbert LA Parker AC See Taylor RE

Parker BX See Sartoris DJ
Parker BX See Sartoris DJ
Parker DI. See Pope DL
Parker JA; Markis JE; Royal HD: assessment of
regional wall motion and perfusion by
multigated myocardial perfusion scintigraphy
after intracoronary Tl-201, (Radiology), 154: 783,

Parker KJ; Lerner RM; Waag RC: attenuation of ultrasound: magnitude and frequency dependence for tissue characterization, (Radiology), 153: 785, 1984 Parker LA See Vincent LM

Parker LA; Mittelstaed tCA; Mauro MA; et al: torsion of a wandering spleen: CT appearance, (JCAT), 8: 1201, 1984

Parker LA; Vincent LM; Mauro MA; et al: extramedullary hematopoiesis: demonstration by transmission and emission computed tomography. (Clin Nucl Med). 11: 1, 1986 Parker LA; Vincent LM; Ryan FP; et al: primary

lymphoma of the ascending colon: sonographic demonstration, (ICU), 14: 221, 1986 Parker LS See Marcus CS Parker MG See Little CM

Parker MJ; Tarlow MJ; Anderson JM: glue sniffing and cerebral infarction, (Radiology), 154: 852,

1985
Parker RE See Podgorski GT
Parker RG See Gordon PS
Parker RG See Ungerleider JT
Parker RF See Dobbs HJ
Parker RF See Hawkes DJ
Parker TS See Rosenberg RD
Parker TH See Stanley JH
Parker TW See Kelsey CA
Parker TW; Mettler FA Jr; Christie JH;
Williams AG: radiousclide thyroid

Williams AG: radionuclide thyroid studies: a survey of practice in the United States in 1981, (Radiology), 150: 547, 1984

Parker VS; Malhotra CM; Ho G Jr; Kaplan SR: Parker V5; Malhotra CM; Ho G Jr; Kaplan 3: radiographic appearance of the sternom joint in arthritis and related conditions, (Radiology), 153: 343, 1984 Parkey R See Weinreb JC Parkin A; Robinson PJ; Wiggins PA; et al: anubrial

measurement of limb blood flow using technetium-labelled red blood cells, (Br J Radiol), 59: 493, 1986 in TW See Not.

Parkin TW See Nishimura RA Parks SN See Smith GF Parmentier C See Rougier P Parmentier C See Rougier P
Parmentier F See Mathur-De Vre R
Parmer E See Chodak GW
Parnell B See Qureshi SA
Parnes IH See Mitty HA

Parodi O; Schelbert HR; Schwaiger M; et al: cardiac Parodi O; Scheibert HK; Schwaiger M; emission computed tomography: underestimation of regional tracer concentrations due to wall motion abnormalities, (JCAT), 8: 1083, 1984 Parola JL See Pernes JM Parrish DE See Foster WL Jr

Parsonnet V See Steiner RM Parsons D See Boone D Partain CL See Kulkarni MV Partain CL See Mitchell MR

Partain CL See Runge VM
Partain CL; Kulkarni MV; Price RR; et al: magnetic
resonance imaging of the breast: functional T<sub>1</sub>
and three-dimensional imaging, (Cardiovasc
Intervent Radiol), 8: 292, 1986
Partain CL; Price RR; Patton JA; et al: nuclear

magnetic resonance imaging, (Radiographics), 4: 5, 1984

Partridge J See Singcharoen T

Partridge J: postural disimpaction of oesophageal obstruction, (Radiology), 158: 281, 1986

Parulekar SG: sonography of colonic diverticulitis, (J Ultrasound Med), 4: 659, 1985

Parulekar SG: ultrasonic detection of calcification in gallstones: "the reverberation shadow", (Radiology), 153: 572, 1984

Parulekar SG: ultrasonographic demonstration of floating particles in amniotic fluid, (Radiology), 150: 616, 1984 Parulekar SG: ultras

alekar SG: ultrasonographic findings in disea of the appendix, (Radiology), **150:** 298, 1984

Parulekar SG; Katzman RA: primary malignant lymphoma of the thyroid: sonographic appearance, (JCU), 14: 60, 1986

Parulekar SG; Kiwi R: ultrasound evaluation of sutures following cervical cerclage for incompetent cervix uteri, (Radiology), 150: 299,

Parulekar SG; McNamara MP Jr: ultrasonography of choledocholithiasis, (Radiology), 152: 864, 1984

Parvey LS See Parham DM

Parvinen LM; Jereb B; Nisce L: primary non-Hodgkin's lymphoma ('reticulum cell sarcom of bone in adults, (Radiology), 154: 286, 1985

Parvinen LM; Kilkku P; Makinen E; et al: factors affecting the pulmonary toxicity of bleomycin, (Radiology), 154: 269, 1985

Paskins-Hurlburt AJ; McCracken S; Hollenberg NK: autonomy extends to the arterial supply of rapidly growing tumors: studies on the feeder vessel to carcinoma in rat testis, (Invest Radiol), 21: 455, 1986 Pass HI See Gobien RP

Pass HI; Potter D; Shelhammer J; et al: indications for and diagnostic efficacy of open-lung biopsy in the patient with acquired immunodeficiency syndrome (AIDS), (Radiology), 160: 571, 1986

Passamonte PM, Seger RM, Holmes RA, et al: technetium-99m glucoheptonate imaging in lung cancer and benign lung diseases: conci-communication, (Radiology), 153: 281, 1984

Passariello R See Rossi P

Passariello R; Trecco F; De Paulis F; et al: computed tomography of the knee joint: clinical results, (Radiology), 152: 862, 1984

Passariello R; Trecco F; De Paulis F; et al: computed tomography of the knee joint: technique of study and normal anatomy, (Radiology), 152: 862 1984

Passariello R; Trecco F; De Paulis F; et al: CT demonstration of capsuloligamentous lesions of the knee joint, (JCAT), 10: 450, 1986

Passariello R; Trecco F; de Paulis F; Masciocchi C; Bonanni G; Zobel BB: meniscal lesions of the knee joint: CT diagnosis, (Radiology), 157: 29, 1985

Passas V; Karavias D; Grilias D; et al: computed tomography of left paraduodenal hernia, (JCAT), 10: 542, 1986

Passega E See Kauzlaric D Passerini A See Savoiardo M Passi RB See Harker L

Pastad J; Fransson A; Lindgren PG; et al: ultrasonic appearance of adenomatous and hyperplastic parathyroid glands, (Radiology), 157: 862, 1985 Pastakia B See Fink IJ

Pastakia B See Simmons JT

Pastakia B; Fink IJ; Morrish K: nutrient foramina in the phalanges of the hands, (Radiology), 157:

Pastakia B; Horvath K; Kurtz D; et al: giant rectus sheath hematomas of the pelvis complicating anticoagulant therapy: CT findings, (JCAT), 8: 1120, 1984

Pastakia B; Miller I; Wolfman M; et al: MR imaging of a large adrenal cyst, (ICAT), 10: 710, 1986 Pastakia B; Polinsky R; Di Chiro G; Simmons JT; Brown R; Wener L: multiple system atrophy (Shy-Drager syndrome): MR imaging, (Radiology), 159: 499, 1986

Pasternak JF See Eller TW Pasto M See Graziani LJ Pasto ME See Rifkin MD

Pasto ME; Kurtz AB: prenatal examination of the fetal cranium, spine, and central nervous system, (Semin US CT MR), 5: 170, 1984

Pasto ME; Kurtz AB; Rifkin MD; et al: ultrasonographic findings in placenta increta, (Radiology), 151: 560, 1984

Pasto ME; Rifkin MD: intraoperative ultrasound examination of the brain: possible pitfalls in diagnosis and biopsy guidance, (Radiology), 154: 563, 1985

Pasto ME, Rifkin MD; Rubenstein JB; et al: real-time ultrasonography of the spinal cord: intraoperative and postoperative imaging, (Radiology), 155: 279, 1985

Patchall LL See Yeakley IW

Pate BD See Bergstrom M Pate D See Kursunoglu S Pate D See Sartoris DJ

Pate D; Resnick D; Andre M; et al: perspective: three-dimensional imaging of the musculoskeletal system, (AJR), 147: 545, 1986

three-dimensional imaging of the musculoskeletal system, (AJR), 147: 545, 1986
Patel A See Simjee AC
Patel AS See Torvaldsen S
Patel BR See Davidsen S
Patel BR See Lin DS
Patel DS See Caplan L
Patel DV See Kenney PJ
Patel DV; Hier DB; Thomas CM; Hemmati M:
intracerebral hemorrhage secondary to cerebral
amyloid angiopathy, (Radiology), 151: 397, 1984
Patel J; Kieffer RW; Martin M; et al: giant
fibrovascular polyp of the esophagus,
(Radiology), 156: 854, 1985
Patel M; Waxman P; Rozenblit A; et al: unusual
angiographic appearance of aorto-iliac disease
presenting as the Leriche syndrome,
(Radiology), 156: 269, 1985
Patel M; Ksee Mantravadi RVP
Patel PR See Al-Kutoubi MA

Patel PR See Al-Kutoubi MA Patel R; Mishkin FS: technetium-99m

Patel R; Mishkin FS: technetium-99m pyrophosphate imaging in acute renal failure associated with nontraumatic rhabdomyolysis, (AJR), 147: 815, 1986 Patel RB See Gibson JY Patel S See Rauschkolb EN Patel SC See Jankovic J Patel SK See Kossol JM Patel SK See Mulopulos GP Patel V See Finatein BM Patel V See Epstein BM Paterson A See Savitch I

Paterson JJ: two cases of combined intrauterine and extrauterine pregnancy, (Radiology), 154: 569, 1985

Paterson RH Jr See Bhimani S Pathria MN See Stevenson GW Patil U See Kenney PJ Patni N See Mathur SP

ratin in See Mainur SP
Patrick JI. See Haacke EM
Patriquin H See Grignon A
Patriquin H; Lafortune M; Filiatrault D: urinary
milk of calcium in children and adults: use of
gravity-dependent sonography, (AJR), 144: 407,
1985

Patriquin H; Robitaille P: renal calcium deposition in children: sonographic demonstration of the Anderson-Carr progression, (AJR), 146: 1253,

1986
Patriquin HB; Camerlain M: late sequelae of juvenile arthritis of the hip: a follow-up study into adulthood, (Radiology), 153: 562, 1984
Patriquin HB; O'Regan S: medullary sponge kidney in childhood, (AJR), 145: 315, 1985
Patriquin HB; Tessier G; Grignon A; et al: lesser omental thickness in normal children: baseline for detection of portal hypertension, (AJR), 145: 693 1985 693, 1985

693, 1985
Patronas NJ See Di Chiro G
Patronas NJ See Ito M
Patten M See Critchley M
Patten RM See Cyr DR
Patten RM, Van Allen M; Mack LA; et al:
limb-body wall complex: in utero sonographic
diagnosis of a complicated fetal malformation,
(AJR), 146: 1019, 1986

(AJK), 146: 1019, 1986
Patterson DE See LeRoy AJ
Patterson DE See Segura JW
Patterson DE, Segura JW; LeRoy AJ; et al: etiology
and treatment of delayed bleeding following
percutaneous lithotripsy, (Radiology), 158: 281,
1986

Patterson J See Bullock R

Patterson J See Bullock R
Patterson J See Condon BR
Patterson J See Flanigan RC
Patterson R; Greenberger PA; Halwig JM; et al:
allergic bronchopulmonary aspergillosis:
natural history and classification of early disease
by serologic and roentgenographic studies,
(Radiology), 161: 282, 1986
Patton JA See Kulkarni MV
Patton JA See Fartain CL
Patz S: basic physics of nuclear magnetic resonance,
(Cardiovasc Intervent Radiol), 8: 225, 1986
Patz S: Hawkes RC: application of steady-state free

Patz S; Hawkes RC: application of steady-state free precession to the study of very slow fluid flow, (Magn Res Med), 3: 140, 1986

(Magn Res Med), 3: 140, 1986
Paul E See Yu YL
Paul R E Jr See Bloom SM
Paul R E Jr See McLean AM
Paul R Bee Doppman JL
Pauli RM See Pilarski R T
Pauli RM; Scott Cl; Wassman ER Jr; et al: apnea and sudden unexpected death in infants with achondroplasia, (Radiology), 153: 849, 1984
Paulson DF See Apple JS
Paulson DF See Apple JS
Paulson DF See Walther PJ
Paulson DF See Walther PJ
Paulson DF: Hodge GB Ir: Hinsbaw W- et al-

Paulson DF; ee Wattner rJ Paulson DF; Hodge GB Jr; Hinshaw W; et al: radiation therapy versus delayed androgen deprivation for stage C carcinoma of the prostate, (Radiology), 154: 573, 1985

Paulus DD: conservative treatment of breast cancer: mammography in patient selection and follow-up, (AJR), 143: 483, 1984

Paus E See Boye E Paushter DM See Modic MT Paushter DM See Pien EH Paushter DM See Ross JS

Paushter DM See Zeman RK

Paushter DM See Zeman RK

Paushter DM; Dengel FH; Modic MT; et al: clinical
applications of nuclear magnetic resonance:
central nervous system—brain stem and cord,
(Radiographics), 4: 97, 1984

Paushter DM; Modic MT; Masaryk TJ: magnetic
resonance imaging of the spine: applications
and limitations, (Radiol Clin North Am), 23:
551, 1985

Paustian FF See Harned RK Pauwels EK See Guit GL Pauwels EKJ See Van Weelde BJG Pauwels EKJ See Vellenga CJLR Pauwels EKJ See Vos PH Pavel DG See Bekerman C Pavia D See Agnew JE

Pavlicek W See Buonocore E Pavlicek W See Feiglin DH Pavlicek W See Modic MT

ravlicek W See Weinstein MA
Pavlicek W: computers in digital imaging,
(Radiographics), 5: 83, 1985
Pavlicek W; Modic MT; Weinstein MA: pulse
sequence and significance, (Radiographics), 4:
49, 1984

Pavlides CA See Haskin PH Pavlides CA See Teplick SK Pavone P See De Maria M Payone P See Rossi P

Pawar SV; Kay CJ: soft-tissue CT changes in pelvic venous thrombosis, (AJR), 143: 605, 1984

Pawlak B See Wojtowicz J Pawlik G See Heiss W-D Pawlik G See Herholz K Payne CB Jr See Sivrapras Payne JA See Bryant DJ Payne JA See Gadian DG Payne JA See Young IR

Pazzaglia UE; Benazzo F; Castelli C; et al: case report 381, (Skeletal Radiol), 15: 474, 1986 Pcsolyar DW See Tucci JM Peacock LM See Leavitt DD

Peacock WJ See Aspoas AR

Peacock WJ See Lipinski JK
Peacock WJ; Currer TH: hydrocephalus in
childhood. a study of 440 cases, (Radiology),
155: 854, 1985

Pear BL: other organs and other amyloids, (Semin Roentgenol), 21: 150, 1986 Pear BL: xanthogranuloma of the choroid plexus, (AJR), 143: 401, 1984

Pearce KI See Stein RA Pearcey RG See Griffiths SE

Pearcey RG; Griffiths SE: impact of treatment errors

Pearcey RG; Griffiths SE: impact of treatment errors on postoperative radiotherapy for testicular tumours, (Radiology), 159: 572, 1986
Pearcey RG; Griffiths SE: investigation into the daily reproducibility of patient positioning for 'mantle' treatments, (Clin Radiol), 37: 43, 1986
Pearl KN; Dearlove J; Chin KS: periostitis in an infant with cytomegalovirus infection acquired after birth, (Radiology), 154: 853, 1985

Pearlberg JL See Madrazo BL

Pearlberg JL See Madrazo BL
Pearlberg JL; Haggar AM; Saravolatz L; Beute GH;
Popovich J: hemophilus influenzae pneumonia
in the adult. radiographic appearance with
clinical correlation, (Radiology), 151: 23, 1984
Pearlberg JL; Sandler MA; Beute GH; Madrazo BL:
T,NoMo bronchogenic carcinoma: assessment by
CT. (Radiology), 157: 187, 1985
Pearlberg JL; Sandler MA; Kvale P; Beute GH;
Madrazo BL: computed-tomographic and
conventional linear-tomographic evaluation of
tracheobronchial lesions for laser
photoresection. (Radiology), 154: 759, 1985
Pearlman M See Blum E
Pearlstein AE See Neumann DR

Pearlstein AE See Neumann DR Pearrow J See Burrows PE Pearse DB See Pillai RP

Pearse DM; Hawkins IF Jr; Shaver R; Vogel S: percutaneous cholecystostomy in acute cholecystitis and common duct obstruction, (Radiology), 152: 365, 1984

Pearse DN; Kaude JV; Williams JL; et al: sonographic diagnosis of furosemide-induced nephrocalcinosis in newborn infants, (J Ultrasound Med), 3: 553, 1984

Ottrasound Med), 3: 553, 1984

Pearse RG See Skeffington FS

Pearson ADJ; Campbell AN; McAllister VL; et al:
intracranial calcification in survivors of
childhood medulloblastoma, (Radiology), 150:
613, 1984

Pearson BW See Dumich PS

Pearson FG; Todd TRJ; Cooper JD: experience with primary neoplasms of the trachea and carina, (Radiology), 156: 262, 1985 Pearson HA See Lawson JP Pearson J See Axelrod FB

Pearson JA See Kelly WM Pearson MG See Merchant RN Pearson MG See Vinitski S Pearson TA See Fried LP
Pearson TC See Bernardino ME
Peart WS See Mathias CJ
Peartree RJ See Cos LR Pech MP See Mark L Pech P See Beres I Pech P See Cesarini K Pech P See Daniels DL Pech P See Naidich TP

Pech P; Daniels DL; Williams AL; Haughton VM: cervical neural foramina: correlation of microtomy and CT anatomy, (Radiology), 155:

143, 1985

Pech P; Haughton VM: correlative CT and anatomic study of the sciatic nerve, (AJR), 144: 1037, 1985

Pech P; Haughton VM: CT appearance of unfused ossicles in the lumbar spine, (AJNR), 6: 629,

ossic 1985 Pech P; Haughton VM: lumbar intervertebral disk: correlative MR and anatomic study, (Radiology),

156: 699, 1985 Pech P; Kilgore DP; Pojunas KW; Haughton VM: cervical spinal fractures: CT detection, (Radiology), 157: 117, 1985

Pechova-Peterova V; Kalvach P: CT findings in cerebral metastases, (Neuroradiol), 28: 254, 1986 Peck RJ: ultrasound of the painful hip in children, (Br J Radiol), 59: 293, 1986 Peck VM See Dethlefsen LA

Peck WW See Hackney D

Pedersen JF See Holm HH

Pedersen JF See Holm HH

Pedersen OM; Aasen TB; Gulsvik A; et al: fine needle aspiration biopsy of mediastinal and peripheral pulmonary masses guided by real-time sonography, (Radiology), 160: 856, 1986

Pedersen PC; Ozcan HS: ultrasound properties of lung tissue and their measurements, (Ultrasound Med Biol), 12: 483, 1986

Pederson WC; Sirinek KR; Schwesinger WH; et al:

rederson WC, Sirinek KR; Schwesinger Wn; et ai: gastric outlet obstruction secondary to antral mucosal diaphragm. (Radiology), 152: 840, 1984 Pedicelli G; Jequier S; Bowen A; Boisvert J; multicystic dysplastic kidneys: spontaneous regression demonstrated with US, (Radiology), 161: 23, 1986

Pedrick TJ; Hoppe RT: recovery of spermatogenesis following pelvic irradiation for Hodgkin's disease, (Int J Radiat Oncol Biol Phys), 12: 117,

Peel RL See Obley DL Peeling WB; Griffiths GJ: imaging of the prostate by ultrasound, (Radiology), 155: 284, 1985

Peer G See Golomb J Peerless SJ See Drake CG

Peerry MM, Irfan AY; Simmons SP; et al: heart size in high-kilovoltage chest radiography, (Radiology), 157: 563, 1985 Pehl S See Merg E

Peiro A See Ruscalleda J Peisner DB See Wolfson RN

Pejcic P See Babic UU Pelaez JC; Hill MC; Dach JL; et al: abdominal ez JC; HII MC; Dach JL; et al: abdominal aspiration biopsies: sonographic vs. computed tomographic guidance, (Radiology), 152: 266, 1984

Pelckmans PA See Pen JH Peleg O See Maayan C Peleg O See Vinograd I Pelle-Francoz D See Maillet PJ Pellegrini CA See McCarthy S Pelletier G See Eisenscher A Pelletier LC See Jamieson WRE

Pelletier VA; Galeano N; Brochu P; et al: secretory diarrhea with protein-losing enteropathy, enterocolitis cyslica superficialis, intestinal lymphangiectasia, and congenital hepatic fibrosis: new syndrome, (Radiology), 159: 824, 1986

Peloquin A See Schraufnagel DE Pelteret RM See Lamont AC Pelz D See Dion JE Pelz DM See Vinuela FV Pelz DM See D'Alotto C

Pelz DM See D'Alotto C
Pelz DM, Buchan A; Fox AJ; Barnett HJM;
Vinuela FV: intraluminal thrombus of the
internal carotid arteries: angiographic
demonstration of resolution with anticoagulant
therapy alone, (Radiology), 160: 369, 1986
Pelz DM; Fox AJ; Vinuela FV: clinical trial of
iohexol vs. Conray of for cerebral angiography,
(AJNR), 5: 565, 1984

Pen JH; Pelckmans PA; van Maercke YM; et al: clinical significance of focal echogenic liver lesions, (Gastrointest Radiol), 11: 61, 1986

Pena IM See Saez F

Prena JM See Saez F
Penasse W See van Dale P
Pendergrass HP See James AE Jr
Pendergrass HP: James J. McCort, MD, President,
Radiological Society of North America, 1986,
(Radiology), 158: 272, 1986
Peng JJS See Hirsch G
Pang LH See Dergrasshy M

Peng LH See Paramsothy M Peng TT See Lee VW

Peng-qiu M: roentgenological features of right suprahepatic space abscess, (Radiology), 151: 258, 1984

Penkert A: new sonographic method for investigating the scrotal content via a rotating sound head, (Radiology), 150: 299, 1984

sound fiead, (Radiology), 150: 299, 1984
Penn I See Weofel GF
Penn RD See Ramsey RG
Pennell RG; Baltarowich OH: prenatal sonographic
diagnosis of a fetal facial hemangioma. ()
Ultrasound Med), 5: 525, 1986
Pennell RG; Maurer AH; Bonakdarpour A: stress
injuries of the pars interarticularis: radiologic
classification and indications for scintigraphy,
(AJR), 145: 763, 1985
Pennes DR: Dewerman RA: Silver TM: congenital

Pennes DR; Bowerman RA; Silver TM: congenital uterine anomalies and associated pregnancies: findings and pitfalls of sonographic diagnosis, (J Ultrasound Med), 4: 531, 1985

(Fultrasound Med). 4: 531, 1985.

Pennes DR; Bowerman RA; Silver TM: congenital uterine anomalies and associated pregnancies: findings and pitfalls of sonographic diagnosis, (Radiology), 158: 859, 1986.

Pennes DR; Ellis JH: anomalous pulmonary venudrainage of the left upper lobe shown by CT scans, (Radiology), 159: 23, 1986.

Pennes DR; Ellis CN; Madison KC; et al: early skeletal hyperostoses secondary to 13-cisretinoic acid, (AIR), 142: 979, 1984.

Pennes DR; Glazer GM; Wimbish KJ; et al: chest wall invasion by lune cancer: limitations of CT

wall invasion by lung cancer: limitations of CT evaluation, (AJR), 144: 507, 1985 Penney BC See King MA Penney BC See King MA

Penney HF See Brauer M Penning HL See Kyriakos M

Penning L See Wilmink JT Penning L; Wilmink JT; van Woerden HH; et al: CT cenning L; Wilmink JT; van Woerden HH; et al: C myelographic findings in degenerative disorders of the cervical spine: clinical significance, (AJNR), 7: 119, 1986 Pennisi A's; Davis DO; Wiesel S; et al: CT appearance of Candida diskitis, (JCAT), 9: 1050, 1985

Pennisi AK; Meisler WJ; Dina TS: lymphomatous meningitis and steroid-induced epidural lipomatosis: CT evaluation, (JCAT), 9: 595, 1985

Pennock JM See Dubowitz LMS
Pennock JM See Graif M
Pennock JM, Bydder GM; Dubowitz LMS; et al:
magnetic resonance imaging of the brain in
children, (Magn Res Imag), 4: 1, 1986

Penry JK See Laster DW Peppard SB See Potter AJ Jr Peppler WW See Hasegawa BH Pepys MB See Hind CRK

repys MB See Hind CKK
Pera A; Seevers RH; Meyer K; Hall C; Bekerman C;
Anderson TM; Katzen H; Laakso L; Pinsky SM:
gastric ulcer localization by direct in vivo
labeling of sucralfate: work in progress,
(Radiology), 156: 783, 1985
Perale R See Zorzi C

reraie R See Zorzi C
Perchick WB See Heelan RT
Percival RC; Blake GM; Urwin GH; et al:
assessment of thallium-pertechnetate
subtraction scintigraphy in
hyperparathyroidism, (Radiology), 157: 863,
1985

Pere P See Gaucher A

Pere F See Gaucher A
Peregrin JH; Kaspar M; Haco M; et al: new
occlusive agent for therapeutic embolization
tested in dogs, (Radiology), 155: 275, 1985
Pereira B See Brant-Zawadzki M
Pereira B See McNamara MT

Pereira B See McNamara M1
Pereiman M See Cooper JD
Pereix GS; Lam AH: distinguishing neuroblastoma
from Wilms tumor by computed tomography,
(JCAT), 9: 889, 1985
Perez C See Madrid G

Perez CA See Brady LW Perez CA See Stokes S

Perez CA; Bauer M; Edelstein S; et al: impact of

Perez CA; Bauer M; Edelstein S; et al: impact of tumor control on survival in carcinoma of the lung treated with irradiation, (Int J Radiat Oncol Biol Phys), 12: 539, 1986
Perez CA; Pilepich MV; Zivnuska F: tumor control in definitive irradiation of localized carcinoma of the prostate, (Int J Radiat Oncol Biol Phys), 12: 523, 1986

Perez JE See Weinstein IR
Perez-Atayde A See Hernanz-Schulman M
Pergament E See Cadkin AV
Perkash I; Friedland GW: catheter-induced

hyperreflexia in spinal cord injury patients: diagnosis by sonographic voiding cystourethrography, (Radiology), 159: 453, 1986

Perkash I; Friedland GW: using transrectal sonography to teach patients with spinal cord injuries to retrain their bladders, (Radiology), 152- 228 1984

injuries to retrain their bladders, (Radiology),
152: 228, 1984
Perkerson RB Jr; Erwin BC; Baumgartner BR;
Phillips VM; Torres WE; Clements JL Jr;
Gedgaudas-McClees RK; Bernardino ME: CT
densities in delayed iodine hepatic scanning,
(Radiology), 155: 445, 1985
Perkes EA; Baim RS; Clair MR; et al: intrauterine
bleeding following transplacental
amniocentesis, (Radiology), 150: 299, 1984
Perkins GC See Pettigrew RI
Perler BA See Auster M
Perler BA See Kinnison MI.
Perlman JM See Katz ME
Perlman JM See Siegel MJ
Perlman JS See Lawson TL
Perlman S See Lawson TL
Perlman SS See Alpern MB
Perlman S; Rogers LF; Mintzer RA; et al: abnormal
course of nasogastric tube in traumatic rupture
of left hemidiaphragm, (AJR), 142: 85, 1984
Perlmut LM See Denny DF

Perlmutt LM See Bettmann MA
Perlmutt LM See Denny DF
Perlmutt LM See Sussman SK
Perlmutt LM; Braun SD; Newman GE; et al: timing
of chest film follow-up after transthoracic
needle aspiration, (AJR), 146: 1049, 1986
Perlmutt LM; Levin DC; Barry W: coronary artery
spasm: current concepts, (Invest Radiol), 21: 663,
1986

Perlmutter AD See Steinhardt GF Perimutter AD See Steinhard of Perimutter DH; Tapper D; Teele RL; et al: colobronchial fistula as a late complication of coloesophageal interposition, (Radiology), 156: 561, 1985

Perlmutter GS See Garrett PR

Perlmutter GS See Garrett PR
Perlmutter JS See Fox PT
Perloff JK See Engle SJ
Perman WH See Nickoloff EL
Perman WH See Nickoloff EL
Perman WH; Hilal SK; Simon HE; et al: contrast
manipulation in NMR imaging, (Radiology),
157: 285, 1985
Perman WH; Moran PR; Moran RA; et al: artifacts
from pulsatile flow in MR imaging, (JCAT), 10:
473, 1986
Perman WH; Turski PA; Houston LW; Glover GH;
Hayes CE: methodology of in vivo human
sodium MR imaging at 1.5 T, (Radiology), 160:
811, 1986
Pernes J-M See Fiessinger J-N

811, 1986
Pernes J-M See Fiessinger J-N
Pernes JM; Vitoux JF; Brenoit P; Raynaud A;
Parola JL; Roth JP; Angel CY; Fiessinger JN;
Roncato M; Gaux JC: acute peripheral arterial
and graft occlusion: treatment with selective
infusion of urokinase and lysyl plasminogen,
(Radiology), 158-481, 1986
Perreault G See Filiatrault D
Perreault G See Nicolet V
Perreault JE; Farner A, Bonn P, diagonic mitral

Perrenoud JJ; Frangos A; Bopp P: diastolic mitral gradient without associated valvular stenosis: usefulness of two-dimensional

usefulness of two-dimensional echocardiography for a correct diagnosis, (Radiology), 151: 272, 1984 Perrett LV See Holland BA Perriguey G See Weill FS Perrin EC See Eisenberg D Perry CM See Smales E Perry DD See Grimson BS

Perry JC; Nanda NC; Hicks DG; et al: two-dimensional echocardiographic identification of aortica-left ventricular tunnel, (Radiology), 152: 554 1984

Perry LW; Ruckman RN; Shapiro SR; et al: left ventricular false tendons in children: prevalence as detected by 2-dimensional echocardiography and clinical significance, (Radiology), **152**: 850, 1984

(Kadiology), 152: 850, 1984
Perry MO: latrogenic injuries of arteries in infants,
(Radiology), 152: 256, 1984
Perry RNW, Bowman ED; Murton LJ; et al:
ventricular size in newborn infants, (J
Ultrasound Med), 4: 475, 1985
Persico O See Jaccarino M
Escatarino M
Escatarino M
Escatarino M

Persico O See Taccarino M Persigehl M See Hoevels-Guerich H Persky MS See Cohen JP Persky MS; Bernstein A; Cohen NL: combined treatment of head and neck vascular masses with preoperative embolization, (Radiology), 153: 570, 1984

Person H See Lasjaunias P Persson B See Pettersson H Persson BRR See Kempi V Persson P-H See Weldner B-M

Persson P-H See Weldner B-M Pervez NK; Kelienerman J; Kattan M; et al: pseudomembranous necrotizing bronchial aspergillosis. variant of invasive aspergillosis in a patient with hemophilia and acquired immune deficiency syndrome, (Radiology), 157: 563, 1985

Pery M; Kaftori JK; Rosenberger A: causes of abnormal right diaphragmatic position diagnosed by ultrasound, (Radiology), **151**: 556,

Pesce B See Rossi P Pesce G See Giorgio A Peschel RE See Morton JD

Peschel RE; Martin DF; Fischer JJ: tumor cure studies on the rat sarcoma BA1112 using continuous low-dose-rate radiation, (Radiology), 152-801 1984

Peschel RE, Martin DF; Fischer JJ: tumor cure studies on the rat sarcoma BA1112 using continuous low-dose-rate radiation: reply, (Radiology), 155: 837, 1985

Peshock R See Weinreb JC Peshock RM See Erdman WA Peshock RM See Gaffney FA Peshock RM See Rehr RB

Pessis D See Mulopulos GP Petasnick IP See Alcorn FS Petasnick JP See Gavin PM

Petasnick JP See Gitelis S Petasnick JP See Pozniak M Petasnick JP See Turner DA

Petasnick JP; Turner DA; Charters JR; Gitelis S; Zacharias CE: soft-tissue masses of the locomotor system: comparison of MR imaging with CT, (Radiology), 160: 125, 1986

Petek WW See Lammer J Peter DJ; Flanagan LD; Cranley JJ: analysis of blood clot echogenicity, (JCU), 14: 111, 1986

Peter S See Jaschke W Peterman SB; Steiner RE; Bydder GM: magnetic resonance imaging of intracranial tumors in children and adolescents, (AJNR), 5: 703, 1984

Peters AM; Saverymuttu SH; Reavy HJ; et al: imaging of inflammation with indium-111-tropolonate labeled leukocytes, (Radiology), 150: 302, 1984

Peters H See Dinkel E Peters H See Dittrich M Peters H See Weitzel D

Peters H See Weitzel D
Peters H, Dittrich M; Dinkel E: sonographic
assessment of the biliary system in childhood,
(Radiology), 152: 255, 1984
Peters IB; Williams CAK; Dahniya MH:
uteroenteric fistula due to ruptured ectopic
pregnancy, (Radiology), 152: 551, 1984 Peters KL See Finer NN

Peters LJ; Brock WA; Johnson T; et al: potential methods for predicting tumor radiocurability, (Int J Radiat Oncol Biol Phys), 12: 459, 1986

Peters ME; Arya S; Langer LO; et al: narrow trachea in mucopolysaccharidoses, (Radiology), 157: 569, 1985

Peters ME; Gould HR; McCarthy TM: identification of a bronchopleural fistula by computerized tomography—a case report, (Radiology), 151: 554, 1984

Peters ME; Horowitz S: bone changes after rubella vaccination, (AJR), 143: 27, 1984 Peters PE See Wernecke K Peters PE; Lorenz R; Fischer M: splenic imaging, (Radiology), 151: 260, 1984 Peters TM See Worthington C

Peters IM See Worthington C Peters TM; Clark JA; Olivier A; Marchand EP; Mawko G; Dieumegarde M; Muresan LV; Ethier R: integrated stereotaxic imaging with CT, MR imaging, and digital subtraction angiography, (Radiology), 161: 821, 1986

Peters V See Ramirez H Jr

Peters VG: Herer AS: modification of a standard cobalt-60 unit for total body irradiation at 150 cm SSD, (Radiology), 155: 288, 1985

Petersdorf RG: how to cope with the doctor glut in the United States, (AJR), 145: 1128, 1985 Petersen JC See Williams SM Petersen MR See Castellan RM

Petersen MK see Castellan MM Petersen RC; Mokri B; Laws ER Jr: surgical treatment of idiopathic hydrocephalus in elderly patients, (Radiology), 158: 572, 1986 Petersen RJ See Witte RJ

Petersen SB See Heidelberger E Petersen SB See Rinck PA

Peterson CM; Smith WL; Franken EA: neonatal intracerebellar hemorrhage: detection by real-time ultrasound, (Radiology), 150: 391, 1984

Peterson GJ See Pilla TJ Peterson HF See Bonnel D

Peterson IM; Guthaner DF: aortic pseudoaneurysm complicating Takayasu disease: CT appearance, (JCAT), 10: 676, 1986

Peterson IM; Neumann CH: focal hepatic infarction with bile lake formation, (AJR), 142: 1155, 1984
Peterson KL See Bowen JS

Peterson LA See Maglinte DDT

Peterson MB; Machaj V; Block PC; et al: thromboxane release during percutaneous transluminal coronary angioplasty, (Radiology), 160: 861-1986 160: 860, 1986

Peterson OF; Espersen JO: how to distinguish between bleeding and coagulated extradural hematomas on the plain CT scan, (Radiology), 155: 857, 1985

Peterson RR See Aronberg DJ Peterson RR See Balfe DM
Peterson RR See McClennan
Peterson RR See Rholl KS Peterson RR See Weinstein JB Peterson T See Slutsky RA

Petiet A See Cavailloles F Petitclerc M See Baines CJ Petkov D See Diankov L

Petras AF; Sobel DF; Mani JR; et al: CT myelography in cervical nerve root (JCAT), 9: 275, 1985

Petres RE See Mercer LJ Petrie PWR See Merrick MV Petrochko N Jr See Terhune DW Petrovic M See Kauzlaric D

Petrovic M See Kauziaric D Petrovic O; Feigenbaum H; Armstrong WF; et al: digital averaging to facilitate two-dimensional echocardiographic measurements, (JCU), 14: 367, 1986

Petrozza JA; Dutta SK; Latham PA; et al: prevalent and natural history of distal common bile duct stenosis in alcoholic pancreatitis, (Radiology), 155: 850, 1985

Petsch R See Heller H Pettersson F See Bjorkholm E Pettersson H See Hamlin DJ

Pettersson H See Hamlin DJ
Pettersson HJ, McClure P, Fitz CR: intracranial
hemorrhage in hemophilic children. CT followup, (Radiology), 155: 276, 1985
Pettersson HJ, Rydholm A; Persson B: early
radiologic detection of local recurrence after

curettage and acrylic cementation of giant cell tumours, (Eur J Radiol), 6: 1, 1986

Pettifor JM See Burnstein MI

Pettigrew J See Roberts D Pettigrew RI See Braun IF

Pettigrew RI See Braun IF
Pettigrew RI; Avruch L; Dannels W; Coumans J;
Bernardino ME: fast-field-echo MR imaging
with Gd-DTPA: physiologic evaluation of the
kidney and liver, (Radiology), 160: 561, 1986
Pettigrew RI; Witztum KF; Perkins GC;
Johnson ML; Burks RN; Verba JW; Halpern SE:
single photon emission computed tomograms of
the liver: normal vascular intrahepatic
structures, (Radiology), 150: 219, 1984
Pettine KA; Klassen RA: osteoid osteoma and
osteoblastoma of the spine, (Radiology), 160:
859, 1986

859 1986

Petty AM; Kun LE; Meyer GA: radiation therapy for

Petty AM; Kun LE; Meyer GA: radiation therapy for incompletely resected meningiomas, (Radiology), 158: 571, 1986 Petty W; Spigos DG; Abejo R; et al: arterial digital angiography in the evaluation of potential renal donors, (Invest Radiol), 21: 122, 1986

Pevsner P See Yakes WF Pexman JHW; Coates RK: amnesia after femorocerebral angiography, (Radiology), 152: 555, 1984

Peyman GA See Mafee MF Peyster RG See Brill CB Peyster RG See McCormack J Peyster RG See Wall MJ

Peyster RG; Adler LP; Viscarello RR; et al: CT of the normal pituitary gland, (Neuroradiol), 28 161, 1986

101, 1980 Peyster RG; Augsburger JJ; Shields JA; Satchell TV; Markoe AM; Clarke K; Haskin ME: choroidal melanoma: comparison of CT, fundoscopy, and US, (Radiology), 156: 675, 1985Peyster RG; Ginsberg F; Hoover ED: computed tomography of familial pineoblastoma, (JCAT), 10: 32, 1986

Peyster RG; Ginsberg F; Silber JH; et al: exophthalmos caused by excessive fat: CT volumetric analysis and differential diagnosis, (AJNR), 7: 35, 1986

(A)NR), 7: 35, 1986

Peyster RG; Hoover ED: CT of the abnormal pituitary stalk, (A)NR), 5: 49, 1984

Peyster RG; Hoover ED: CT of the abnormal pituitary stalk, (Radiology), 154: 856, 1985

Peyster RG; Hoover ED; Adler LP: CT of the normal pituitary stalk, (A)NR), 5: 45, 1984

Pezzotta S See Cecchini A

Pfaff WW See Mendenhall WM

Prant w W See Mendenhall WM
Pfannenstiel P See Rinck PA
Pfefferbaum A; Zatz LM; Jernigan TL: computerinteractive method for quantifying
cerebrospinal fluid and tissue in brain CT scans:
effects of aging, (ICAT), 10: 571, 1986
Pfeifer KJ See Mayer R

Pfeiffer WR; Robinson LH; Balsara VJ: sonographic features of bile plug syndrome, (J Ultrasound Med), 5: 161, 1986

Pfeilsticker D See Eberle F Pfister RC See Cronan II Pfister RC See Dretler SP Pfister RC See Hartman GW Pfister RC See Newhouse JH

Pfister RC See Papanicolaou N Pfister RC See Yoder IC

Pfister RC; Dretler SP: percutaneous chemolysis of renal calculi, (Radiology), 153: 848, 1984

Pfitzenmaier N; Malzacher F: special device for the objective size measurement of the prostata via transrectal sonography, (Radiology), 150: 299, 1984

1984
Pflanze W See Modic MT
Pfretzschner C See Claussen
Phalen J See Kaplan PA
Phalen JT See Lieberman RP
Pham DH See Sauerbrei EE

Pham DH See Sauerbrei EE
Phelan EMD; Carty HML; Kalos S: generalised
enchondromatosis associated with
haemangiomas, soft-tissue calcifications and
hemihypertrophy, (Br J Radiol), 59: 69, 1986
Phelan MS; Kerr IH: allergic broncho-pulmonary
aspergillosis: the radiological appearance
during long-term follow-up, (Radiology), 155:
547, 1985

SAT, 1985

Thelps CE See Hillman BJ
Phelps ME See Engel J Jr
Phelps ME See Engel J Jr
Phelps PD See Lloyd GAS
Phelps PD See Slack RWT
Phelps PD, See Slack RWT
Phelps PD, Lloyd GAS: vascular masses in the middle ear, (Clin Radiol), 37: 359, 1986
Philipp E, See Wilanueva-Meyer J
Philipps E See Bloom SM
Philips W See Benardino ME
Philipson EH; Wolfson RN; Kedia KR: fetal hydronephrosis and polyhydramnios associated with vesico-ureteral reflux, (Radiology), 157: 862, 1985
Phillips G See Kumari-Subaiva S
Phillips G See Kumari-Subaiva S

Phillips G See Kumari-Subaiya S
Phillips G; Dimitrieva Z: sonographic diagnosis of
thrombosis of the superior mesenteric vein and
small bowel infarction, (J Ultrasound Med), 4:

565 1985

565, 1985

Phillips HE See McGahan JP

Phillips HO; Greene WB; Guilford WB; et al:
measurement of femoral torsion: comparison of
standard roentgenographic techniques with
ultrasound, (Radiology), 158: 575, 1986

Phillips J; Alderson T; Sicora K; et al: localization of
malignant glioma by a radiolabelled human
monoclonal antibody, (Radiology), 150: 861,

1994 Phillips JA See Stokes DC Phillips JA See Stokes DC Phillips LG Jr, Cunningham J: esophageal perforation, (Radiol Clin North Am), 22: 607, 1984

Phillips MS; Williams MP; Flower CDR: how useful is computed tomography in the diagnosis and assessment of bronchiectasis?, (Clin Radiol), 37: 321, 1986

37: 321, 1986
Phillips T See Russo A
Phillips TL See Mitchell JB
Phillips TL See Mitchell JB
Phillips TL See Mitchell JB
Phillips WM See Perkerson RB Jr
Phillips VM; Erwin BC; Bernardino ME: delayed
iodine scanning of the liver: promising CT
technique, (JCAT), 9: 415, 1985
Phillips WC See Kattapuram SV
Phillips WC: radiologic evaluation of severed body
parts: comment, (Radiology), 151: 535, 1984
Phyliky RL See Weis JW
Plaggio RB See Thomas ML
Plantadosi CA See Johnson DG
Picano E See Landini L; Distante A; et al: different

Picano E See Landini L Picano E; Landini L; Distante A; et al: different degrees of atherosclerosis detected by backscattered ultrasound: an in vitro study on fixed human aortic walls, (Radiology), 152: 262,

1984
Picard D See Carrier L
Picard JL See Bruneton JN
Picard L See Castaings L
Picard J, Almeras M; Delgoffe C; et al:
medulloblastomas and retinoblastomas: CT
images of intracranial meningeal metastases,
(Radiology), 150: 861, 1984
Picard D See Corno A
Picci P See Bertoni F
Picci P; Baldini N; Sudanese A; et al: giant cell
reparative granuloma and other giant cell
lesions of the bones of the hands and feet,
(Skeletal Radiol), 15: 415, 1986
Picci P; Gherlinzoni F; Guerra A: intracortical
osteosarcoma: rare entity or early manifestati

osteosarcoma: rare entity or early manifestation of classical osteosarcoma?, (Radiology), 153: 269, 1984

Piccolello ML See Levine MS Pichard AD See Jacob AS Pichler W See Meiser J Pickens DR See Simmons GH

Pickens DR, Erickson JJ; computers in computed tomography and magnetic resonance imaging, (Radiographics), 5: 31, 1985
Pickens DR III See James AE Jr
Pickens DR III See Kirchner SG

Pickering SP See Fletcher BD
Pickering TG See Sos TA
Pickoff AS; Bennett V; Soler P; et al: detection of pulmonary venous flow by pulsed Doppler echocardiography in children, (Radiology), 150: 858, 1984

Pickwick CE: aspects of successful health care management—1984, (Radiographics), 5: 503, 1985

Picon PD See Uflacker R Picone AL See Gramiak R Picus D See Balfe DM

Picus D See Heiken JP

Picus D See Lee JKT Picus D See Middleton WD

Picus D; Glazer HS; Levitt RG; et al: CT of abdominal carcinoid tumors, (AIR), 143: 581,

Picus D; McAlister WH; Smith E; et al: plain radiography with a rare-earth screen: comparison with calcium tungstate screen, (AJR), 143: 1335, 1984

Picus D; Neeley JP; McClennan BL; et al: intraarterial digital subtraction angiography of renal transplants, (AJR), 145: 93, 1985

Picus D; Totty WG: iatrogenic femoral arteriovenous fistulae: evaluation by digital vascular imaging, (AJR), 142: 567, 1984

Picus D; Weyman PJ; Clayman RV; et al: intercostal-space nephrostomy for percutaneous stone removal, (AJR), 147: 393, 1986

stone removal, (AJK), 147: 393, 1986
Pien EH; Zeman RK; Benjamin SB; Barth KH;
Jaffe MH; Choyke PL; Clark LR; Paushter DM:
iatrogenic sclerosing cholangitis following
hepatic arterial chemotherapy infusion,
(Radiology), 156: 329, 1985 Pieniadz JM See Koff E

Piepsz A; Ham HR; Roland JH; et al: technetium-99m DMSA imaging and the obstructed kidney, (Clin Nucl Med), 11: 389, 1986

Pierce JM Jr See Pontes JE

Piermattei A See Arcovito G
Pierquin B; Otmezguine Y; Lobo PA: conservative
management of breast carcinoma. the Creteil
experience, (Radiology), 151: 837, 1984

Pierre-Kahn A See Hirsch I Pierri P See Giorgio A Pietra GG See Gefter WB

Pietra GG See Glickstein M Pike MG; Wood AJ; Corrin B; et al: intrathoracic extramediastinal cystic hygroma, (Radiology), 153: 274, 1984

Pilarski RT; Pauli RM; Engber WD: hand-reduction malformations: genetic and syndromic analysis, (Radiology), 157: 854, 1985 Pilch BZ See Granich MS

Pilepich MV See Perez CA Pilepich MV; Krall JM; Johnson RJ; et al: extended field (periaortic) irradiation in carcinoma of the prostate—analysis of RTOG 75-06, (Int J Radiat Oncol Biol Phys), 12: 345, 1986

Pile-Spellman ER See Homer MJ

Pile-Spellman J See Oot RF Pile-Spellman JM; McKusick KA; Strauss HW; et al: experimental in vivo imaging of the cranial perineural lymphatic pathway, (AJNR), 5: 539, 1984

Pile-Spellman JMD; Baker KF; Liszczak TM; et al: high-flow angiopathy: cerebral blood vessel changes in experimental chronic arteriovenous fistula, (AJNR), 7:811, 1986

Pilger E See Lammer J

Pilger E; Lammer J; Bertuch H; Steiner H: intraarterial fibrinolysis: in vitro and prospective clinical evaluation of three thrombolytic agents, (Radiology), 161: 597, 1986 Pilla TJ See Tantana S

Pilla 1 J See I antana S Pilla Tj. Beshany St; Shields JB: incompatibility of Hexabrix and Papaverine, (AJR), 146: 1300, 1986 Pilla Tj. Peterson Gj. Tantana S; et al: percutaneous recanalization of iliac artery occlusions: an alternative to surgery in the high-risk patient, (AJR), 143: 313, 1984

Pilla TJ; Tantana S; Peterson GJ: modified technique for infusion of low-dose streptokinase into the lower extremities, (AJR), 142: 1213, 1984

Pillai RP; Buescher PC; Pearse DB; et al: <sup>31</sup>P NMR spectroscopy of isolated perfused lungs, (Magn Res Med), 3: 467, 1986

Pillari G See Gersten K

Fillari G; Doscher W; Fierstein J; et al: low-dose streptokinase in the treatment of celiac and superior mesenteric artery occlusion, (Radiology), 152: 552, 1984

Pillay GP See Keeton GR

Pillsbury HC; Price HC; Gardiner LJ: primary tumors of the facial nerve: diagnosis and management, (Radiology), 152: 558, 1984

Pilu G See Orsini LF

Pilu G; De Palma L; Romero R; et al: fetal subarachnoid cisterns: ultrasound study with report of a case of congenital communicating hydrocephalus, (J Ultrasound Med), 5: 365, 1986

Pilu G; Rizzo N; Orsini LF; et al: antenatal recognition of cerebral anomalies, (Ultrasound Med Biol), 12: 319, 1986

Pinaudeau M See Borne GM Pinck RL See Ramanathan K Pinck RL See Yaghoobian J

Pincus RL See Eden AA Pineda C See Kerr R
Pineda C See Sartoris DJ
Pineda CJ See Resnick D Pinet A See Maillet PJ Pinsky S See Bekerman C Pinsky SM See Pera A Pinstein ML See Rothschild BM

Pinstein ML See Kothschild BM Pinstein ML See Scott RL Pinstein ML See Sebes JI Pinstein ML See Winer-Muram H

Pinstein ML; Sebes JI; Scott RL: transarticular extension of chondrosarcoma, (AJR), 142: 779, 1984

1984
Pinstein ML; Winer-Muram H; Eastridge C;
Scott RL: middle lobe torsion following right
upper lobectomy, (Radiology), 155: 580, 1985
Pintauro WL; Klein FA; Vick CW III; et al: use of
ultrasound for evaluating subacute unilateral
scrotal swelling, (Radiology), 157: 286, 1985

Pinto JA See Stamm AC Pinto JA See Stamm AC Pinto K See Moya F Pinto R See Walker R Pinto RS See Goy AMC Pinto RS See Mitnick JS Pinto RS See Schonfeld SM

Pinto RS See Weingarten KL

Pinto RS; Kricheff II: neuroradiology of intracranial neuromas, (Semin Roentgenol), 19: 44, 1984 Pinto RS; Manuell M; Kricheff II: complications of digital intravenous angiography: experience in 2488 cervicocranial examinations, (AJNR), 5: 553, 1984 553, 1984

Pinto RS; Manuell M; Kricheff II: complications of digital intravenous angiography: experience in 2488 cervicocranial examinations, (AJR), 143: 1295, 1984

Piontek RW; Kase KR: design and dosimetric properties of an intraoperative radiation therapy system using an orthovoltage x ray unit, (Int J Radiat Oncol Biol Phys), 12: 255, 1986

Piorkowski R See Byers RM Piraino DW See Aguila LA Piraino DW See Modic MT Piraino DW See Risius B Pirani M See Dobranowski J Piros G See Tegtmeyer CJ Pirovino M See Heer M Pirro JP See Roizin-Towle L

Pirsch JD; Maki DG; infectious complications in adults with bone marrow transplantation and T-cell depletion of donor marrow: increased susceptibility to fungal infections, (Radiology), 161: 284, 1986

Piscioli F See Luciani L Pisi E See Zoli M

Pisk R L See Zoli M
Piske RL See Uflacker R
Pissiotis C See Kalovidouris A
Pistolesi GF; Maso R; Filosto L; et al: venous digital
subtraction angiography in the evaluation of
renovascular hypertension, (Radiology), 158:
574 574 1986

Pistolesi M See Milne ENC Pistolesi M See Milne ENC;
Pistolesi M; Milne ENC; Miniati M; Giuntini C:
vascular pedicle of the heart and the vena
azygos. part II: acquired heart disease,
(Radiology), 152: 9, 1984

Pistor G; Hofmann-v. Kap-herr S: functional colonsonography in three cases of neuronal intestinal
dysplasia, (Radiology), 156: 282, 1985

Pitchenik AE; Rubinson HA: radiographic
appearance of tuberculosis in patients with the
acquired immune deficiency syndrome (AIDS)
and pre-AIDS, (Radiology), 156: 853, 1985

Pitha J V See Wilson DA

Pitha JV See Wilson DA Pitkanen MA See Mantyla MJ Pitrolo F See Mancuso L
Pitt B See Rabinovitch MA
Pitt HA See Stambuk EC Pitt M See Kursunoglu S Pitt MJ See Hunter TB

Pitt WR; Sharp PF; Chesser RB; et al: radionuclide image minification can compensate for coarse digitization: concise communication, (Radiology), 153: 283, 1984 Pitts LH See Graham DI

Pitts LH See Kelly WM Pitts LH See Moon KL Ir

Piwnica-Worms D; Forman A; Tumeh SS: chronic ear discharge in an elderly diabetic man, (Invest Radiol), 21: 584, 1986 Piza F See Marosi L

Pizar See Marosi I.
Pizer SM, See Heinz ER
Pizer SM, Zimmerman JB, Staab EV: adaptive grey
level assignment in CT scan display,
(Radiology), 154: 282, 1985
Pizzarello DJ See Chandra R
Pizzarello DJ; Chandra R: effects of mitotic activity

and water content on the proton relaxation times in partially hepatectomized and shamoperated rat livers, (Invest Radiol), 21: 320, 1986

Pizzocaro G See Tesoro-Tess JD Pizzucaro G See Tesoro-Tess JI.
Pizzuto J See Ambriz R
Pjura G See Kim EE
Plainfosse MC See Hernigou A
Plainfosse MC See Montely I
Plant GR See Crawford AJ riant GK See Crawtord AJ

Plate G; Hollier LA; O'Brien P; et al: recurrent
aneurysms and late vascular complications
following repair of abdominal aortic aneurysms,
(Radiology), 158: 281, 1986

Platt LD See Boucher M

Platt LD See De Wainstein BI

Blatt LD See Wainstein BI Platt LD See Weinstein BJ
Platt LD See Weinstein BJ
Plattner G; Renner W; Went J; et al: fetal sex
determination by ultrasound scan in the second
and third trimesters, (Radiology), 150: 615, 1984
Plauchu H See Bret PM Plauchu H See Bret PM
Plavis B; Kuzmanic D; Rotkvic I: eosinophilia
caused by iodinated radiographic contrast
media, (Radiology), 152: 252, 1984
Plewes DB See Katzberg RW
Plewes DB See Katzberg RW
Plewes DB See Warder B;
Plonk GW Jr See Howe HR Jr
Plourde PV See Manni A
Ploysongsang S; Scott RM; Aron BS; et al:
comparison of whole pelvis versus small-field
radiation therapy for carcinoma of prostate,
(Radiology), 160: 573, 1986
Pluijmackers-Westmijze EJ See Lafleur MVM
Plum G See Harms SE

Plum G see Harms SE

Plumbey TF See McDonald GB

Plunkett MB; Gray JE; Kispert DB: radiation
exposure from conventional and digital
subtraction angiography of cerebral vessels,
(AJNR), 7: 665, 1986

(A)NK), 7: 665, 1986
Pober B See Bundy AL
Pochaczevsky R See Kumari-Subaiya S
Pochaczevsky R; Lee WJ; Mallett E: management of
male infertility: roles of contact thermography,
spermatic venography, and embolization, (A)R),
147: 97, 1986

Pochhammer K-F See Szekessy T
Pochhammer K-F; Szekessy T; Frentzel-Beyme
B; et al: craniocaudad dimension (measureme
of the pancreatic head, (Radiology), 155: 861,

1985 Pochin EE: 10-day recommendation, (Clin Radiol), 37: 105, 1986 Pochon Y See Hessler C Pocsik I See Furo I Podgorski GT; Carroll FE; Parker RE: MR

evaluation of pulmonary interstitial and intravascular fluids, (Invest Radiol), 21: 478,

intravascular fluids, (Invest Radiol), 21: 478, 1986

Podmaniczky KC See Mohan R

Podruch PE See Hersh JH

Poe RH See Kohan JM

Poehlmann H See Kramer PH

Pogany AC See Kerlan RK Jr

Pogany AC See Kerlan RK Jr

Pogany AC See Sigal E

Pogany AC See Sigal E

Pogany AC See Wesbey GE

Pogany AC, Kerlan RK Jr; Karam JH; et al: cystic insulinoma, (AJR), 142: 951, 1984

Pogrund H See Bloom RA

Pogrund H; Bloom RA; Mogle P: normal width of the adult hip joint: the relationship of age, sex, and obesity, (Radiology), 153: 269, 1984

Pohjonen JA See Sepponen RE

Pohi DA See Lefebvre MP

Pohl L See Bandyk DF

Fohost GM See Kaul S

Pohl L See Bandyk DF
Pohost GM See Kaul S
Pohost GM See Osbakken MD
Pohost GM; Ratner AV: nuclear magnetic
resonance, potential applications in clinical
cardiology, (Radiology), 153: 857, 1984
Pointon RS; Read G; Greene D: randomized
comparison of photons and 15 MeV neutrons for
the treatment of carcinoma of the bladder,
(Radiology), 158: 576, 1986
Pointreau CC See Mathieu D
Pojunas KW; Williams At; Daniels DL; Haughton
VM: syringomyelia and hydromyelia: magnetic
resonance evaluation, (Radiology), 153: 679,
1984
Pojunas KW See Daniels DL
Pojunas KW See Daniels DL
Pojunas KW See Kilgore DP

Pojunas KW See Kilgore DP Pojunas KW See Naidich TP

Pojunas KW See Pech P Pojunas KW; Daniels DL; Williams AL; et al: MR imaging of prolactin-secreting microadenomas, (AINR), 7: 209, 1986

Pojunas KW; Daniels DL; Williams AL; et al: pituitary and adrenal CT of Cushing syndrome, (A)NR), 7: 271, 1986
Pojunas KW; Daniels DL; Williams AL; et al: pituitary and adrenal CT of Cushing syndrome, (A)R), 146: 1235, 1986

(AJR), 146: 1235, 1986
Poka A See Young JWR
Pokela RE See Ikaheimo MJ
Poklepovic J See Clinkscales NB
Pokora T; Bing D; Mammel M; et al: neonatal high-frequency jet ventilation, (Radiology), 152: 254, 1984

Pokorny W; McGill CW; Harberg FJ: Morgagni hernias during infancy: presentation and associated anomalies, (Radiology), 155: 855, 1985

associated anomalies, (Rādiology), 155: 855, 1985
Polak JF See Jolesz FA
Polak JF See Tu'meh SS
Polan ML See Richman TS
Poland RL See Slovis TL
Polansky A; Resnick D; Sofferman RA;
Davidson TM: hyoid bone elevation: a sign of
tracheal transection, (Radiology), 150: 117, 1984
Polansky AD See Resnick D
Polansky AD See Resnick D
Polansky AD See VanSonnenberg E
Polcyn RE See Celesia GG
Polga IP See Plasznik I

Policyn RE See Celesia GG
Polga JP See Plasznik J
Polimer LR See Limacher MC
Polinsky R See Pastakia B
Pollack A See Hoffman P
Pollack H; Kenney PJ; McAfee JG; et al: flank mass
and hypertension. (AJR), 146: 67, 1986
Pollack HM See Baltaxe HA
Pollack HM See Banner MP
Pollack HM See Choyke PL
Pollack HM See Choyke PL
Pollack HM See Choyke PL
Pollack HM See Fishman MC
Pollack HM See Poliman MC
Pollack HM See Poliman MC
Pollack HM See Poliman MC
Pollack HM See Verstandig AG
Pollack HM; Banner MP: extracorporeal shock wave
lithotripsy and the radiologist, (AJR), 147: 94,
1986

lithotripsy and the radiologist, (AJR), 147: 94, 1986

Pollack HM; Banner MP: percutaneous extraction of renal and ureteral calculi: technical considerations, (AJR), 143: 78, 1984

Pollack HM; Banner MP: percutaneous urolithotomy: the use of balloon catheters as an adjunct, (Radiology), 152: 213, 1984

Pollack HM; Banner MP: Van Arsdalen KN: balloon obturation of the renal collecting system during percutaneous ultrasonic lithotripsy, (AJR), 143: 305, 1984

Pollack M; Shirkhoda A; Charnsangavej C: computed tomography of choledochocele, (ICAT), 9: 360, 1985

Pollack M; See Metroka CE

Pollard JW See vanSonnenberg E

Pollei S; Mettler FA Jr; Kelsey CA; Walters MR; White RE: follow-up chest radiographs in Vietnam veterans: are they useful?. (Radiology), 161: 101, 1986

Pollen JJ; Resnek RH; Talner LB: lysis of osteoblastic lesions in prostatic cancer: a sign of progression, (AJR), 142: 1175, 1984

Pollen JJ; Witztum KF; Ashburn WI: flare phenomenon on radionuclide bone scan in metastatic prostate cancer, (AJR), 142: 773, 1984

Pollina R See Harbert JC

Pollycove M See Yen C-K

Pomeranz S See Cohen BA

Pomeranz S See Cohen BA

Pomeranz S See Tobias JA

Pomeranz SJ See Tobias JA Pomeranz SJ; Altman N; Sheldon JJ; et al: magnetic

resonance of congenital anorectal are magnetic resonance of congenital anorectal and analormations, (Magn Res Imag), 4: 69, 1986

Pomeranz SJ; Hawkins HH; Towbin RB;

Lisberg WN; Clark RA: granulocytic sarcoma (chloroma): CT manifestations, (Radiology), 155: 167, 1985

167, 1985 Pomeranz SJ; Proto AV: histiocytosis X: unusual-confusing features of eosinophilic granuloma, (Radiology), 160: 571, 1986Pon M See Bartlett LJ

Ponc My Kane E; Gill FM: acute chest syndrome in sickle cell disease: etiology and clinical correlates, (Radiology), 159; 576, 1986 Pond GD See Bethancourt B Pond GD See Chernin MM

ond GD: pulmonary digital subtraction angiography, (Radiol Clin North Am), 23: 243, 1985

Ponette E See Pringot J Ponhold W See Schlemmer M Ponsot G See Diebler C

Pontes JE; Morrison K; Pierce JM Jr: characterization of a transitional cell carcinoma

line arising from a previously irradiated tumor, (Radiology), 156: 286, 1985

Pontes JE; Ohe H; Watanabe H; et al: transrectal ultrasonography of the prostate, (Radiology), 153: 872, 1984

Pontifex G See Kalovidouris A
Ponto JA: fetal dosimetry from pulmonary imaging in pregnancy: revised estimates, (Clin Nucl Med), 11: 108, 1986

Poole CA See Frank JL Poon PY See Henkelman RM Poon PY See Li KC Poon PY See Mah K

Poon PY See Mah K
Poon PY: magnetic resonance imaging of the prostate, (Semin US CT MR), 7: 298, 1986
Poon PY; Bronskill MJ; Henkelman RM; et al: magnetic resonance imaging of the mediastinum, (J Canad Assoc Radiol), 37: 173,

Poon PY; McCallum RW; Henkelman RM; Bronskill MJ; Sutcliffe SB; Jewett MAS; Rider WD; Bruce AW: magnetic resonance imaging of the prostate, (Radiology), 154: 143, 1985

Poor MA; Alberti L Jr; Griscom NT; et al: nonskeletal malformations in one of three siblings with Jarcho-Levin syndrome of vertebral anomalies, (Radiology), 151: 823, 1984 Poot RD: medulloepithelioma: first CT images, (Neuroradiol), 28: 286, 1986

(Neuroradiol), 28: 286, 1986

Poots JK; Johnston KW; Cobbold RSC; et al:
comparison of CW Doppler ultrasound spectra
with the spectra derived from a flow
visualization model, (Ultrasound Med Biol), 12:
125, 1986

Pop T See Kasper W Pope CE II See Velasco N

Pope CF See Gore JC
 Pope CF; See Gore JC
 Pope CF; Gore JC; Sostman HD; et al: diffuse fatty infiltration of the liver by magnetic resonance, (Magn Res Imag), 4: 267, 1986
 Pope CF; Sostman HD: radioisotope labeled platelets in medical diagnosis, (Invest Radiol), 21: 611, 1986

Pope DL; Parker DL; Clayton PD; Gustafson DE: left ventricular border recognition using a dynamic search algorithm, (Radiology), 155: 513, 1985

O1.5, 1985
Plope TL Jr See de Lange EE
Pope TL Jr See de Lange EE
Pope TL Jr: See Nunley WC Jr
Pope TL Jr: medical student education: practical
approach to radiology, (Invest Radiol), 21: 592,
1986

Pope TL Jr; Fechner RE; Keats TE: case report 367, (Skeletal Radiol), 15: 327, 1986 Pope TL Jr; Shaffer H: small bowel xanthomatosis: radiologic-pathologic correlation, (AJR), 144: 1215, 1985

1213, 1985
Popky GL See Faerber EN
Popky GL See Swartz JD
Popky GL; Saluk PH; Griska LB; et al: comparison
of superior vena cava and antecubital vein as
DSA injection site, (AJR), 143: 317, 1984

DSA Injection site, (AJK), 143: 317, 1984
Popli MK See Mathur SP
Popovic S See Rudan N
Popovich J See Pearlberg JL
Popp L; Lueken RP; Muller-Holve W; et al:
endosonography in gynecology: preliminary
experience, (Radiology), 151: 275, 1984
POR PL See Theracter.

Popp RL See Takamoto T Poppe E See Vermund H Porcellini B See Becker CD Porcellini B See Marincek B Pordell GR See Edwards MG Pories WJ See Lannin DR Porras M See Servo A

Portas M See Servo A
Port RB See Karoll MP
Port SC See Gal R
Portela LA: sonography of the normal and abnormal
intact lumbar spinal canal, (AJNR), 5: 791, 1984
Portela LA: sonography of the normal and abnormal
intact lumbar spinal canal, (AJR), 144: 386, 1985
Porter AR; Tristan TA; Rudy FR; et al: florid
reactive periostitis of the phalanges, (AJR), 144:
617, 1985

Porter BA; Shields AF; Olson DO: magnetic resonance imaging of bone marrow disorders, (Radiol Clin North Am), 24: 269, 1986 Porter DH See Crivello MS

Porter DK See Quinn DL Porter K See Andrew TA

Porter K See Andrew 1A Porter WC; Dees SM; Freitas JE; et al: acid-citrate-dextrose compared with heparin in the preparation of in vitro/in vivo technetium-99m red blood cells, (Radiology), 151: 836, 1984

Portha C See Bonneville J-F Portha C See Dietemann JL Portlock CS See Todd MB
Posalaky IP See Wasserman NF
Poser H See Luska G Posin JP See Feinberg DA Posin JP See Ortendahl DA

Posin JP See Ortendahl DA

Posin JP; Arakawa M; Crooks LE; Feinberg DA;
Hoenninger JC; Watts JC; Mills CM;
Kaufman L: hydrogen MR imaging of the head
at 0.35 T and 0.7 T: effects of magnetic field.
strength, (Radiology), 157: 679, 1985
Posin JP; Ortendahl DA; Hylton NM; Kaufman L;
Watts JC; Crooks LE; Mills CM: variable
magnetic resonance imaging parameters: effect
on pathologic size and conspicuity, (Radiology),
155: 719, 1985

Poskit KJ; Cooperberg PL; Sullivan LD: sonography and CT in staging nonseminomatous testicular tumors, (AJR), 144: 939, 1985

Posmituck G See Zorba J Posniak HV See Demos TC Posniak HV See Love L

Posniak HV Sec Love L
Post JD See Whelan MA
Post MJD See Quencer RM
Post MJD; Curless RG; Gregorios JB; et al:
reactivation of congenital cytomegalic inclusion
disease in an infant with HTLV-III associated
immunodeficiency: CT-pathologic correlation,
(JCAT), 10: 533, 1986

Post MJD; Hensley GT; Moskowitz LB; et al: cytomegalic inclusion virus encephalitis in patients with AIDS: CT, clinical, and pathologic correlation, (AJNR), 7: 275, 1985

correlation, (AJNR), 7: 275, 1985
Post MJD; Hensley GT; Moskowitz LB; et al:
cytomegalic inclusion virus encephalitis in
patients with AIDS: CT, clinical, and pathologic
correlation, (AJR), 146: 1229, 1986
Post MJD; Kursunoglu SJ; Hensley GT; et al:
cranial CT in acquired immunodeficiency
syndrome: spectrum of diseases and optimal
contrast enhancement technique, (AJNR), 6:
743 1985

743, 1985

Post MJD; Mendez DR; Kline LB; et al: metastatic disease to the carvernous sinus: clinical syndrome and CT diagnosis, (JCAT), 9: 115, 1985 Post MJD; Quencer RM; Green BA; et al: radiologic

evaluation of spinal cord fissures, (AJNR), 7: 329 1986

329, 1986
Post MJD; Sheldon JJ; Hensley GT; Soila KP;
Tobias JA; Chan JC; Quencer RM;
Moskowitz LB: central nervous system disease
in acquired immunodeficiency syndrome:
prospective correlation using CT. MR imaging,
and pathologic studies, (Radiology), 158: 141,
1986

Poster R See Listinsky JJ Posteraro RH See Hirsch G Postlethwait RW See Halvorsen RA Jr Postma D; Fry TL; Malenbaum BT: nose, minor salivary glands and sarcoidosis, (Radiology), 152: 858, 1984

Postma DS See Wallenborn PA

Postma MP; Smith R: scrotal cystocele with bladder calculi (case report), (AJR), 147: 287, 1986 Potish RA See Levitt SH

Potish RA; Gerbi BJ: role of point A in the era of computerized dosimetry, (Radiology), 158: 827, 1986

Potter AJ Jr; Khatib G; Peppard SB: intranasal glomus tumor, (Radiology), 156: 569, 1985 Potter BM See Shapiro SR

Potter D See Pass HI Potter JL See de Ruiz M Potter JL See Dornbluth NC Potter JL See Flournoy JG

Potter JL See Lecklitrer ML

Potter JL; Sullivan BM; Flournoy JG; Gerza C:
emphysema in the renal allograft, (Radiology),
155: 51, 1985

Potter T; McClain CJ; Shaffer RB: effects of fasting

auter 1; McClain CJ; Shaffer RB: effects of fasting and parenteral alimentation on PIPIDA scintigraphy, (Radiology), 150: 870, 1984 Potts JR III; Henderson JM; Millikan WJ Jr; et al: restoration of portal venous perfusion and reversal of encephalopathy by balloon occlusion of portal systemic shunt, (Radiology), 156: 562, 1985

Pottuz GJ See Martin N Poulsen HS See Nielsen NSM Pouplard F See De Bray J-M Pourquier H See Dobois JB Poussin-Rosillo H See Salazar OM Pow-Anpongkul S See Yiengpruksawan A Powell DE See Stelling CB Powell JB II: nasolacrimal dysfunction, (Radiology),

150; 863, 1984 190: 803, 1704
Powell MC; Buckley J; Worthington BS; et al: magnetic resonance imaging and hydatidiform mole, (Br J Radiol), 59: 561, 1986

Powell RW See McSweeney MB Powell-Tuck J; McIvor J; Reynolds KW; et al: prediction of early death after therapeutic hepatic arterial embolisation, (Radiology), 154: 272, 1985

Power RLB See Simons MA

Powers MA; Askin FB; Cresson DH: pulmonary eosinophilic granuloma: 25 year follow-up, (Radiology), 153: 559, 1984

(Kadiology), 153: 559, 1984
Powers SK See Gooding GAW
Powers SK; Norman D; Edwards MSB:
computerized tomography of peripheral nerve
lesions, (Radiology), 152: 262, 1984
Powers T See Levine RS

Powers TA See Ertzner TW Powers TA; Haher TR; Devlin VJ; et al: abnormalities of the spine in relation to congenital upper limb deficiencies, (Radiology), 151: 549, 1984

Powles RL See Depledge M Poynonen L; Lenko HL: ultrasound in congenital hypothyreosis, (Radiology), 155: 854, 1985 Poznanski AK See Fernbach SK

Poznanski AK See Glass RBJ Poznanski AK See Marn CS

Poznanski AK See Schlesinger AE
Poznanski AK See Stoskopf CA
Poznanski AK Fernbach 5K; Barry TE: bone
changes from prostaglandin therapy,
(Radiology, 157: 853, 1985
Poznanski AK; Gartman S: pattern profile

comparisons: differences and similarities, (Radiology), 153: 568, 1984

Pozniak M; Petasnick JP; Matalon TAS; Bayard WJ: computed tomography in the differential diagnosis of pelvic and extrapelvic disease, (Radiographics), 5: 587, 1985 Pozniak MA Sec Cullenward MJ Pozzi-Mucelli RS See Dalla-Palma L

Pozzi-Mucelli RS See Richardson ML Pradel I See Parienty RA

Prager P. Hoevels J; Georgi M: digital subtraction angiography in the preoperative evaluation of patients with a renal tumor, (Radiology), 154: 559, 1985

559, 1985

Prager PJ: differential diagnosis and radiological work-up bilateral lateral atlantoaxial offset, (Radiology), 152: 551, 1984

Prager P; et al See Strauss LG

Prakash R; Jena A; Behari V; et al: intrahepatic bile leak producing delayed accumulation of technetium-99m DISIDA in an amebic liver abscess, (Clin Nucl Med), 11: 360, 1986

abscess, (Clin Nucl Med), 11: 360, 1986

Prakash R; Lakshmipathi N; Jena A; et al:
hyperthyroidism caused by a toxic intrathoracic
goiter with a normal-sized cervical thyroid
gland, (J Nucl Med), 27: 1423, 1986

Prasad J See Bhushan B

Prasad J See Bhushan B
Prasad PJ See Katariya S
Prasad SC; Ames TE; Howard TB; Bassano DA;
Chung CT; King GA; Sagerman RH: dose
enhancement in bone in electron beam therapy,
(Radiology), 151: 513, 1984
Prat X See Lamarque JL
Prato FS See Lamis NK
Prato FS See Lawis CF

Prato FS See Lewis CE
Prato FS See Ossenkopp K-P
Prato FS, Drost DJ; Keys T; et al: optimization of
signal-to-noise ratio in calculated T<sub>1</sub> images
derived from two spin-echo images, (Magn Res
Med), 3: 63, 1986

Pratt CB See Parham DM Pratt PC See Effmann EL Pratt PC See Foster WL Jr Pratt T See Crean PA

Prait J See Crean PA
Prein J See Remagen W
Preminger GM; Clayman RV; Hardeman SW; et al:
percutaneous nephrostolithotomy vs open
surgery for renal calculi. comparative study,
(Radiology), 158: 281, 1986

Prempree T; Amornmarn R: radiation management of squamous cell carcinoma of the bladder, (Radiology), 155: 558, 1985

Prempree T; Amornmarn R: radiation treatment of primary carcinoma of the vagina, (Radiology), 158: 576, 1986

Prempree T; Cox EF; Sewchand W; et al: cholangiocarcinoma. a place for brachytherapy, (Radiology), 154: 286, 1985 Presbrey T See Whaley D Present D See Bertoni F

Present D See Bertoni F Enneking WF: case report 348, (Skeletal Radiol), 15: 82, 1986 Present DA; Bertoni F; Enneking WF: case report 348, (Skeletal Radiol), 15: 236, 1986 Present DA; Bertoni F; Hudson T; et al; correlation

between the radiologic staging studies and histopathologic findings in aggressive stage 3 giant cell tumor of bone, (Radiology), 160: 285, 1986

Press GA; Glazer HS; Wasserman TH; Aronberg DJ; Lee JKT; Sagel SS: thoracic wall involvement by Hodgkin disease and non-Hodgkin lymphoma: CT evaluation, (Radiology), 157: 195, 1985 Press GA; McClennan BL; Melson GL; et al:

papillary renal cell carcinoma: CT and sonographic evaluation, (AJR), 143: 1005, 1984

Press W-R See Weinmann H-J
Pressman BD; Mink JH; Turner RM; et al: low-dose
metrizamide spinal computed tomography in
outpatients. (JCAT). 10: 817, 1986
Presthus J See Amundsen P

Preston BJ See Szypryt P
Preston DF See Templeton AW
Preston DF See Wilcox DM
Preston PG See Fraser GM

Preston PR See Rushton DI Preston RC: measurement and characterisation of bio-medical ultrasonic fields: summary of the London Meeting on Ultrasound Standards, 5 July 1985, (Ultrasound Med Biol), 12: 706, 1986

Preston RC: overview of the AIUM/NEMA standard and the draft IEC standard for ultrasound exposure measurements, (Ultrasound Med Biol), 12: 680, 1986

Pretorius DH See Dennis MA Pretorius DH See Kumpe DA Pretorius DH See Lince DM Pretorius DH See Lipman SP Pretorius DH See Nelson TR

Pretorius DH See Russ PD Pretorius DH; Davis K; Manco-Johnson ML; et al: clinical course of fetal hydrocephalus: 40 cas (AJNR), 6: 23, 1985

Pretorius DH; Davis K; Manco-Johnson ML; et al: clinical course of fetal hydrocephalus: 40 cases, (AJR), 144: 827, 1985

Pretorius DH; Drose JA; Manco-Johnson ML: fetal lateral ventricular ratio determination during the second trimester, (J Ultrasound Med), 5: 121,

Pretorius DH; Nelson TR; Johnson ML: fetal age estimation by ultrasound: the impact of measurement errors, (Radiology), 152: 763, 1984 Pretorius DH; Rumack CM; Manco-Johnson ML; Manchester D; Meier P; Bramble J; Clewell W:

specific skeletal dysplasias in utero: sonographic diagnosis, (Radiology), 159: 237, 1986 Prevost WJ See McArdle CB

Prey N See Stoeter P
Preziosi P; Fariello G; Maiorana A; et al: antenatal sonographic diagnosis of complicated ovarian cysts, (JCU), 14: 196, 1986 Price A See Wilkins RA

Price AC See Diggs J Price AC See Kulkarni MV Price AC See Runge VM Price HC See Pillsbury HC Price HI See Lee KR

Price HI See Templeton AW
Price HI; Batnitzky S; Levine E; Rosenthal SJ:
computed tomographic findings in benign
disease of the vertebral column,

(Radiographics), 4: 283, 1984 Price MJ See Smoker WRK Price RB See Berkman WA Price RB See Bernardino ME Price RB See Bernardino M Price RB See Martin LG Price RR See James AE Jr Price RR See Kulkarni MV Price RR See Partain CL Pridie RB See Qureshi SA

Pridmore BR: role of ultrasound in the management of twin pregnancies, (Radiology), 158: 862, 1986 Prien EL See Newhouse JH

Priest GR See Alberts WM
Priest GR See Alberts WM
Priestman SG See Priestman TJ
Priestman TJ: Priestman SG: initial evaluation of
nabilone in the control of radiotherapy-induced
nausea and vomiting, (Radiology), 154: 863,
1985

Primiano FP Jr; Nussbaum E; Hirschfield SS; et al:

Primiano FP Jr, Nussbaum E; Hirschfield SS; et a early echocardiographic and pulmonary function findings in idiopathic scoliosis, (Radiology), 15fi: 549, 1984 Princenthal RA See Rigsby CM Princenthal RA See vanSonnenberg E Pring DJ; Henderson RC; Keshavarzian A; et al: indium-granulocyte scanning in the painful prosthetic joint, (AJR), 147: 167, 1986

Pringle JAS See Joannides T Pringle KC See Renfrew DL Pringot J; Goncette L; Ponette E; Boverie J; Navez J-P; Anslot P; Mahieu P; Bodart P: nonstenotic ulcers of the small bowel, (Radiographics), 4:

357, 1984 Prinz RA See Aranha GV

Pritchard DJ See Kaiser TE Pritchard DJ See Zimmer WD

Pritchard DJ See Zimmer WD
Pritzker HA See Rifkin MD
Probst F See McCorkell SJ
Probst P; Baur HR; Leupi F; et al: postoperative
evaluation of composite aortic grafts:
comparison of angiography and CT,
(Radiology), 152: 252.0, 1984
Probst P; Mahler F; Roesler H; et al: renal artery

stenois and evaluation of the effect of endoluminal dilatation: comparison of dynamic CT scanning and I-131-OHA renogram, (Radiology), 150: 855, 1984

Proctor E See Gadian DG Proctor E See Helms CA Prodromos CC See Turner DA Proesmans WC See Marchal GJF Profitt D See Ginsburg R Prohm P See Greiner I

Proimos BS See Engler MJ
Prosmanne O; Chalaoui J; Sylvestre JJ; et al: small
nodular pattern in the lungs due to
opportunistic toxoplasmosis, (Radiology), 155:
270, 1985

Prosnitz LR See Fulkerson WJ Prost R See Haughton VM Proto AV See Micklos TJ Proto AV See Pomeranz SJ Proto AV See Zerhouni EA

Proto AV: evaluation of the bronchi with CT, (Semin Roentgenol), 19: 199, 1984 Proto AV; Chaliff MI: apical opacity: normal

Froto Av; Labiti Mt. apical opacity: normal finding on posteroanterior chest radiographs, (Radiology), 161: 429, 1986

Proto AV; Merhar GL: central bronchial displacement with large posterior pleural collections, findings on the lateral chest radiograph and CT scans, (Radiology), 155: 270, 1985

Proto AV; Rost RC Jr: CT of the thorax: pitfalls in interpretation. (Radiographics), 5: 693, 1985

Proto AV; Thomas SR: pulmonary nodules studied by computed tomography. (Radiology), 156: 149, 1985

Proto MH See Rapoport S Proukakis C See Georgiou E Provisor A See Baker M Provisor AJ See Cohen MD Pruitt RC See Buzze SM Pruitt RC See Buzney SM Pruvo J See Lesoin F Pruzansky S See Mafee MF Pryde A See King PM Pryor DB See Frankel N Pryor RJ See Daves ML Prytherch DR See Baker AR

Prytherch DR See Baker AR

Przybojewski JZ: recurrent coronary artery spasm in
the billowing mitral leaflet syndrome (primary
mitral valve prolapse). a case report and review
of the literature, (Radiology), 155: 271, 1985

Przybojewski JZ; Weich HFH: percutaneous
transluminal coronary angioplasty, a review of
the literature, (Radiology), 152: 846, 1984

Ptasznik J; Jones B; Polga JP: obstruction of the
third portion of the duodenum, (Australas
Radiol), 30: 19, 1986

Puzzunski M See Demos TC

Radiol), 30: 19, 1986
Puczynski M See Demos TC
Puczynski MS; Demos TC; Suarez CR: sinus
histiocytosis with massive lymphadenopathy:
skeletal involvement, (Radiology), 157: 570,
1985

Pudlowski RM See Schlesinger AE
Puech JL; Song MY; Rousseau H; et al: recurrent
pheochromocytoma: intrarenal and pulmonary
spread, (Urol Radiol), 8: 49, 1986

Pueschel SM; Herndon JH; Gelch MM; et al: symptomatic atlantoaxial subluxation in persons with Down syndrome, (Radiology), 155: 856,

Pugatch RD See Daly BD Jr

Pugh Tt; Fitch 55: invasive gastric candidiasis, (Pediatr Radiol), 16: 67, 1986 Puglisi B5; Kauffman HM; Stewart ET; et al: colonic perforation in renal transplant patients, (AJR), 145: 555, 1986

MH; Chin-Sang HB; Rubenstein JD: false normal bone imaging in spinal tuberculosis, (Clin Nucl Med), 11: 245, 1986

(Clin Nucl Med), 11: 245, 1986 Puigbo JJ See Acquatella H Puigbo JJ See Arreaza N Puijlaert CBAJ; Mali WPTM; Rosenbusch G; van Straalen AM; Klinge J; Feldberg MAM: delayed rupture of renal artery after renal

delayed rupture of renal artery after renal percutaneous transluminal angioplasty, (Radiology), 159: 635, 1986 Puleo S See Swartz JD Pullen P See Chakera TMH Pullicino P; Wilbur DC; Levy RJ; et al: infarction in a meningioma after cardiac arrest, (Radiology), 151: 551, 1984

151: 551, 1984
Punzi L See Corbetti F
Pupols AZ; Wilson SR: ultrasonographic
interpretation of the physiological changes in
the female pelvis, (Radiology), 153: 859, 1984
Pupop P See Belgrano E
Pupop P; Belgrano E; Quattrini S; et al: treatment of
priapism by transcatheter embolization of
internal pudendal arteries, (Radiology), 152:
253, 1984

253, 1984
Puranik A See Sagerman RH
Purdy JA See Keys RA
Purohit DM See Pappu LD
Purohit GS See Bellinger MF
Pusey E; Lufkin RB; Brown RKJ; Solomon MA;
Stark DD; Tarr RW; Hanafee WN: magnetic
resonance imaging artifacts: mechanism and
clinical significance, (Radiographics), 6: 891,
1986.

Pusey EJ See Brown RKJ
Puthawala AA; Syed AMN; Sheikh KMA;
Gowdy RA; McNamara CS: combined external
and interstitial irradiation in the treatment of

and interstitial irradiation in the treatment of stage III breast cancer, (Radiology), 153: 813, 1984

Putman CE See Apple JS

Putman CE See Chen JTT

Putman CE See Foster WL Jr

Putman CE See Halvorsen RA

Putman CE See Martinez S

Putman CE See Tarver RD

Putman CE See Tarver RD

Putman CE; Godwin JD; Silverman PM; et al: CT of localized lucent lung lesions, (Semin Roentgenol), 19: 173, 1984 Putnam SF See Adams HP Jr

Putnam SF See Adams HP Jr
Putois J See Railhac JJ
Putong PB See Levy DW
Puvaneswary M; Afzal M: angiographic
appearances of islet cell tumours of the
pancreas, (Radiology), 158: 858, 1986
Puylaert JBCM: acute appendictis: US evaluation
using graded compression, (Radiology), 158:
355, 1986
Puylaert IBCM: measures and the second se

Puylaert JBCM: mesenteric adenitis and acute

Puylaert JBCM: mesenteric adentits and acute terminal lietits: US evaluation using graded compression, (Radiology), 161: 691, 1986 Pyatt RS See Hartman DS Pyatt RS See Quinn MJ Pykett IL See Rosen BR Pylyser K See Marchal GJF

Pyron CL; Segal AJ: air embolism: a potential complication of retrograde pyelography, (Radiology), 151: 260, 1984 Pysher TJ See Fleming JC

Q

Qasim M: systemic radiation and split-course radiotherapy for non-small-cell bronchial carcinoma, (Clin Radiol), 37: 51, 1986

Qazi QH See Krasnow N Qiang-de N See Ru-bin C Qin D: new needle for puncture biopsy, (AJR), 147: 543, 1986

543, 1986
(Jin D; Yang Z; Hu Y; et al: multiple-hole needle for puncture biopsy. an analysis of 420 cases, (Radiology), 153: 848, 1984
Quaife MA See Williams SM
Quartararo L See Hoffer PB

Quartey GRC See Llewellyn G Quattrini S See Belgrano E Quattrini S See Puppo P Quattrini S see Puppo P Quattromani FL See Campbell JB Quencer RM See Montalvo BM Quencer RM See Post MJD Quencer RM See Schlesinger AE

Quencer RM See Taylor SB
Quencer RM; El Gammal T; Cohen G:
syringomyelia associated with intradural
extramedullary masses of the spinal canal,
(AJNR), 7: 143, 1986

(AJNR), 7: 143, 1986
Quencer RM; Montalvo BM: normal intraoperative spinal sonography, (AJNR), 5: 501, 1984
Quencer RM; Montalvo BM: normal intraoperative spinal sonography, (AJR), 143: 1301, 1984
Quencer RM; Montalvo BM: time requirements for intraoperative neurosonography, (AJNR), 7: 155, 1986

Quencer RM; Montalvo BM; Eismont FJ; et al: Quencer RM; Montalvo BM; Eismont FJ; et al: intraoperative spinal sonography in thoracic and lumbar fractures: evaluation of Harrington rod instrumentation, (A)RN, 6: 353, 1985 Quencer RM; Montalvo BM; Green BA; et al: intraoperative spinal sonography of soft-tissue masses of the spinal cord and spinal canal, (A)NR), 5: 507, 1984

encer RM; Montalvo BM; Green BA; et al: intraoperative spinal sonography of soft-tissue masses of the spinal cord and spinal canal, (AJR), 143: 1307, 1984 encer RM; Morse BMM; Green BA; et al:

intraoperative spinal sonegraphy: adjunct to metrizamide CT in the assessment and surgical decompression of posttraumatic spinal cord cysts, (AJNR), 5: 71, 1984

cysts, (A)NN, 5: 71, 1984 Quencer RM; Sheldon JJ; Post MJD; et al: magnetic resonance imaging of the chronically injured cervical spinal cord, (AJNR), 7: 457, 1986 Quenville NF See Burhenne HJ

Quero J See Gilsanz V Quigley MM: in vitro fertilization 1986: new

Quigley MM: in vitro fertilization 1986: new procedures and new questions, (Invest Radiol), 21: 503, 1986 Quilty PM; Duncan W: primary radical radiotherapy for T3 transitional cell cancer of the bladder: analysis of survival and control, (Int J Radiat Oncol Biol Phys), 12: 853, 1986

Quilty PM; Duncan W: radiotherapy for squamous carcinoma of the urinary bladder, (Int J Radiat Oncol Biol Phys), 12: 861, 1986

Quimby CW Jr See James AE Jr Quin RO See Vallance R

Quin RO See Vallance R
Quinn DL See Jackson CV
Quinn DL, Ostrow LB, Porter DK; et al: staging of
non-small cell bronchogenic carcinoma:
relationship of the clinical evaluation to organ
scans, (Radiology), 160: 572, 1986
Quinn MF See Lundell CJ
Quinn MJ; Hartman DS; Friedman AC;
Sherman JL; Lautin EM; Pyatt RS; Ho CK;
Csere R; Fromowitz FB: renal oncocytoma: new
observations, (Radiology), 153: 49, 1984
Quinn MJ; Meilstrup JW; Nealey P; sonographic
appearance of an inflatable penile prosthesis, (J
Ultrasound Med), 4: 567, 1985
Quinn SF See vanSonneberg E

Ultrasound Med), 4: 567, 1985
Quinn SF; Dyer R; Smathers R; Glass T; Wright E;
Roberts C; Burke J; Argenbright J: balloon
dilatation of the prostatic urethra. work in
progress, (Radiology), 157: 57, 1985
Quinn SF; Erickson S; Black WC: cystic ovarian
teratomas: sonographic appearance of the
dermoid plug, (Radiology), 157: 477, 1985
Quinn SF; Erickson S; Oshman D; et al: lobar
collapse iwth respiratory syncytial virus
pneumonitis, (Radiology), 157: 569, 1985
Quinn SF; Gosink BB: characteristic sonographic
signs of hepatic fatty infiltration, (AJR), 145:
753, 1985
Quinn SF; vanSonnenberg E; Casola G; Wittich GR

Quinn 5F; vanSonnenberg E; Casola G; Wittich GR; Neff CC: interventional radiology in the spleen, (Radiology), 161: 289, 1986

Ouinnell RC: Stockdale HR: flexion and extension radiography of the lumbar spine: a comparison with lumbar discography, (Radiology), 151: 545, 1984

Quinones MA See Limacher MC
Quinones-Baldrich WJ; Moore WS: asymptomatic
carotid stenosis: rationale for management,
(Radiology), 157: 283, 1985
Quint LE See Glazer GM

Quint LE; Glazer GM: CT evaluation of the bile ducts in patients with fatty liver, (Radiology), 153: 755, 1984

Quint LE; Glazer M; Orringer MB: esophageal imaging by MR and CT: study of normal anatomy and neoplasms, (Radiology), 156: 727,

Quint LE; Glazer GM; Orringer MB; et al: mediastinal lymph node detection and sizing at CT and autopsy, (AJR), 147: 469, 1986

Quint LE; Glazer GM; Orringer MB; Gross BH: esophageal carcinoma: CT findings, (Radiology), 155: 171, 1985

esophageal carcinoma: CT findings, (Radiology), 155: 171, 1985

Quintanar E See Ambriz R

Quisling RG See Coffey R

Quisling RG See Hawkins J

Quisling RG See Lotz PR

Quisling RG See Virapongse C

Quisling RG See Virapongse C

Quisling RG See (P) Ballinger WE; et al:
histopathologic analysis of intraarterial
polyvinyl alcohol microemboli in rat cerebral
cortex, (A]NR), 5: 101, 1984

Quisling RG; Mickle JP; Ballinger WB Jr; et al:
histopathologic analysis of intraarterial
polyvinyl alcohol microemboli in rat creebral
cortex, (Radiology), 154: 855, 1985

Quisling RG; Mickle JP; Ballinger WB Jr; et al:
histopathologic analysis of intraarterial
polyvinyl alcohol microemboli in rat creebral
cortex, (Radiology), 154: 855, 1985

Quisling RG; Mickle JP; Ballinger WB Jr; latex
vascular occlusion balloons: histopathologic
evaluation in a high-flow aortocaval fistula
model, (A]NR), 6: 583, 1985

Qureshi SA; Pridie RB; Parnell B; et al: visual versus
computerized assessment of left ventricular
function from cineangiography, (Radiology),
152: 250, 1984

R

Ra JB See Hilal SK Ra JB; Hilal SK; Cho ZH: method for *in vivo* MR

ra j B; Hilai SK; Cho ZH: method for in vivo MR imaging of the short T<sub>2</sub> component of sodium-23, (Magn Res Med), 3: 296, 1986

Ra JB; Hilai SK; Cho ZH; et al: quadrature-multiplexed rf excitation for information doubling in NMR imaging, (Magn Res Med), 3: 105, 1986

105, 1986

Raabe R See Bedont R

Raasch BN; Heitzman ER; Carsky EW; Lane EJ;

Berlow ME; Witwer G: computed tomographic study of bronchopulmonary collapse, (Radiographics), 4: 195, 1984

Raaschou HO See Hegedus V

Rabast U: simultaneous endoscopic and radiologic examination of the colon, (Gastrointest Radiol), 11, 127, 1994

11: 247, 1986
Rabbani R See Beierwaltes WH
Rabbani R See Lynn MD
Rabe E See Hadley GP

Rabe E See Rowe DM
Rabin DN See Ramsey RG
Rabinov K; Kell T Jr; Gordon PH: CT of the salivary glands, (Radiol Clin North Am), 22: 145, 1984
Rabinovitch M See Burrows PE

Rabinovitch M See Burrows P; Babinovitch Ma; Kalff V; Koral K; Chan W; Juni JE; Lerman B: Lampman R; Walton J; Grassley D; Vogel R; Pitt B; Thrall JH: count-based left ventricular volume determination utilizing a left posterior oblique view for attenuation correction, (Radiology), 150: 813, 1064

Rabinowitz JG See Cohen BA Rabinowitz JG See Yeh H-C Rabinowitz JG; Cohen BA; Mendelson DS: pulmonary ligament, (Radiol Clin North Am), 22: 659, 1984

22: 659, 1984

Rabinowitz R See Goske MJ

Rabinowitz R See Wood BP

Rabinowitz SA; McKusick KA; Strauss HW: Tc-99m
red blood cell scintigraphy in evaluating focal
liver lesions, (AJR), 143: 63, 1984

Rabkin I; Ovtchinnikov V; Judin A: computed
tomographic evaluation of morphological and
functional condition of left ventricle in heart
aneurysm, (Eur J Radiol), 6: 15, 1986

Raby N: Meire H: duodenal haematoma mimicking

Raby N; Meire H: duodenal haematoma mimicking traumatic pancreatic pseudocyst, (Br J Radiol), 59: 279, 1986

Rackson ME See Naidich IB Racle A See Weill FS Racoveanu NT See Cockshott WP Radecki PD See Ball DS Radecki PD See Harvey GD Radecki PD See Herman SD Radecki PD See Hilpert PL Radecki PD See Ziskin MC

Radecki PD See Ziskin MC
Radecki PD, Arger PH; Arenson RL; Jennings AS;
Coleman BG; Mintz MC; Kressel HY: thyroid
imaging: comparison of high-resolution realtime ultrasound and computed tomography,
(Radiology), 153: 145, 1984
Radeke HW See Jaeger N
Radin DR See Ralls PW
Radin DR; Colletti PM; Forrester DM; Tang WW:

Radin DR; Colletti PM; Forrester DM; Lang WW: pancreatic acinar cell carcinoma with subcutaneous and intraosseous fat necrosis, (Radiology), 158: 67, 1986 Radin DR; Fortgang KC; Zee C-S; et al: turcot syndrome: a case with spinal cord and colonic neoplasms, (AJR), 142: 475, 1984

neoplasms, (AJR), 142: 475, 1984
Radin DR; Halls JM: cecal volvulus: complication of colonoscopy, (Gastrointest Radiol), 11: 110, 1986
Radin DR; Ralls FW; Boswell WD Jr; et al: pheochromocytoma: detection by unenhanced CT, (AJR), 146: 741, 1986
Radin DR; Ray MJ; Halls JM: strangulated diaphragmatic hernia with pneumothorax due to colopleural fistula. (AJR), 146: 321, 1986

Radin DR; Ray MJ; Harrison E; et al: CT demonstration of ovarian varices, (JCAT), 10: 361, 1986

Radin DR; Santiago EM: cholecystoduodenal fistula due to pancreatic carcinoma: CT diagnosis, (JCAT), 10: 149, 1986

Radin DR; Siskind BN; Alpert S; et al: small-bowel varices due to mesenteric metastasis (Gastrointest Radiol), 11: 183, 1986

(Gastrointest Radiol), 11: 183, 1986
Radin DR, Vachon LA: CT findings in biliary and pancreatic ascariasis, (JCAT), 10: 508, 1986
Radkowski MA See Merten DF
Radkowski MA See Naidich TP
Radkowski MA See Sabau MN
Radkowski MA See Schey WL

Radovanovic N See Ernst A
Radwine LS; Winders RE: single renal artery

Radwine LS; Winders RE: single renal artery aneurysm measuring 10 cm. in diameter, (Radiology), 152: 844, 1984
Raeth U; Schlaps D; Limberg B; et al: diagnostic accuracy of computerized B-scan texture analysis and conventional ultrasonography in diffuse parenchymal and malignant liver disease, (Radiology), 158: 287, 1986
Raffensperger JG; Gonzalez-Crussi F; Skeehan T: mesenchymal hamartoma of the liver, (Radiology), 152: 851, 1984
Rafii M See Firooznia H
Rafii M See Golimbu C

Rafii M See Golimbu C Rafii M See Kramer EL

Rafii M; Firooznia H; Golimbu C; et al: computed tomography of tibial plateau fractures, (AJR), 142: 1181, 1984

142: 1181, 1984

Rafii M; Firooznia H; Golimbu C; et al: computed tomography of traumatic serosanguineous cysts, (Radiology, 152: 561, 1984

Rafii M; Firooznia H; Golimbu C; et al: CT arthrography of capsular structures of the shoulder, (A)R), 146: 361, 1986

shoulder, (A)R), 146: 361, 1986
Rafii M; Firooznia H; Golimbu C; McCauley DI:
hematogenous osteomyelitis with fat-fluid level
shown by CT, (Radiology), 153: 493, 1984
Raghavendra BN See Goy AMC
Raghavendra BN See Hilton S
Raghavendra BN See bilton BR
Raghavendra BN; Epstein FJ; sonography of the
spine and spinal cord, (Radiol Clin North Am),
23: 91, 1985

Raghavendra BN; Epstein FJ; McCleary L: intramedullary spinal cord tumors in children: localization by intraoperative sonography, (A)NR). 5: 395, 1984

Raghavendra BN; Horii SC; Hilton S; et al: deep venous thrombosis: detection by probe compression of veins, (J Ultrasound Med), 5: 89, 1986

Raghavendra BN; Rosen RJ; Lam S; Riles T; Horii SC: deep venous thrombosis: detection by high-resolution real-time ultrasonography, (Radiology), 152: 789, 1984

Ragosin RJ See Noto AM Ragozzino MW; Breckle R; Hill LM; Gray JE: average fetal depth in utero: data for estimation of fetal absorbed radiation dose, (Radiology), 158: 513, 1986

Ragsdale CG See Hensinger RN Rahamani R See Solomon A

Rahamani R See Solomon A
Rahatzad MT See Breatnach ES
Rahatzad MT; Adamson D: pictorial essay of pelvic
and abdominal masses seen during pregnancy,
(JCU), 14: 255, 1986
Rahmani MR See Fong KW
Rahmani MR; Fong KW; Connor TP: varied
sonographic appearance of cystic hygromas in
utero, (J Ultrasound Med), 5: 165, 1986
Rahmani MR; Zaley AH, autenztal detection of

Rahmani MR; Zalev AH: antenatal detection of esophageal atresia with distal tracheoesophageal fistula, (JCU), 14: 143, 1986

Raichle ME See Fox PT

Raiker RV See Wilkins SA Ir

Railhac JJ; Putois J: trial of iopamidol for opaque arthrography, (Radiology), 152: 845, 1984 Raimondi S See Hessler C

Raisanen J; Shapiro B; Glazer GM; et al: plasma catecholamines in pheochromocytoma: effect of urographic contrast media, (AJR), 143: 43, 1984

Raiss GJ; Bree RL; Schwab RE; et al: further observations in the ultrasound evaluation of renal allograft rejection, (J Ultrasound Med), 5:

Rajani M; Mukhopadhyay S; Maheshwari R; et al: cine-fluororadiographic evaluation of the Bjorb Shiley prosthesis—serial post-operative follow up in 400 patients, (Australas Radiol), 30: 13, 1986

Raji MR See Dastur KJ Raji MR See Dross PE Rakhit G See Adam A

Raleigh JA See Urtasun RC

Raleigh JA. See Urtasun RC
Raleigh JA.; Franko AJ; Treiber EO; et al: covalent
binding of a fluorinated 2-nitroimidazole to
EMT-6 tumors in BALB/C mice: detection by F19 nuclear magnetic resonance at 2.35 T, (Int J
Radiat Oncol Biol Phys), 12: 1243, 1986
Ralls PW See Colletti PM
Ralls PW See Colletti PM
Ralls PW See Einstein DM

Ralls PW See Radin DR Ralls PW See Remedios PA Ralls PW See Sargent EN

Ralls PW Searakos JA; Skinner DG; Boswell WD Jr; Radin DR; Colletti PM; Halls JM: imaging of the Kock continent ileal urinary reservoir, (Radiology), 161: 477, 1986

Ralls PW; Colletti PM; Boswell WD Jr; et al: right upper quadrant pain, (Clin Diagn Ultrasound), 14: 1, 1984

14: 1. 1984

Ralls PW; Colletti PM; Lapin SA; Chandrasoma P;
Boswell WD Jr; Ngo C; Radin DR; Halls JM:
real-time sonography in suspected acute
cholecystitis: prospective evaluation of primary
and secondary signs, (Radiology), 155: 767, 1985

Ralls PW; Johnson MB; Kanel G; Dobalian DM;
Colletti PM; Boswell WD Jr; Radin DR;
Halls JM: FM sonography in diffuse liver
disease: prospective assessment and blinded
analysis, (Radiology), 161: 451, 1986

Ralston M See Clarke-Pearson DL

Ralston MD: Wilkinson RH Ir; bilateral

Raiston M See Clarke-Fearson DL Raiston MD; Wilkinson RH Jr: bilateral urinothorax identified by technetium-99m DPTA renal imaging, (J Nucl Med), 27: 56, 1986 Ram MD See Lee AW

Ramamurthy BS See Mallikarjunaiah GS

Ramanathan K See Yaghoobian J: Ramanathan K, Epstein S; Yaghoobian J: localized deposition of Wharton's jelly: sonographic findings, (J Ultrasound Med.), 5: 339, 1986 manathan K; Yaghoobian J; Pinck RL: sperm granuloma, (JCU), 14: 155, 1986

Ramanna L See Alderson PO Ramanna L See Brachman MB

Ramanna L See Stein MG Ramanna L; Alderson PO; Waxman AD; et al: regional comparison of technetium-99m DTPA aerosol and radioactive gas ventilation (xenon and krypton) studies in patients with suspected pulmonary embolism, (J Nucl Med), 27: 1391,

nanna L; Moser L: regional function in a kidney with duplex collecting system, (Clin Nucl Med), 11: 53, 1986

ni: 35, 1960 nchandani P; Soulen RL; Fedullo LM; Gaines VD: deep vein thrombosis: significant limitations of noninvasive tests, (Radiology), 156: 47, 1985

Ramdial K See Shweni PM Ramey SL See Hamlin DJ

Ramey SL; Williams JL: nephrolithiasis and cholelithiasis in a premature infant, (JCU), 14: 203 1986

Ramilo JL See Rosenblum J

Ramirez H Jr; Bennett WF; Peters V: CT diagnosis of hernia through iliac bone-graft donor site, (JCAT), 9: 411, 1985

(ICAI), 7: 411, 1969
mirez H Jr; Blatt ES; Cable HF; McComb BL;
Zornoza J; Hibri NS: intraosseous
pneumatocysts of the ilium: findings on
radiographs and CT scans, (Radiology), 150: 503,

Ramirez JV See Bonilla-Musoles F Ramirez R See Magill HL

Ramirez RE: sonographic recognition of lissencephaly (agyria), (A)NR), 5: 830, 1984 Ramirez RE; Glasier C; Kirks D; Shackelford GD; Locey M: pulmonary hemorrhage associated with systemic lupus erythematosus in children, (Radiology), 152: 409, 1984

os A See Gilsanz V Ramos A; Castello J; Sartoris DJ; Greenway GD; Resnick D; Haghighi P: osseous lipoma: CT appearance, (Radiology), 157: 615, 1985

Ramos EC See Engelstad BL Ramos JR; Sigel B; Machi J; et al: effect of extreme acid and alkali changes upon the echogenicity of blood, (J Ultrasound Med), 4: 513, 1985

or blood, (J Ultrasound Med), 4: 513, 1985

"Standard Registry of Corzel JA; Maloney TR; et al:
severe systemic reaction to diphosphonate bone
imaging agents: skin testing to predict allergic
response and a safe alternative agent, (J Nucl
Med), 27: 1432, 1986

Rams A See Gomez A
Ramsdale DR; Bragher EB; Bray CL; et al: smoking
and coronary artery disease assessed by routine
coronary arteriography, (Radiology), 156: 561,
1985

Ramsewak W See Millward SF Ramsewak W; Millward SF; Toi A; et al: CT guided percutaneous decompression of a rectal duplication cyst in a child, (J Canad Assoc Radiol), 37: 46, 1986

Ramsey DE See Konrad HR

Ramsey RG; Penn RD: computed tomography of a false postoperative meningocele, (AJNR), 5: 326, 1984

Ramsey RG; Rabin DN: removal of water-soluble

namsey RG, Rabin DN: removal of water-soluble contrast media after cervical myelography using cervical injection, (AJNR), 7: 141, 1986 Ramsey RG, Zacharias CE: MR imaging of the spine after radiation therapy: easily recognizable effects, (AJNR), 6: 247, 1985 Ranawat CS See Steinbach LS

Ranawat CS See Steinbach LS
Rand LG See Frager DH
Randall RV See Emory TH
Randhawa V See Stewart F
Rang M See Bayne O
Rankin AN See Merchant RN
Rankin RN See D'Alotto C
Rankin RN See D'Alotto C
Rankin RN See Doin JE
Rannikko SJ See Vatnitskij SM
Ranson JHC See Balthazar EJ
Rao AK; Rao VM; Willis J; Beckett C; Steiner RM:
inhibition of platelet function by contrast
media: iopamidol and ioxaglate versus
iothalamate. work in progress, (Radiology), 156:
311, 1985
Rao AKR See Solti-Bohman LG

Ran AKR See Solti-Rohman LG

Kao AKR See Solti-Bohman LG
 Aso AS; Vigorita VI: pigmented villonodular synovitis (giant-cell tumor of the tendon sheath and synovial membrane): a review of eighty-one cases, (Radiology), 152: 843, 1984
 Rob BK; Brodell CK; Haaga JR; et al: visceral CT findings associated with Thorotrast, (JCAT), 10: 57, 1986

87, 1986
Rao BR See Syke HW
Rao CC See Cohen MD
Rao CR See Lipinksi JK
Rao DV See Mittal B

Rao GR See Kart BH Rao GR See Reddy SC Rao KCVG See Arora S Rao KCVG See Mirvis S

Rao KCVG; Chiantella NM; Arora S; et al: intracranial venous aneurysms: vein of galen and other similar vascular anomalies, (Radiology), 152: 556, 1984 Rao KS; Hyde I: case reports. digital lesions in non-accidental injuries in children, (Radiology), 153: 851, 1984

Rao MG See Hu K-N

Rao MG See Hu K-N

Rao S; Solomon N; Miller S; et al: scintigraphic differentiation of bone infarction from osteomyelitis in children with sickle cell disease, (Radiology), 159: 576, 1986

Rao SA; Knobel J; Collier BD; et al: effect of Sn(II) ion concentration and heparin on technetium-99m red blood cell labeling, (J Nucl Med), 27: 1202, 1986

Rao TKS See Schaffer DM

Rao TKS See Schaffer RM Rao VM See Lev-Toaff AS Rao VM See Mitchell DG Rao VM See Nino-Murcia M Rao VM See Rao AK Rao VM See Som PM

Rao VM See Som PM
Rao VM See Wang Y
Rao VM; Dalinka MK; Mitchell DG; Spritzer CE;
Kaplan F; August CS; Aze L; Kressel HY:
osteopetrosis: MR characteristics at 1.5 T,
(Radiology), 16i: 217, 1986
Rao VM; Fishman M; Mitchell DG; Steiner RM;
Ballas SK; Axel L; Dalinka MK; Gefter WB;
Kressel HY; painful sickle cell crisis: bone
marrow patterns observed with MR imaging,
(Radiology), 16i: 211, 1986
Raper SE See Goldman IS
Rapoport S See Morse SS
Rapoport S See Morse SS
Rapoport S See Sniderman KW

Rappoport 5 See Moise SS
Rapoport 5 See Sniderman KW
Rapoport 5 See Sostman HD
Rapoport 5; Glickman MG; Salomon JC; et al:
aggressive postoperative pharmacotherapy for
vascular compromise of replanted digits, (AJR),
144: 1065, 1985

Rapoport S; Sniderman KW; Morse SS; Proto MH; Ross GR: pseudoaneurysm: complication of faulty technique in femoral arterial puncture, (Radiology), 154: 529, 1985

Rappaport EB; Fife D: slipped capital femoral epiphysis in growth hormone-deficient patients. (Radiology). 157: 570, 1985
Rappaport M See Mink JH
Rappaport M See Mink JH
Rappaport ZH See Gomori JM
Rappaport ZH See Gomori JM
Rappaport ZH See Applbaum YN
Rappaport See Applbaum YN
Rappaport See Applbaum YN
Raptopoulos V See Kleinman PK
Raptopoulos V See Reuter KL
Raptopoulos V See Reuter KL
Raptopoulos V; Compton CC; Doherty P; et al:
chronic acalculous gallbladder disease:
multimaging evaluation with clinicalpathologic correlation, (AJR), 147: 721, 1986
Raptopoulos V; Karellas A: diagnostic ultrasoundprinciples, instrumentation, and exercises. 2d
ed. (Radiology), 157: 312, 1985
Raptopoulos V; Kleinman PK; Marks S Jr;
Snyder M; Silverman PM: renal fascial
pathway: posterior extension of pancreatic
effusions within the anterior pararenal space,
(Radiology), 158: 367, 1986
Raptopoulos V; Smith EH; Cummings T; et al: bileduct dilatation after laparotomy: potential effect
of intestinal hypomotility, (AJR), 147: 729, 1986
Raptopoulos VD: ultrasound annual 1982,
(Radiology), 151: 170, 1984
Rasband RW See Goin DW
Rascoe RR See Coscina WF
Rasey JS; Hoffman JM; Spence AM; et al: hypoxia
mediated binding of misonidazole in nonmalignant tissue, (Int J Radiat Oncol Biol Phys),
12: 1255, 1986
Rashleigh-Belcher HJC; Russell RCG; Lees WR:
cutaneous seeding of pancreatic carcinoma by Rashleigh-Belcher HJC; Russell RCG; Lees WR: cutaneous seeding of pancreatic carcinoma by fine-needle aspiration biopsy, (Br J Radiol), 59: 182, 1986 182, 1986

Rasmussen F; Larsen C; Justesen P: fallopian tube
patency demonstrated at ultrasonography, (Acta
Radiol [Diagn]), 27: 61, 1986

Rasmussen O5; Secrup A: preoperative
radiographically guided wire marking of
nonpalpable breast lesions, (Radiology), 154:
559, 1985 Rasouli F See Mafee MF Rastogi SC; Barraclough BM: skull radiology in patients with psychiatric illness, (Radiology), 152: 256, 1984 Ratan J See Lelcuk S
Ratcheson RA See Mapstone TB
Ratcliff S See Krebs CA Ratcliff S See Krebs CA
Ratcliffe GE See Nistet AP
Ratcliffe GE; Cooke S; Fogelman I; et al:
radioiodine treatment of solitary functioning
thyroid nodules, (Br J Radiol), 59; 385, 1986
Ratcliffe JF: use of low osmolality water soluble
(LOWS) contrast media in the pediatric gastrointestinal tract: report of 115 examinations,
(Pediatr Radiol), 16: 47, 1986
Rath M; Castro L; Schuler M; et al: digital
subtraction angiography in the diagnosis of
arterial complications after renal
ransplantation, (Radiology), 154: 559, 1985
Ratib O See Schwaiger M Ratib O See Schwaiger M Ratliff AHC See Buirski G Ratliff NB See Baetz-Greenwalt B Ratner AV See Pohost GM Ratner IA See Smith VC Ratnofsky S See Doubilet PM Ratnofsky S See McNeil BJ Rattner Z See Wu RK Rau WS See Wenz W Rauch RE See Enterline DS Rauch RF See Adams GW Rauch RF; Silverman PM; Korobkin M; et al: Rauch RF; Silverman PM; Korobkin M; et al:
computed tomography of benign angiomatous
lesions of the extremities, (JCAT), 8: 1143, 1984
Rauf GC See Silberstein EB
Rausch HP; Hanefeld F; Kaufmann HJ: medullary
nephrocalcinosis and pancreatic calcifications
demonstrated by ultrasound and CT in infants
after treatment with ACTH, (Radiology), 153:
105, 1984
Rauschkolb EN; Keen SJ; Patel S: high-dose
computed tomography in the evaluation of low
attenuation lesions in the neck, (Radiology),
150: 865, 1984
Rauschmeir H; Hofstadter F; Jakse G: amyloidosis 150: 865, 1984

Rauschmeier H; Hofstadter F; Jakse G: amyloidosis of the renal pelvis with ossification, (Radiology), 152: 550, 1984

Rauschning W See Hannigan BD

Rauschning W See Holliday J

Rauschning W See Holliday J

Rauschning W See Holliday J

Rauschning W See Reicher MA

Raute-Kreinsen U See Hoevels J

Raute-Mreinsen U See Hoevels J

Raute Akreinsen U See Hoevels J

Raute B See Ball J T

Raval B See Hall J T

Raval B See Hall J T

Raval B See Lamki N

Raval B See Lamki N

Raval B See Mirich D Raval B See Mirich D
Raval B See Wycoco D
Raval B; Hall JT; Jackson H: CT diagnosis of fluid in

of inferior

Raval B; Lamki N: computed tomography in detection of occult hypernephroma, (Radiology), 156: 296, 1984
Raval B; Lamki N: computed tomography of the traumatized abdomen, (Semin US CT MR), 6: 109, 1985
Raveh J See Terrier F
Ravenel D See Stanley JH
Ravetto C See Solbiati L
Ravich WJ See Hamilton SR
Ravid M See Tadmor R
Ravin CE See Baum S
Ravin CE See Chen IIT Reddy ER: changes in heart size and volume in certain endocrinal and nutritional deficiency diseases. a correlative study in twenty adult patients, (Radiology), 153: 560, 1984
Reddy KR See Russell E
Reddy P See Coleman CC
Reddy P See Coleman CC
Reddy P See Hulbert JC
Reddy PK See Hulbert JC
Reddy PK See Hulbert HPREddy PK See Lange PH
Reddy PK See Lange PH
Reddy PK See Mercado S
Reddy PK Hulbert JC Lange PH: et al: Reddy PK; Hulbert JC; Lange PH; et al: percutaneous removal of renal and ureteral calculi: experience with 400 cases, (Radiology), 158: 859, 1986 Ravin CE See Baum S
Ravin CE See Chen JTT
Ravin CE See Chiles C
Ravin CE See Hertzberg BS
Ravin CE See Johnson GA
Ravin CE See Honson GA
Ravin CE See Steiner RM
Ravin CE See Steiner RM
Ravin CE: case for a clinical year prior to radiology
residency, (Invest Radiol), 21: 287, 1986
Ravinovici R, Rivkind A; Lebensart PD; et al:
ultrasonographic diagnosis of vesical leakage in
a renal transplant recipient, (Urol Radiol), 8:
112, 1986 Reddy PK; Lange PH; Hulbert JC; et al:
percutaneous removal of caliceal and other
"inaccessible" stones: results, (Radiology), 155:
852, 1985
Reddy SC See Kart BH
Reddy SC; See Kart BH
Reddy SC; See Muder RR
Reddy SC; Vijayamohan G; Rao GR: delayed CT
myelography in spinal intramedullary
metastasis, (ICAT), 8: 1182, 1984
Redington RW See Bilaniuk LT
Redington RW See Bottomley PA
Redlund-Johnell I: costoclavicular joint, (Skeletal
Radiol), 15: 25, 1986
Redlund-Johnell I: atlanto-occipital dislocation in
rheumatoid arthritis, (Radiology), 155: 273, 1985
Redman HC See Chen JM
Redman HC See Weinreb JC Reddy PK; Lange PH; Hulbert JC; et al: a tens to the control of the following and the control of the cont 112, 1986 Redman HC See Cohen JM
Redman HC: set Weinreb JC
Redman HC: art and some practical aspects of
abstract writing, (Radiology), 158: 270, 1986
Redman JF; Jimenez JF; Golladay ES; et al:
megacystis-microcolon-intestinal
hypoperistalisis syndrome: case report and
review of the literature, (Radiology), 154: 562, carcinoma of the female breast, (Radiology).
564, 1984
Ray MJ See England AC III
Ray MJ See Radin DR
Ray RD See Harris JH Jr
Raybaud CH See Tardy G
Raymakers JA; Hoekstra O; van Putten J; et al:
fracture prevalence and bone mineral mass
osteoporosis measured with computed
tomography and dall energy photon 1985 Redman JF; Seibert JI: role of excretory urography Redman Jr; Seibert JJ: Tole of excretory urography in the evaluation of girls with urinary tract infection, (Radiology), 156: 275, 1985 Redmond C: orthopaedic positioning in diagnostic radiology, (Radiology), 153: 348, 1984 Redmond C: skeletal radiology, (Radiology), 160: 452, 1986 osteoporosis measured with computed tomography and dual energy photon absorptiometry, (Skeletal Radiol), 15: 191, 1986 Raymon BC See Vitek JJ Raymond J; Dumas J-M: intraarticular facet block: diagnosit cets or therapeutic procedure?, (Radiology), 151: 333, 1984 Raymond J; Dumas J-M; Lisbona R: nuclear imaging as a screening test for patients referred for intraarticular facet block, (Radiology), 155: 558, 1985 452, 1986
Redmond J III See Chapman GS
Redmond J III; Spring DB; Munderloh SH; et al:
spinal computed tomography scanning in the
evaluation of metastatic disease, (Radiology),
154: 856, 1985 154: 856, 1985
Recce EA See Romero R
Recce IJ; Cooley DA; Frazier OH; et al: cardiac tumors: clinical spectrum and prognosis of lesions other than classical benign myxoma in 20 patients, (Radiology). 156: 263, 1985
Reed D; Robertson WD; Graeb DA; et al: acute subdural hematomas: atypical CT findings, (AJNR), 7: 417, 1986
Reed D; Robertson WD; Rootman J; et al: plexiform neurofibromatosis of the orbit: CT evaluation, (AJNR), 7: 259, 1986 558, 1985
Raynaud A See Pernes JM
Raynaud A; Bedrossian J; Remy P; et al:
percutaneous transluminal angioplasty of renal
transplant arterial stenoses, (AJR), 146: 853, 1986
Raz I; Siegal T: CNS involvement by non-Hodgkin's
lymphoma: response to a standard therapeutic
protocol, (Radiology), 156: 276, 1985
Raz S See Kaufman JJ
Razavi F See Gaston A
Razquin S See Nistal M
Read G See Pointon RS
Read G: treatment of ependymoma of the brain or 558, 1985 Read G: Read G: treatment of ependymoma of the brain or spinal canal by radiotherapy: a report of 79 cases, (Radiology), 135: 575, 1984 Read GS; Robertson AG; Blair V: radiotherapy in seminoma of the testes, (Radiology), 151: 564, 1984 Reed HT See Nelson AW Reed KD See Sullivan WT Reed KL; Sahn DJ: proposal for referral patterns for fetal cardiac studies, (Semin US CT MR), 5: 249, Reed LD; Abbas S; Markivee CR; et al: neurosarcoidosis responding to steroids, (AJR), 146: 819, 1986 1984
Read NW See Youle MS
Read RC See Williamson MR
Reading CC See Edmonson GR
Reading CC; Charboneau JW; James EM; et al:
postoperative parathyroid high-frequency
sonography: evaluation of persistent or
recurrent hyperparathyroidism, (AJR), 144: 399, Reed M See Yakes WF Reed MH See Rogalsky RJ Reed TP See Fischer ME Reed TP See Fischer ME
Reed WP, Haney PJ; Elias EG; et al: ethiodized oil
emulsion enhanced computerized tomography
in the preoperative assessment of metastases to
the liver from the colon and rectum,
(Radiology). 160: 572, 1986
Reede D See Braun IF eagan K; Beckmann CF; Larsen CR; et al: renal infarction: computerized tomographic appearance with angiographic correlation, (Radiology), 155: 284, 1985
Reale F See Reuter KL
Reardon CE See Vento JA
Reavy HJ See Peters AM
Rebibo G See Vanel D
Rebner M; Gebarski SS: magnetic resonance imaging of spinal-cord hemangioblastoma, (AJNR), 6: 287, 1985
Rebner M; Ruggieri PM; Gross BH; et al: CT evaluation of intracholeystic bile, (AJR), 145: 237, 1985
Rebold B See Tejani N Reede D See Braun II Reede DL See Cohen JP Reede DL See Som PM Reede DL See Whelan MA Reede DL Bergeron RT: cervical tuberculous adentis: CT manifestations, (Radiology), 154: 701 1985 Reede DL; Bergeron RT: CT evaluation of the normal and diseased neck, (Semin US CT MR), 7: 181 1986 237, 1985
Rebold B See Tejani N
Recht MP See Kessler HB
Recklier JM See Auh YH
Reckling FW See DeSmet AA
Red DE See Fischer ME
Reda EF; Lebowitz Rt.: traumatic ureteropelvic
disruption in the child, (Pediatr Radiol), 16: 164,

lesser sac mimicking thrombosis vena cava, (JCAT), 9: 956, 1985

Rees GJG: mechanism of total body irradiation in lymphoma, (Radiology), 150: 872, 1984 Rees GJG; Ross CMD: abscopal regression following radiotherapy for adenocarcinoma, (Radiology), 151: 279, 1984 Rees MR See MacWillan RM

Rees MR See MacMillan RM
Rees MR; Feiring AJ; Rumberger JA;
MacMillan RM; Clark DL: heart evaluation by
cine CT: use of two new oblique views,
(Radiology), 159: 805, 1986
Rees MR; MacMillan RM; Flicker S; et al: rapidacquisition computed tomography
demonstration of chronic calcified pericardial

acquisition computed tomography demonstration of chronic calcified pericardial constriction, (CT), 10: 183, 1986

Reese DF See Harner SG
Reese DF See Jack CR Jr
Reese MS See Al-Mefty O
Regadera J See Nistal M
Regan CDJ See Buzney SM
Regelmann WE See Sirr SA
Regenbogen VS; Ghahremani GG; Zabrowski
RJ; et al: Burkit's lymphoma of the stomach, (Radiology), 156: 281, 1985

Regenbogen VS; Rogers LF; Atlas SW; et al: cervical spinal cord injuries in patients with cervical spinal cord injuries (AJR), 146: 277, 1986

Reger R See De Vries LS
Regli F See Bogousslavsky J
Rego JD Jr; Laing FC; Jeffrey RB Jr: ultrasonographic diagnosis of medullary cystic disease. (Radiology), 152: 867, 1984

Rehm S See Modic MT
Rehm SR See Stelling CB
Rehr RB; Malloy CR; Filipchuk NG; Peshock RM: left ventricular volumes measured by MR imaging, (Radiology), 156: 717, 1985

Reich E See Hammermaier A
Reich SB; Weinshelbaum A; Yee J: correlation of radiographic measurements and pulmonary disease. (AJR), 144: 695, 1985

Reichek N See Choyke PL
Reichelt A See Wenz W

Reichek N See Choyke PL Reichelt A See Wenz W Reichen J See Lusk LB Reicher M See Holliday J Reicher M See Lufkin RB

Reicher M See LUKIN RB Reicher MA; Bassett LW; Gold RH: high-resolution magnetic resonance imaging of the knee joint: pathologic correlations. (AJR). 145: 903, 1985 Reicher MA; Bentson JR; Halbach VV; et al: pneumosinus dilatans of the sphenoid sinus, (AJNR), 7: 865, 1986

(AJNR), 7: 865, 1986
Reicher MA; Halbach VV; Bentson JR; et al: pushup view: superior cross-table lateral projection
for cervical myelography, (AJNR), 7: 899, 1986
Reicher MA; Hartzman 5; Duckwiller GR;
Bassett LW; Anderson LJ; Gold RH: meniscal
injuries: detection using MR imaging,
(Radiology), 159: 753, 1986
Reicher MA; Lufkin RB; Smith S; et al: multipleangle, variable-interval, nonorthogonal MRI,
(AJR), 147: 363, 1986

Reicher MA; Rauschning W; Gold RH; et al: high-resolution magnetic resonance imaging of the knee joint: normal anatomy, (AJR), 145: 895,

Rice Sent See Dwyer AJ
Reichert CM See Shawker TH
Reid BS See Gilsanz V
Reid BS See Miller JH
Reid BS See Miller JH
Reid BS See Stanley P
Reid CL See Chandraratna PAN
Reid CL See Elkayam U
Reid CL; Kawanishi DT; McKay CR; et al: accuracy
of evaluation of the presence and severity of
aortic and mitral regurgitation by contrast 2dimensional echocardiography, (Radiology),
152: 563, 1984 152: 563, 1984

152: 563, 1984

Reid CL; McKay CR; Kawanishi DT; et al: false aneurysm of mitral-aortic intervalvular fibrosa: diagnosis by 2-dimensional contrast echocardiography at cardiac catheterization, (Radiology), 151: 557, 1984

Reid MH See Hunter V

Reid MH: laryngeal carcinoma: high-resolution computed tomography and thick anatomic sections, (Radiology), 151: 689, 1984

Reid MH: medical images and displays: comparisons of nuclear magnetic resonance, ultrasound, x-rays and other modalities, (Radiology), 154: 406, 1985

Reid MH; Dublin AB: QUAC: a modest proposal for opitmal use of CT scanning equipment, (AJR), 142: 845, 1984

Reid MH; Dublin AB: simultaneous anthropomorphic projections, (AJR), 144: 861, 1985

1985
Reid PJ See Lurie AL
Reid RE See Laor E
Reid RH See Amundson GM
Reid WD See Kintanar C
Reider F See Doehring E
Reider-Grosswasser I See Kendall BE
Reider-Grosswasser I; Solomon A; Zikk D; et al:
computerized tomography in conditions
concomitantly involving the orbits and the
paranasal sinuses, (Comput Radiol), 10: 119,
1986

Reider-Grosswasser I See Catz A Reidy JF See Gedroyc WMW Reif L See Lawson TL Reif LJ See Alpern MB Reifsteck JE See Liu G-C

Reibleck Jr. See Liu G-C Reik L Jr. Grunnet ML; Spencer RP; et al: granulomatous angiitis presenting as chronic meningitis and ventriculitis, (Radiology), 152: 854, 1984

Reiley MA See Silverman FN
Reilly BJ See Hewitt IK
Reilly BJ See Robey G
Reilly JJ See Tibansky DP
Reilly MK See Becker GJ
Reiman HM See Weekes RG
Reiman TAH; Siegel MJ; Shackelford GD: Wilms
tumor in children: abdominal CT and US
evaluation. (Radiology), 160: 501, 1986
Reinartz H; Meissner G: calcifications in keloid,
(Radiology), 157: 858, 1985
Reinarz S; Smith WL; Franken EA Jr; et al: splenic
flexure volvulus: complication of

flexure volvulus: complication of pseudoobstruction in infancy, (AJR), 145: 1303, 1985 Reinbold W-D; Genant HK; Reiser UJ; Harris ST;

nbold W-D; Genant HR; Keiser U; Harns 51 Ettinger B: bone mineral content in early-postmenopausal and postmenopausal osteoporotic women: comparison of measurement methods, (Radiology), 160: 469, 1986

1986
Reiners C See Becker W
Reiners C See Berger E
Reinfuss M See Skolyszewski J
Reinhardt ER See Mueller E
Reinhold C See Fisher MR
Reinhold C See Frisher MR
Reinhold C See Engelstad BL
Reinhold CE See Engelstad BL
Reinhold CE See Terrier F
Reinie IW See Eang MA Reinhold CE See Terrier F
Reinig JW See Fang MA
Reinig JW See Fink IJ
Reinig JW See Hill SC
Reinig JW See Hill SC
Reinig JW See Miller DL
Reinig JW See Young JWR
Reinig JW, Doppman JL; Dwyer AJ; et al:
distinction between adrenal adenomas and
metastases using MR imaging, (JCAT), 9: 898,
1985

Reinig JW; Doppman JL; Dwyer AJ; et al: MRI of indeterminate adrenal masses, (AJR), 147: 493,

Reinig JW; Doppman JL; Dwyer AJ; Johnson AR; Knop RH: adrenal masses differentiated by MR, (Radiology), 158: 81, 1986 Reinig JW; Dorwart RH; Roden WC: MR imaging of a ruptured Achilles tendon, (JCAT), 9: 1131,

Physics (1985) Reinig JW; Gordon L; Frey D; Garrick E; Daniel WT III: glomerular filtration rate in transplantation patients: estimation of renal function using Tc-99m DTPA, (Radiology), 156: 505, 1985

505, 1985 Reinig JW; Hill SC; Fang M; Marini J; Zasloff MA: fibrodysplasia ossificans progressiva: CT appearance, (Radiology), 159: 153, 1986 Reinig JW; Sanchez FW; Vujic I: hemodynamics of

appearance, (Radiology), 159: 153, 1986
Reinig JW; Sanchez FW; Vujic I: hemodynamics of portal blood flow shown by CT portography: work in progress, (Radiology), 154: 473, 1985
Reinig JW; Stanley JH; sonographic hepatization of the galibladder: a cause of nonvisualization of the galibladder in control of the galibladder of the control of the galibladder of the galibladder

Reiser M; Rupp N; Biehl T; et al: MR in the diagnosis of bone tumors, (Radiology), 158: 569, 1986

Reiser M; Rupp N; Heller HJ; et al: MR in the diagnosis of malignant soft tissue tumors, (Radiology), 156: 862, 1985 Reiser UJ See Reinbold W-D

Reisman S; Maddahi J; Van Train K; et al: quantitation of extent, depth, and severity of planar thallium defects in patients undergoing exercise thallium-201 scintigraphy, (J Nucl Med), 27: 1273, 1986

Reisz GR; Gammon RS: toxic pneumonitis from mixing household cleaners, (Radiology), 160: 572, 1986 Reitelman C See Sawczuk IS

Reiter AA; Huhta JC; Carpenter RJ Jr; et al: prenatal diagnosis of arteriovenous malformation of the vein of Galen, (JCU), 14: 623. 1986

623, 1986
Reiter J See Hoevels J
Reither M; Schumacher R; Klingmuller V:
sonographic diagnosis of abdominal tun
children, (Radiology), 152: 255, 1984
Reizine D See George B
Reizine D See Laredo J-D
Reizine D See Melki JP

Reizine D See Melki JP Reizine D; Laouiti M; Guimaraens L; et al: vertebral arteriovenous fistulas: clinical presentation, angiographic appearance and endovascular treatment. a review of twenty-five cases, (Radiology), 159: 574, 1986 Relly JH See Fried MP

Relman AS: dealing with conflicts of interest, (Radiology), 153: 576, 1984 Remagen W See Nidecker AC

Remagen W; Nidecker A; Dolanc B: case report 368, (Skeletal Radiol), 15: 330, 1986

Remagen W; Nidecker A; Prein J: case report 359, (Skeletal Radiol), 15: 251, 1986 Remedios PA; Colletti PM; Ralls PW: hepatic

Remedios PA; Colletti PM; Ralls PW: hepatic amebic abscess: cholescintigraphic rim enhancement, (Radiology), 160: 395, 1986 Remley KB; Cubberley DA; Watanabe AS; et al: systemic absorption of gallbladder sclerosing agents in the rabbit: preliminary study, (Invest Radiol), 21: 396, 1986

Remond A See Braillon A Remond A See Capron J-P nd H Remond A See Deramo Remy J See Jardin M

Remy J; Lemaitre L; Lafitte JJ; et al: massive hemoptysis of pulmonary arterial origin: diagnosis and treatment, (AJR), 143: 963, 1984

Remy P See Raynaud A Ren J-F See DePace NL

Reneman RS; van Merode T; Hick P; et al: age-related changes in carotid artery wall properties in men, (Ultrasound Med Biol), 12: 465, 1986

neman R5, van Merode T; Hick P; et al: cardiovascular applications of multi-gate pulsed Doppler systems, (Ultrasound Med Biol), 12: 357, 1986

Renfrew DL; Smith WL; Pringle KC: per anal balloon dilatation of a post-necrotizing enterocolitis stricture of the sigmoid colon, (Pediatr Radiol), 16: 320, 1986

Renfro B See Slovis TL Renigers SA; Michael AS; Bardawil WA; et al: sonographic findings in leiomyomatosis peritonealis disseminata: case report and literature review, (J Ultrasound Med), 4: 497, 1985

Reniger D See Hirsch l Rennard SI See Crystal RG Renner W See Plattner G Renoy P See Jeanty P

Renshaw PF; Haselgrove JC; Bolinger L; et al: relaxation and imaging of lithium in vivo, (Magn Res Imag), 4: 193, 1986

Renshaw PF; Owen CS; Evans AE; et al: immunospecific NMR contrast agents, (Magn Res Imag), 4: 351, 1986 Renshaw PF; Owen CS; McLaughlin AC; et al:

ferromagnetic contrast agents: new approach, (Magn Res Med), 3: 217, 1986 Renton P See Belli A

Renton P See Belli A Renzoni SA; Convery FR; Ashburn W; et al: intraoperative osteoscintigraphy as an aid to bone biopsy, (Clin Nucl Med), 11: 619, 1986 Repka MX; Miller NR: pseudotumor cerebri, (Radiology), 157: 859, 1985 Repse S See Gadzijev E

Requardt H See Huber DJ Res JCJ See van der Wall EE Resende CMC See Wyly JB Resnek RH See Pollen JJ Resnick D See Alazraki N Resnick D See Bielecki DK Resnick D See Bjorkengren AG Resnick D See Cone RO III Resnick D See Deutsch AL Resnick D See Guerra J Jr

Resnick D See Kaplan PA Resnick D See Kerr R Resnick D See Kursunoglu S Resnick D See Monsees B

Resnick D See Pate D Resnick D See Polansky A

Resnick D See Ramos A Resnick D See Resnik CS Resnick D See Sartoris DJ Resnick D See Scheible WF

Resnick D See Teng MMH Resnick D: annual oration: degenerative diseases of the vertebral column, (Radiology), 156: 3, 1985 Resnick D: case report 240: fibrodysplasia ossificans progressiva (FOP): radiological and gross pathological abnormalities in a macerated cadaver, (Radiology), 153: 553, 1984

Resnick D: radiographic features of osteoarthropathy, (Radiology), 157: 553, 1985

Resnick D: skeletal metastatic disease, its articular manifestations, (Radiology), 157: 566, 1985

Resnick D: talar ridges, osteophytes, and beaks: a radiologic commentary, (Radiology), 151: 329, 1984

Resnick D; Andre M; Kerr R; et al: digital

Resnick D; Andre M; Kerr R; et al: digital arthrography of the wrist: a radiographic-pathologic investigation, (AJR), 142: 1187, 1984 Resnick D; Cone RO III: nature of humeral pseudocysts, (Radiology), 150: 27, 1984 Resnick D; Cone RO III: pathological fractures in rheumatoid arthritis: sites and mechanisms, (Radiographics), 4: 549, 1984 Resnick D; Birded C; Lusztokel, involvement in

Resnick D: Pineda CI: vertebral involvement in calcium pyrophosphate dihydrate crystal deposition disease: radiographic-pathological correlation, (Radiology), 153: 55, 1984

Resnick D; Pineda CJ; Trudell D: widespread osteonecrosis of the foot in systemic lupus erythematosus: radiographic and gross pathologic correlation, (Radiology), **157**: 568, 1985

Resnick D; Pineda CJ; Weisman MH; et al: osteomyelitis and septic arthritis of the hand following human bites, (Radiology), 159: 572,

Resnick D; Polansky AD: hyoid bone elevation: sign of tracheal transection: reply, (Radiology), 158: 564, 1986

Resnick MI See Spirnak JP Resnick MI; Kursh ED; Cohen AM: use of computerized tomography in the delineation of uric acid calculi, (Radiology), 153: 279, 1984

Resnik CS See Bundrick TJ Resnik CS See Deutsch Al Resnik CS See Sanders KM Resnik CS See Sartoris DJ

Resnik CS See Sartoris DJ
Resnik CS; Deutsch AL; Resnick D; Mink JH;
Berman JL; Cone RO III; Danzig L; Guerra J Jr:
arthrotomography of the shoulder,
(Radiographics), 4: 963, 1984
Resnik CS; Fratkin MJ; Cardea JA:
arthroscintigraphic evaluation of the painful
total hip prosthesis, (Clin Nucl Med), 11: 242,

Resnik CS; Grizzard JD; Simmons BP; et al: incomplete carpal coalition, (AJR), 147: 301, 1986

Resnik CS; Hartenberg MA: ossification centers of the pediatric elbow: rare normal variant, (Pediatr Radiol), 16: 254, 1986

(Fediatr Radiol), 16: 294, 1986

Resnik CS; Lininger JR: monostotic fibrous
dysplasia of the cervical spine: case report,
(Radiology), 151: 49, 1984

Resnik CS; Steffe JW; Wang SE: case report 353,
(Skeletal Radiol), 15: 175, 1986

Resser KJ See Friedman MA

Ressler CJ See Block RW Restrepo A See Sugar AM Restrepo G See Salimi Z Retik A See Barth RA

Retik AB See Burbige KA
Retrum RK; Wepfer JF; Olen DW; et al: case report
355, (Skeletal Radiol), 15: 185, 1986

Rettenmaier G See Eberle F Rettenmaier G See Seitz K Rettig PJ See Stutman HR Rettinger G See Kalender WA

Reuter KL; Daly D: ultrasonic monitoring under local anesthesia during removal of an embedded intrauterine contraceptive device, (JCU), 14: 68,

Reuter KL; D'Orsi CJ; Raptopoulos V; et al: imaging of questionable and unusual pelvic masses, (Br J Radiol), 59: 765, 1986

Reuter KL; D'Orsi CJ; Reale F: intracystic carcinoma of the breast: the role of ultrasonography, (Radiology), 153: 233, 1984

Reuter SR See Baum S Reuter SR See Palmaz JC Reuter SR See Sibbitt RR

Reuter SR: manpower, entrepreneurs, and antitrust, (Radiology), 153: 549, 1984 Revel D See McNamara MT

Revel D See Terrier F

Revel D See Terrier F Revel D; Brasch RC; Paajanen H; Rosenau W; Grodd W; Engelstad B; Fox P; Winkelhake J: Gd-DTPA contrast enhancement and tissue differentiation in MR imaging of experimental breast carcinoma, (Radiology), 158: 319, 1986 Revel D; Higgins CB: magnetic resonance imaging of ischemic heart disease, (Radiol Clin North Am), 23: 719, 1985

Revert R See Braillon A

Revesz G: conspicuity and uncertainty in radiographic detection of lesions, (Radiology), 154: 625, 1985

Revesz L See Edgren MR Revzani L See Heater K

Rev DK; Lehman GA; Lappas JC; Miller RE: sensitivity of double-contrast barium study for left-colon polyps, (Radiology), 158: 69, 1986 Reyes BL See Krithivas G

Reyes J See Katz JF

Reyes PF; Conzalez CF; Zalewska MK; et al: intracranial calcification in adults with chronic lead exposure, (AJNR), 6: 905, 1985 Reyes S See Stutman HR

Reygaerts DO See Claes HP Reynolds AF See Barnes PD Reynolds JC See Larson SM Reynolds JC See Levine MS

Reynolds KW See Powell-Tuck J Reynolds SE See Miller RA Reynolds T; Hill MC; Glassman LM: sonography of hemorrhagic ovarian cysts, (JCU), 14: 449, 1986 Reynolds WA See Drolshagen LF

Reynolus WA See Droisnagen LF
Reznek RSee Guerra J Jr
Reznek RH; Talner LB: percutaneous nephrostomy,
(Radiol Clin North Am), 22: 393, 1984
Rezvani L; Tully RJ; Levine C; et al: computed
tomography in the diagnosis and follow-up of
American Burkit's lymphoma, (Gastrointest
Radiol), 11: 36, 1986

Rezvanpour AO See Naseem M Rhame R See Scales FE

Khame K See Scales FE Rhee JG See Song CW Rhodes BA; Zamora PO; Newell KD; et al: technetium-99m labeling of murine monoclonal antibody fragments, () Nucl Med), 27: 685, 1986 Rhodes M See Lufkin RB

Rhodes ML See Rothman SLG Rhodes RA III See Woodring JH Rholl KS See Lee JKT

Rholl KS See McClennan BL

Rholl KS; Lee JKT; Ling D; Sicard GA; Griffith RC; Freeman M: acute renal rejection versus acute tubular necrosis in a canine model: MR evaluation, (Radiology), 160: 113, 1986 Rholl KS; Levitt RG; Glazer HS: magnetic resonance imaging of fibrosing mediastinitis, (AJR), 145: 255, 1985

(AJR), 145: 255, 1985
Rholl KS; Levitt RG; Glazer HS; Gutierrez FR;
Murphy WA; Lee JKT; Geltman EM;
Peterson RR: oblique magnetic resonance
imaging of the cardiovascular system,
(Radiographics), 6: 177, 1986
Rhyner P; Federle MP; Jeffrey RB Jr: CT of trauma
to the abnormal kidney, (AJR), 142: 747, 1984

Ribas GC See Uflacker R Ribbe T See Bergstrom M Ribeiro AA See Brown MA Ricci MT See Rohrmann CA Jr

Riccipetitoni G See Franchella A Rice CA; Anderson TM; Sepahdari S; computed tomography and ultrasonography of carcinoma in duplication cysts, (ICAT), 10: 233, 1986

Rice JF; Jelsma RK: combined arteriovenous malformation and intramedullary lipoma: surgery and embolotherapy, (AJNR), 7: 171, 1986

Rice RP See Fedyshin PJ Rice RP See Johnson CD Rice RP See Leopold GR Rice RP See Williford ME

Rice RP; Thompson WM; Fedyshin PJ; Merten DF; Kelvin FM; Williford ME: barium enema in appendicitis: spectrum of appearances and pitfalls, (Radiographics), 4: 393, 1984

Rice S See Strife IL Rice WJ See Palmaz JC Rich AJ See Soppitt D Rich DA See Rosenberg RJ Rich JI See Hill MC Rich M See Lee WJ Rich S See Brundage BH Rich TA See Seider MJ

Rich TA See Seider MJ
Rich TA; Cady B; McDermott WV; et al:
orthovoltage intraoperative radiotherapy: new
look at an old idea. (Radiology), 156: 572, 1985
Rich TA; Weiss DR; Mies C; Fitzgerald TJ;
Chaffey JT: sphincter preservation in patients
with low rectal cancer treated with radiation
therapy with or without local excision or
fulguration, (Radiology), 156: 527, 1985

Richard L See Dery R Richardson CJ See McArdle CB Richardson JD See Grant EG

Richardson JD See Grant EG Richardson JD See Jacobs NM Richardson JD See Schellinger D Richardson M See Dooms GC Richardson ML See Montana MA

Richardson ML See Selby B Richardson ML: optimizing pulse sequences for magnetic resonance imaging of the musculoskeletal system, (Radiol Clin North Am), 24: 137, 1986 Richardson ML; Helms CA: artifacts, normal variants, and imaging pitfalls of musculoskeletal magnetic resonance imaging, (Radiol Clin North Am), 24: 145, 1986
Richardson ML; Helms CA; Vogler JB III; et al: skeletal changes in neuromuscular disorders mimicking juvenile rheumatoid arthritis and hemophilia, (AJR), 143: 893, 1984
Richardson ML; Kilcoyne RF; Gillespy T III; et al: magnetic resonance imaging of musculoskeletal neoplasms, (Radiol Clin North Am), 24: 259, 1986

1986
Richardson ML; Olsen DO; Schade JF; Nelson SJ;
Eastman MR; Neumann E simple method for
retrieving metal foreign objects from an MR
imager, (Radiology), 156: 845, 1985
Richardson ML; Pozzi-Mucelli RS; Kanter AS; et al:
bone mineral changes in primary
hyperparathyroidism, (Skeletal Radiol), 15: 85,
1986

1986
Richardson RG See Gibbons RP
Richardson RL; Duxbury CE: variation of gamma
camera photographic image density with count
rate, (J Nucl Med), 25: 128, 1986
Riche MC See Melki JP
Richerson HB See Hunninghake GW
Richie JP Sea Bettmann MA
Richie JP, Carnick MB; Seltzer S; et al:
computerized tomography scan for diagnosis
and staging of renal cell carcinoma, (Radiology),
151: 271, 1984
Richie RF See Burks DD

151: 27Î, 1984
Richie RE See Burks DD
Richli W See Charnsangavej C
Richli WR, Rosenthal DI: avulsion fracture of the fifth metatarsal: experimental study of pathomechanics, (ÁJR), 143: 889, 1984
Richman TS; Viscomi GN; deCherney A; Polan ML;
Alcebo LO: fallopian tubal patency assessed by ultrasound following fluid nijection. work in progress, (Radiology), 152: 507, 1984
Richmand D See Schwarz W
Richmond B See Olson E

Richmond B See Olson E Richmond BD See Burt RW Richmond BD See Rowe DM Richmond BD See Tarver RD

Richmond BD See Tarver RD
Richmond CR: update of publication 23 from the
International Commission on Radiological
Protection (ICRP), (Radiology), 156: 250, 1985
Richmond DH; Sutherst JR; Brown MC: screening
of the bladder base and urethra using linear
array transrectal ultrasound scanning, (JCU), 14:
647, 1986

647, 1996
Richter E; Globl H; Holthusen W; et al: intrahepatic calcifications in infants and children following umbilical vein catheterization, (Radiology), 153: 568, 1984 Richter HA See Erbel R

Richter JA See Serena A Richter JE See Obrecht WF Jr

Richter JE See Oft DJ Richter JM See Oat DJ Richter JM: evaluation of the jaundiced patient—an internist's perspective, (Semin US CT MR), 5: 369, 1984

Richter JM; Hedberg SE; Athanasoulis CA; et al: angiodysplasia. clinical presentation and colonoscopic diagnosis, (Radiology), 154: 555, 1985

1985
Richter JO See Horgan JG
Richter JO See Siskind BN
Richter MP See Brookland RK
Richter MP See Gatenby RA
Ricketts HJ: side-hole balloon-angioplasty catheters,
(AJR), 144: 123, 1985

Riederer 5) See Lee JN Riederer 5J; Bobman SA; Lee JN; et al: improved precision in calculated T1 MR images using multiple spin-echo acquisition, (JCAT), 10: 103,

Riederer SJ; Suddarth SA; Bobman SA; Lee JN; Wang HZ; MacFall JR: automated MR image synthesis: feasibility studies, (Radiology), 153: 203, 1984

Riedmiller H See Thuroff JW Riedmiller H; Thuroff J; Alken P; et al: Doppler and B-mode ultrasound for avascular nephrotomy, (Radiology), 151: 560, 1984 Riedy MJ; Lebowitz RL: percutaneous studies of the upper urinary tract in children, with special emphasis on infants, (Radiology), 160: 231, 1986 Riehl PA See Love GL

Riely CA See Taylor KJW Riemenschneider PA See Evens RG

Riemenschneider TA See Fletcher BD Riemmuller R; Doppman JL; Lissner J; Kemkes B-M; Strauer B-E: constrictive pericardial disease prognostic significance of a nonvisualized left ventricular wall, (Radiology), 156: 753, 1985

Rieth KG See Shawker TH Rieth KG; Comite F; Shawker TH; Cutler GB Jr: th KG; Comite 1; Shawker 1 H; Cutter Cb Jr: pituitary and ovarian abnormalities demonstrated by CT and ultrasound in children with features of the McCune-Albright syndrome, (Radiology), 153: 389, 1984

syndrome, (Kadiology), 153: 389, 1984
Rietz BA See Topol EJ
Rietz DR; Ford CN; Kurtycz DF; et al: significance
of apparent intratympanic meningiomas,
(Radiology), 152: 558, 1984
Rifkin MD See Bidula MM

Rifkin MD See Fornage BD Rifkin MD See Kurtz AB Rifkin MD See Needleman L Rifkin MD See Pasto ME

Rifkin MD: sonourethrography: a technique for evaluation of the prostatic urethra, (Radiology), 153: 791, 1984

Rifkin MD: transrectal prostatic ultrasonography: comparison of linear array and radial scanners, (J Ultrasound Med), 4: 1, 1985

() Ultrasound Med), 4: 1, 1985
Rikin MD, Brownstein PK: abnormal echogenicity of the testicle caused by epididymal cysts, (Radiology), 153: 280, 1984
Rifkin MD, Foy PM; Kurtz AB; et al: role of diagnostic ultrasonography in varicocele evaluation, (Radiology), 151: 833, 1984
Rifkin MD; Friedland GW; Shortliffe L: prostatic

evaluation of transrectal endosonography: detection of carcinoma, (Radiology), **158**: 85,

Rifkin MD; Gordon SJ; Goldberg BB: sonographic examination of the mediastinum and upper abdomen by fiberoptic gastroscope, (Radiology), 151: 175, 1984

151: 175. 1984

Rifkin MD; Heffelfinger D, Kurtz AB; Pasto ME;
Baltarowich OH; Cole-Beuglet C; Goldberg BB:
outpatient therapy of intraabdominal abscesses
following early discharge from the hospital,
(Radiology), 155: 333, 1985

Rifkin MD; Kurtz AB; Goldberg BB: epididymis
examined by ultrasound. correlation with
pathology, (Radiology), 151: 187, 1984

Rifkin MD; Kurtz AB; Goldberg BB: prostate biopsy
utilizing transrectal ultrasound guidance:
diagnosis of nonpalpable cancers, (Radiology),
151: 559, 1984

Rifkin MD; Kurtz AB; Pasto ME: at al. discounts

Rifkin MD; Kurtz AB; Pasto ME; et al: diagnostic

capabilities of high-resolution scrotal ultrasonography: prospective evaluation, (J Ultrasound Med), 4: 13, 1985 Rifkin MD; Kurtz AB; Pasto ME; et al: sonographic diagnosis of focal and diffuse infiltrating intrascrotal lesions, (Radiology), 153: 573, 1984

Rifkin MD; Mack LA; Lennard ES; et al: intraoperative abdominal ultrasonography initial experience with a dedicated highresolution operative transducer, (J Ultrasound Med), 5: 429, 1986

Rifkin MD; Marks GJ: transrectal US as an adjunct in the diagnosis of rectal and extrarectal tumors, (Radiology), 157: 499, 1985

Rifkin MD; Needleman L; Kurtz AB; et al: sonography of nongynecologic cystic masses of the pelvis, (AJR), 142: 1169, 1984

Rifkin MD; Pritzker HA: tracheobronchial cartilage calcification in children. case reports and revie of the literature, (Radiology), 153: 850, 1984

Rigamonti D See Som PM Rigaux A; Vossen P; Van Baarle A; et al: hepatic artery aneurysm: ultrasonic diagnosis, (JCU), 14: 401, 1986

Riggs JD See Starkschall G Riggs S See Tannir N

Rigler RG: simple pressure injector for contrast material, (Radiology), 154: 248, 1985

material, (Radiology), 154: 248, 1985 Rigor VU; Goldstone SE; Jones J; et al: hibernoma: case report and discussion of a rare tumor, (Radiology), 161: 573, 1986 Rigsby CM; Rosenfield AT; Glickman MG; et al: hemorrhagic focal bacterial nephritis: findings on gray-scale sonography and CT, (AJR), 146: 1173, 1986

Rigsby CM; Taylor KJW; Weltin GG; Burns PN; Bia M; Princenthal RA; Kashgarian M; Flye MW: renal allografts in acute rejection: evaluation using duplex sonography, (Radiology), 158: 375, 1986

Rigual NR See Sobol SM Rikimaru S See Ueno K Rikkers LF See Soper NJ Riles T See Raghavendra BN Riley CN See Shih W-I Riley LH Jr See Scott WW Jr Riley RW See Sartoris DJ emr MJ See Jones DK

Rimkus D; Baily NA: patient exposure requirements for high contrast resolution in digital radiographic systems, (AJR), 142: 603, 1984

Rimkus DS See Kipper SI Rimm AA See Alpern MB
Rimm AA See Goodman LR
Rimm AA See Haughton VM
Rinck PA; Meindl S; Higer HP; Bieler EU;

Rinck PA; Meindl S; Higer HP; Bieler EU; Pfannenstiel P: brain tumors: detection and typing by use of CPMG sequences and in vivo T2 measurements, (Radiology), 157: 103, 1985 Rinck PA; Petersen SB; Lauterbur PC: NMR imaging of fluorine-containing substances.
<sup>19</sup>fluor ventilation and perfusion studies, (Radiology), 152: 859, 1984
Rindsberg S See Levy DW
Pinch to 15 CS Research UP.

Rinehart JS See Benacerraf BR Ring EA See Lear JL Ring EJ See Kerlan RK Jr Ring EJ See LaBerge JM Ring EJ See Wolf GL

Ring EJ; Kerlan RK Jr: inpatient management: new role for interventional radiologists, (Radiology), 154: 543, 1985

Ring EJ; Kerlan RK Jr: interventional biliary radiology, (AJR), 142: 31, 1984

Ringden O; R(A)R), 142: 31, 1994
Ringden O; Bayrd I; Johansson B; et al: increased mortality by septicemia, interstitial pneumonitis and pulmonary fibrosis among bone marrow transplant recipients receiving an increased mean dose rate of total irradiation, (Radiology), 154: 286, 1985

154: 286, 1989
Ringel RE; Haney PJ; Brenner JI; et al: periosteal changes secondary to prostaglandin administration, (Kadiology), 151: 823, 1984
Ringelstein EB: ultrasound diagnosis applied to the vertebrobasilar system: II. transnuchal diagnosis

novel pulsed Doppler system, (Radiology), 157: 862, 1985

Ringelstein EB; Berg-Dammer E; Zeumer H: so-called atheromatous pseudoocclusion of the internal carotid artery. a diagnostic and therapeutical challenge, (Radiology), 151: 265,

Ringelstein EB; Zeumer H: delayed reversal of vertebral artery blood flow following percutaneous transluminal angioplasty for subclavian steal syndrome, (Radiology), 155: 278, 1985

Ringertz HG See Lipton MJ

Ringertz HG See Moore SG Rios B; Driscoll DJ; McNamara DG; high-altitude pulmonary edema with absent right pulmonary artery, (Radiology), 157: 281, 1985

Ripley S See Freitas JE Ripley S See Freitas JE Ripley SD See Mountz JM Risch M See Hannig C Riser TA See Henschke CI Risescu J See Garty I Risius B See Geisinger MA Risius B See Graor RA Risius B See Zelch MG

Risius B See Zelch MG
Risius B, Graor RA; Geisinger MA; Zelch MG;
Lucas FV; Young JR; Grossbard EB:
recombinant human tissue-type plasminogen
activator for thrombolysis in peripheral arteries
and bypass grafts. (Radiology), 160: 183, 1986
Risius B; Zelch MG; Graor RA; Geisinger MA;
Smith JAM; Piraino DW: catheter-directed low
dose streptokinase infusion: a preliminary
experience, (Radiology), 150: 349, 1984
Risser TA See Henschke CI

Risser TA See Henschke CI Ritchey ML See Sullivan WT

Ritchie JL; Hansen DD; Vracko R; et al: mechanical thrombolysis: new rotational catheter approach for acute thrombi, (Radiology), 161: 284, 1986 Ritchie WG See Bhutani VK

Ritchie WGM: sonographic evaluation of normal and induced ovulation, (Radiology), 161: 1, 1986

Ritchie WW See Malin SW Ritenour ER: health effects of low level radiation: carcinogenesis, teratogenesis, and mutagenesis, (Semin Nucl Med), 16: 106, 1986

Ritman EL See Hoffman EA Ritman EL See Sinak LJ

Rittenberg MH; Koolpe H; Keeler L; et al: pain control: comparison of percutaneous and operative nephrolithotomy, (Radiology), 157: 564, 1985

Ritter SB; Bierman FZ: noninvasive diagnosis of interrupted inferior vena cava: gated pulsed Doppler application, (Radiology), 151: 559, 1984 Ritter-Hrncirik CA See Rosebrough SF

Ritzau F See Fichte B

Rivero H See Dominguez R Rivero H; Bolden R; Young LW: proximal tibial physis fracture and popliteal artery injury, (Radiology), 150: 390, 1984

Rivers RJ Jr See Hengerer AS Rivkind A See Ravinovici R Rizk C See Khayat G Rizk GK See Saksouk FA Rizzatto G See Derchi LE Rizzatto G See Di Donna A Rizzatto G See Rubaltelli L Rizzatto G See Rubaltelli L Rizzatto G See Sepassodi F Rizzatto G See Zappasodi F Rizzatto G T See Welsh I W Rizzo TA Jr See Welsh LW Rizzon CFC See Uflacker R

Rizzon CFC See Utlacker R
Road JD; Jacques J; Sparling JR: diffuse alveolar
septal amyloidosis presenting with recurrent
hemoptysis and medial dissection of pulmonary
arteries. (Radiology), 159: 569, 1986
Robb WL: technological seduction: diagnostic
imaging technology facing new demands,
(AJR), 145: 1112, 1985

Robbe IJ; Dixon AK: case report. resolution of ureteric obstruction in perianeurysmal retroperitoneal fibrosis, (Radiology), 152: 842, 1984

Robbins AH See Gale ME Robbins AH See Gerzof SG Robbins AH See Newberg AH Robbins AH See Spechler SJ Robbins AH See Vincent ME Robbins EA See O'Brien MJ Robbins GL See Kenney PJ Robbins KT See Woodson C Robbins KV See Ferris EJ Robbins PS See Knight LC n GE

Robbins PS See Knight LC
Roberts C See Quinn SF
Roberts D, Schenck J; Joseph P; Foster T; Hart H;
Pettigrew J; Kundel HL; Edelstein W; Haber B:
temporomandibular joint: magnetic resonance
imaging, (Radiology), 154: 829, 1985
Roberts GC See Hughes JS
Roberts GM See Rose JD
Roberts JL; Fishman EK; Hartman DS; Sanders RC;
Goodman ZD; Siegelman SS: lipomatous
tumors of the liver: evaluation with CT and US,
(Radiology), 158: 613, 1986
Roberts JT See Burt CT
Roberts JT See Burt CT
Roberts JT See Coblentz C

Roberts JT See Collentz C

Roberts JT; Bleehen NM; Walton MI; et al: clinical phase I toxicity study of Ro 03-8799: plasma, urine, tumour and normal brain pharmacokinetics, (Br J Radiol), 59: 107, 1986

Roberts JW Jr. acceptance testing protocols: systematic approach to evaluating radiological equipment, (Radiology), 155: 86, 1985

Roberts JW Jr. radiology management: an introduction, (Radiology), 150: 310, 1984
Roberts JW Jr. selection and performance of radiologic equipment, (Radiology), 161: 256, 1986

Roberts JW Jr: x-ray imaging equipment: introduction, (Radiology), 161: 52, 1986 Roberts L Jr See Foster WL Jr

Roberts L Jr See Foster WL Jr
Roberts L Jr See Halvorsen RA Jr
Roberts L Jr, Drayer BP; Apple JS; et al: unusual
presentation of thyroid papillary carcinoma:
enlargement of a cervical intervertebral
foramen, (Comput Radiol), 10: 45, 1986
Roberts L Jr; Dunnick NR; Thompson WM; et al:
primary aldosteronism due to bilateral nodular
hyperplasia: CT demonstration, (JCAT), 9: 1125,
1985

Roberts MM See Muir BB

Roberts MS: See Rokey R Roberts WA; Badger VM: osteomalacia of very-low-birth-weight infants, (Radiology), 155: 552, 1985 Robertson A: legacy of thorotrast, (Radiology), 152: 271.1984

Action 17, 1984

Robertson AG See Read GS

Robertson AG; McGregor IA; Soutar DS; et al: postoperative radiotherapy in the management of advanced intra-oral cancers, (Clin Radiol), 37: 173, 1986

Robertson CM See Finer NN Robertson CM See Walther PJ Robertson DD See Fishman EK Robertson WD See Dalley RW Robertson WD See Graeb DA Robertson WD See Reed D Roberts-Thomson IC See Doyle TCA

Roberts-Thomson IC See Doyle TCA Robey G; Reilly BJ; Carusi PA; Nguyen KB: pediatric urography: comparison of metrizamide and methylglucamine diatrizoate, (Radiology), 150: 61, 1984 Robin GC See Libson E

Robino GC See Libson E Robinow M; Johnson GF; Nanagas MT; et al: skeletal lesions following meningococcemia and disseminated intravascular coagulation. a recognizable skeletal dystrophy, (Radiology), 151: 264, 1984

151: 264, 1984
Robinowitz M See Virmani R
Robins AG See Gale ME
Robinson AE See Brady MB
Robinson AE Hill EP; Harpen MD: radiation dose
reduction in pediatric CT, (Pediatr Radiol), 16:

Robinson Robinson CA See Fraser RG

Robinson CA See Fraser Ro Robinson DE, Bamber JC; Doust B; et al: tissue characterization of WFUMB '85, (Ultrasound Med Biol), 12: 725, 1986 Robinson DE; Gill RW; Kossoff G: quantitative sonography, (Ultrasound Med Biol), 12: 555, 1986
Robinson GD Jr; Alavi A; Vaum R; et al: imaging of lymph node uptake after intravenous administration of indium-11 metalloporphyrins. (J Nucl Med), 27: 239, 1986
Robinson JA See Bufalino VJ
Robinson JM; Cockrell CH; Tisnado J; et al: selective low-dose streptokinase infusion in the treatment of acute transplant renal vein thrombosis, (Cardiovasc Intervent Radiol), 9: 86, treatment of acute transplant renal vein thrombosis. (Cardiovasc Intervent Radiol), 9: 86, 1986
Robinson KE: bone ischaemia and infarction in sickle cell disease. (Radiology), 152: 600, 1984
Robinson KE: computerized tomography in neuro-opthalmology. (Radiology), 151: 416. 1984
Robinson KE: computerized tomography of the eye and orbit. (Radiology), 151: 416, 1984
Robinson KE: dagnostic imaging in opthalmology. (Radiology), 160: 772, 1986
Robinson KE: head and neck imaging, excluding the brain. (Radiology), 154: 400, 1985
Robinson KE: maxillofacial injuries. 2 vols., (Radiology), 160: 786
Robinson KE: oblogic radiology with clinical correlations. (Radiology), 161: 376, 1986
Robinson LH See Cohen G
Robinson LH See Pfeiffer WR
Robinson PJ See Cohen G
Robinson PJ See Chalmers AG
Robinson PJ See Prakin A
Robinson RG See Perakin A
Robinson RG See Parkin A
Robinson RG See Reddy EK
Robinson RS See James AE Jr
Robitaille P See Farkin A
Robition Gee Fritschy P
Robotti G See Fritschy P
Robotti G Robotti 863, 1986
Robson RA See Soppitt D
Robson RA See Tapson JS
Rocchini AP See Wallis JW
Rochester D See Siegfried MS
Rockett J See Moinuddin M
Rockoff SD See Cohen LM
Rockoff SD; Rohatgi PK: unusual manifestations of
thoracic sarcoidosis, (AJR), 144: 513, 1985
Rockwell S See Fischer JJ
Rockwell WB; Destouet JM; Gilula LA; et al:
radiographic approach to the painful wrist, thoracic sarcoidosis, (AJR), 144: 513, 1985
Rockwell WB; Destouet JM; Gilula LA; et al:
radiographic approach to the painful wrist,
(Radiology), 157: 567. 1985
Rockwold BE; Zakov Z; Bay N; et al: combined
malignant lymphoma of the eye and CNS
(reticulum-cell sarcoma), report of three cases,
(Radiology), 155: 554, 1985
Roda JM; Catro A; Blazquez MG: hangman's
fracture with complete dislocation of C-2 on C3, (Radiology), 153: 855, 1984
Rodan BA See Bean WJ
Rodan BA See Bean WJ
Rodan BA See Bean WJ
Rodan BA See Hallin DM
Rode H See Lamont AC
Rodeck G See Schwerk WB
Roden WC See Reinig JW
Rodenberg JC; Maegaard KK; Svanholm H: case
report 369, (Skeletal Radiol), 15: 334, 1986
Rodesch F See Javant FF
Rodesch F See Avni EF
Rodesch F See Sene MP
Rodiere MJ See Lamarque JL
Rodriguez A See Mirvis SE
Rodriguez AA See Mirvis SE
Rodriguez AA See Mirvis SE
Rodriguez AA See Mirvis SE
Rodriguez MS See Sandler CM
Rodriguez MS See Sandler CM
Rodriguez MS See See Lopez OL
Roe DJ See Gomes AS
Roe S: environmental health criteria 22: ultrasound,
(Radiology), 152: 502, 1984
Roebuck EJ See Hinton CP
Roecker E See Hallock FP
Roederer GO; Langlois YE; Chan ARW; et al: is
siphon disease important in predicting outcome
of carotid endarterectomy?, (Radiology), 152: 556, 1984

percutaneous transcatheter filter for the inferior vena cava: a new device for treatment of patients with pulmonary embolism, (Radiology), 150: 255, 1984

Roehrig H See Capp MP Roelandt J See Gussenhoven EJ Roelofs BHM See Bascom PAJ Roemer RB See Halac S Roeren T; Hauenstein K; Dinkel E; et al: intraarterial digital subtraction angiography of renal transplants, (Urol Radiol), 8: 77, 1986 Roesler H See Probst P Roesler H; Hess T; Weiss M; et al: tomoscintigraphic assessment of myocardial metabolic heterogeneity, (Radiology), 151: 561, Roesler PJ Jr; Wills JS: hepatic actinomycosis: CT features, (JCAT), 10: 335, 1986 Roessmann U See Lavin PJM Roessmann U See Lavin PJM
Rofstad Ek: radiation biology of malignant
melanoma, (Acta Radiol [Oncol]), 25: 1, 1986
Rofstad Ek: Wahl A; Brustad T: radiation response
of human melanoma multicellular spheroids
measured as single cell survival, growth delay,
and spheroid cure: comparisons with the parent
tumor xenograft, (Int J Radiat Oncol Biol Phys),
12: 975, 1986 Rogalsky RJ; Black GB; Reed MH: orthopaedic manifestations of leukemia in children, (Radiology), 161: 287, 1986 Roger B See Laval-Jeantet AM Roger RL See Millan JM Rogers C See Zee C-S Rogers CA See Sayle BA Rogers G See Hersh JH Rogers JG See Bergstrom M Rogers JM See Sanchez FW Rogers JV See Shuman WP Rogers JV III; Shuman WP; Hirsch JH; et al: intraoperative neurosonography: application and technique, (AJNR), 5: 755, 1984 Rogers LF See Fisher MR Rogers LF See Lee C Rogers LF See Perlman SJ Rogers LF See Regenbogen VS Rogers LF: common oversights in the evaluation of the patient with multiple injuries, (Radiology), 154: 849, 1985 Rogers WF, Moothart RW: outpatient arteriography and cardiac catheterization: effective alternatives to inpatient procedures, (AJR), 144: 233, 1985 Rogge DM See Kuni CC Roggensack GF See Gass MA Roggli V See Szpak CA Roggli VL See Foster WL Jr Roggli VL See Wain SL Rogoff PA; Stock JR: percutaneous transabdominal embolization of an iliac artery aneurysm, (AJR), 145: 1258, 1985 Roguin N See Or I Rohatgi PK See Borts FT Rohatgi PK See Rockoff SD Rohde U See Weigert F Rohlin M See Westesson P-L Rohloff R See Matzen KA Rohmer J See Guit GL Rohmer P See Didier D Rohmer P See Weill FS
Rohmer G; Rautenburg HW; Hopfner B: transient
hypothyroidism in infants following contrast
angiocardiography, (Radiology), 153: 275, 1984
Rohrback MS See DeRemee RA Rohrmann CA See Krishnamurthy S Rohrmann CA See Montana MA Rohrmann CA Jr. Acheson MB: esophageal perforation during double-contrast esophagram, (AJR), 145: 283, 1985 perforation during double-contrast esopnagram, (AJR). 145: 283, 1985.

Rohrmann CA Jr, Ricci MT; Krishnamurthy
S; et al: radiologic and histologic differentiation of neuromuscular disorders of the gastrointestinal tract: visceral myopathies, visceral neuropathies, and progressive systemic sclerosis, (AJR), 143: 933, 1984.

Rohtagi M See Gupta AK
Roifman CM; Lavi S; Moore AT; et al: tenosynovitis of the superior oblique muscle (Brown syndrome) associated with juvenile rheumatoid arthritis, (Radiology), 157: 282, 1985.

Roilgen A See Kaiser MC
Roizin-Towle L; Pirro JP, McDowell J: comparison of the heat and radiation sensitivity of rodent and human derived cells cultured in vitro, (Int J Radiat Oncol Biol Phys), 12: 647, 1986.

Rojer CL See Swartz JD Radiat Oncol Biol Phys), 12: 647, 1986
Rojer CL See Swartz JD
Rokey R; Verani MS; Bolli R; Kuo LC; Ford JJ;
Wendt RE; Schneiders NJ; Bryan RN;
Roberts R: myocardial infarct size
quantification by MR imaging early after
coronary artery occlusion in dogs, (Radiology),
158: 771, 1986
Romano Asee Lyan I
Romano Asee Lyan I
Romano Asee Lyan I siphon disease important in predicting outcome of carotid endarterectomy?, (Radiology), 152: Roehm JOF Jr; Gianturco C; Barth MH; Wright KC:

Romano A See Lyon J Romano TJ See Seung HI Romero R See Jeanty P Romero R See Kadar N

Romero R See Pilu G Romero R; Jeanty P: detection of fetal growth disorders, (Semin US CT MR), 5: 130, 1984 Romero R; Jeanty P; Hobbins JC: invasive techniques for antenatal diagnosis: chorionic villus biopsy, fetoscopy, and amniocentesis, (Semin US CT MR), 5: 298, 1984 toemin US C.I MR.), 5: 298, 1984 Romero R.; Jeanty P.; Reece EA; et al: sonographically monitored amniocentesis to decrease intraoperative complications, (Radiology), 157: 863, 1985 mero R; Taylor KJW; Kadar N; et al: diagnosis of ectopic pregnancy, (Clin Diagn Ultrasound), 15: 123, 1984 Rommel AJ See McKinstry DN
Romney BM; Nickoloff EL; Esser PD; Alderson PO:
radionuclide administration to nursing mothers:
mathematically derived guidelines, (Radiology). 160: 549, 1986 Roncato M See Pernes JM Rondot P See Demierre B Rong SH: carotid pseudoaneurysm simulating pancoast tumor, (AJR), 142: 495, 1984 Rong SH; Nie ZQ: hydatid disease of bone, (Radiology), 157: 566, 1985 Rood SR See Cohn ER Rooney PJ; Cockshott WP: pseudarthrosis following proximal humeral fractures: possible mechanism, (Skeletal Radiol), 15: 21, 1986 Roos B See Jonson R
Roos CF; Carroll FE Jr: fiber-optic pressure
transducer for use near MR magnetic fields,
(Radiology), 156: 548, 1985
Roos RAC; Vielvoye GJ; Voormolen JHC; et al:
magnetic resonance imaging in occult spinal
dysraphism, (Pediatr Radiol), 16: 412, 1986
Roosen N; Schirmer M; Lins E; et al: MRI of an
aneurysm of the vein of Galen, (AJNR), 7: 733,
1986
Root ER See Walker FG V. Root ER See Walker FC Jr Root L See Sauser DD Root L See Sauser DD Rooter CL See Reed D Roper CL See Heiken JP Roper CL See Levitt RG Rorke L See Atlas SW Rorke MC See King DL Rorth M See Schultz HP Rorth M See von der Maase H Rorth M; von der Maase H; Nielsen ES; et al: non-seminomatous testicular germ cell tumours: preliminary analysis of ongoing trials in the DATECA study, (Radiology), 156: 287, 1985 Ros PR See Dachman AH Ros PR See Olmsted WW Ros PR; Goodman ZD; Ishak KG; Dachman AH; Olmsted WW; Hartman DS; Lichtenstein JE: mesenchymal hamartoma of the liver: radiologic-pathologic correlation, (Radiology), 158: 619, 1986 158: 619, 1986

Ros PR; Olmsted WW; Dachman AH;
Goodman ZD; Ishak KG; Hartman DS:
undifferentiated (embryonal) sarcoma of the
liver: radiologic-pathlogic correlation,
(Radiology), 161: 141, 1986

Ros PR; Viamonte M Jr; Rywlin AM: malignant
fibrous histiocytoma: mesenchymal tumor of
ubiquitious origin; (AJR), 142: 753, 1986

Ros PR; Viamonte M Jr; Soila K; et al:
demonstration of cavernomatous transformation
of the portal vein by magnetic resonance
imaging, (Gastrointest Radiol), 11: 90, 1986

Ros M; Capellini C; Canevari MA; et al: CT in low imaging, (Castrointest Radiol), 11: 90, 1986
Rosa M; Capellini C; Canevari MA; et al.: CT in low
back and sciatic pain due to lumbar canal
osseous changes, (Neuroradiol), 28: 237, 1986
Rosario-Medina W; Strife Jt; Dunbar JS: normal
left atrium: appearance in children on frontal
chest radiographs, (Radiology), 161: 345, 1986 Rosas G See Frank JL Rosch J See Bedell JE Rosch J See Boren SR Rosch J See Dotter CT Rosch J See Hackethorn JC Rosch J See Keller FS Rosch I See Vaughan R Rosch J; Keller FS; Kozak B; Niles N; Dotter CT: gelfoam powder embolization of the left gastric artery in treatment of massive small-vessel gastric bleeding, (Radiology), 151: 365, 1984 Rosch J; Kozak BE; Keller FS; et al: interventional angiography in the diagnosis of acute lower gastrointestinal bleeding, (Eur J Radiol), 6: 136, 1986 Roscher R See Maier W Roschmann P; Tischler R: surface coil proton MR imaging at 2 T, (Radiology), 161: 251, 1986 Rose BS See Bools JC Rose BS See Mason TO Rose CM: cell kinetics and cancer therapy, (Radiology), 154: 352, 1985 Rose DB; Wolman SL; Ho C-5: gastric hemorrhage complicating percutaneous transgastric jejunostomy, (Radiology), 161: 835, 1986

Rose G See Slovis TL Rose H See Mitnick JS
Rose JD; Roberts GM; Smith PM: radiological

appearances of the oesophagus after sclerotherapy for varices, (Radiology), 158: 858,

Rose IG See Marcus CS

Rose JS See Hermann G Rose JS; Hermann G; Mendelson DS; et al: extraskeletal Ewing sarcoma with computed tomography correlation, (Radiology), 153: 269,

Rose RM See Costello P

1984
Rose RM See Costello P
Rose RM; Grigas D; Strattemeir E; et al:
endobronchial involvement with nonHodgkin's lymphoma: clinical-radiologic
analysis, (Radiology), 161: 574, 1986
Rose SC; Kumpe DA; Weil R III: percutaneous
biliary drainage in diffuse Caroli's disease (case
report), (AJR), 147: 159, 1986
Rose TH See Fong KW
Rose V See Koren G
Rose V See Rowe RD
Rosebrough SF; Kudryk B; Grossman ZD;
McAfee JG; Subramanian G; RitterHrncirik CA; Witanowski LS; TillapaughFay G: radioimmunoimaging of venous thrombi
using iodine-131 monoclonal antibody,
(Radiology), 156: 515, 1985
Roseman DL See Gavin PM
Roseman JM; Goffin FB: branchial cleft cyst to
jugular vein fistula: unusual complication,

Roseman JM; Goffin FB: branchial cleft cyst to jugular vein fistula: unusual complication, (Radiology), 156: 568, 1985
Rosen A See Auh YH
Rosen A; See Silverman PM
Rosen A; Korobkin M; Silverman PM; et al: CT diagnosis of ruptured abdominal aortic aneurysm, (AJR), 143: 265, 1984
Rosen A; Korobkin M; Silverman PM; et al: mesenteric vein thrombosis: CT identification, (AJR), 143: 83, 1984
Rosen BR; See Edelman RR

1985
seen BR; Pykett IL; Brady TJ; spin lattice relaxation time measurements in two-dimensional nuclear magnetic resonance imaging; corrections for plane selection and pulse sequence, (Radiology), 154: 282, 1985 seen BR; Wedeen VJ; Brady TJ; selective saturation NMR imaging, (Radiology), 155: 860, 1985

1985

Rosen G See Garty I Rosen H See Greenspan A

Rosen H See Greenspan A
Rosen IE See Ho CS
Rosen JM See Smith R
Rosen JM; Biello DR; Siegel BA; Seldin DW;
Alderson PO: Kr-81m ventilation imaging:
clinical utility in suspected pulmonary
embolism, (Radiology), 154: 787, 1985
Rosen JM; Palestro CJ; Markowitz D; et al:
significance of single ventilation/perfusion
mismatches in krypton-81m/technetium-99m
lung scintigraphy, (J Nucl Med), 27: 361, 1986
Rosen MJ See Barron TF
Rosen P See Edickman JG
Rosen PR See Blickman JG
Rosen PR See Sullivan WT
Rosen PR; Murphy KG; bone scintigraphy in the
initial staging of patients with renal cell
carcinoma: concise communication, (Radiology),
154: 284, 1985

en RA; Deshmukh SM: growth arrest recovery lines in hypoparathyroidism, (Radiology), 155: 61, 1985

Rosen RJ See Raghavendra BN
Rosen RJ See Raghavendra BN
Rosen RJ See Roven SJ
Rosen RJ See Rumancik WM
Rosen By See Revel Delay RJ
Rosenbaum AE See Goldberg AL
Rosenbaum AE See Goldberg AL
Rosenbaum AE See Zinreich SJ
Rosenbaum AE See Zinreich SJ
Rosenbaum AE; Rosenbloom SB: meningiomas
revisited, (Semin Roentgenol), 19: 8, 1984
Rosenbaum DM; Blumhagen JD: acute epiphyseal
osteomyellitis in children, (Radiology), 156: 89,
1985
Rosenbaum DM; Blumhagen JD: sonographic

1985

Rosenbaum DM; Blumhagen JD: sonographic recognition of idiopathic arterial calcification of infancy, (AJR), 146: 249, 1986

Rosenbaum DM; Blumhagen JD; King HA: atlantocccipital instability in Down syndrome, (AJR), 146: 1269, 1986

Rosenbaum DM; Korngold E; Teele RL: sonographic assessment of renal length in normal children, (AJR), 142: 467, 1984

Rosenbaum RC; Johnston GS: posttraumatic cardiac dysfunction: assessment with radionuclide ventriculography. (Radiology), 160: 91, 1986 Rosenbaum RC; Johnston GS; Whitley NO: scintigraphic detection of occult hemorrhage in a patient receiving anticoagulants, (J Nucl Med), 27: 223, 1986

27: 223, 1986

27: 223, 1986

Rosenberg ER See Baker ME
Rosenberg ER See Baker ME
Rosenberg ER See Bowle JD

Rosenberg ER See Clair MR
Rosenberg ER See Clair MR
Rosenberg ER See Pein AB
Rosenberg ER See Nelson PA
Rosenberg ER: ultrasound in the assessment of pleural densities, (Radiology), 152: 562, 1984
Rosenberg ER; Bowle JD: failure of furosemide to induce diuresis in a growth-retarded fetus, AJR), 142: 485, 1984
Rosenberg ER; Korobkin M: Foster WI. IT: et al:

tenberg ER; Korobkin M; Foster WL Jr; et al: significance of septations in a renal cyst, (AJR), 144: 593, 1985

Rosenberg EK; Korobkin M; Foster W. Jr; et al:
significance of septations in a renal cyst, (AJR),
144: 593, 1985
Rosenberg HS ee Whiteman MS
Rosenberg HK See Finkelstein MS
Rosenberg HK See Finkelstein MS
Rosenberg HK See Kremer SM
Rosenberg HK See Kremer SM
Rosenberg HK See Sherman NH
Rosenberg HK See Segal SR
Rosenberg HK: complementary roles of ultrasound and plain film radiography in differentiating pediatric chest abnormalities, (Radiographics), 6: 427, 1986
Rosenberg HK; Senderman NH; Tarry WF;
Duckett JW; Snyder HM: Mayer-Rokitansky-Kuster-Hauser syndrome: US aid to diagnosis, (Radiology), 161: 815, 1986
Rosenberg HK; Templeton J; Chatten J; et al:
intraoperative ultrasound guidance for needle biopsy of a contralateral intrarenal "fumoriet" in a child with Wilms' tumor, (J Ultrasound Med), 4: 311, 1985
Rosenberg JC See Chervenak FA
Rosenberg RD See Bourdette DN
Rosenberg RD See Kelsey CA
Rosenberg RD See Kelsey CA
Rosenberg RD See Kelsey CA
Rosenberg RD: Mettler FA Jr; Moseley RD Jr;
Parker T; Williams AG; Christie JH;
Kelsey CA: thyroid radiation absorbed dose from diagnostic procedures in U.S. population, (Radiology), 156: 183, 1985
Rosenberg RJ; Sziklas JJ; Rich DA: dual radionuclide subtraction imaging of the spleen, (Semin Nucl Med), 13: 299, 1985
Rosenberg SJ; Leoning SA; Hawtrey CE; et al: radical prostatectomy with adjuvant radioactive

(Semin Nucl Med), 15: 299, 1985
Rosenberg SJ; Leoning SA; Hawtrey CE; et al:
radical prostatectomy with adjuvant radioactive
gold for prostatic cancer: preliminary report,
(Radiology), 156: 564, 1985
Rosenberg ZS See Singson RD
Rosenberg ZS; Feldman F; Singson RD: peroneal
tendon injuries: CT analysis, (Radiology), 161:
743, 1986
Rosenberger A Son Adlar OB.

tendon injuries: CT analysis, (Radiology), 161: 743, 1986
Rosenberger A See Adler OB
Rosenberger A See Pery M
Rosenberger A See Fery M
Rosenblatt R See Kutcher R
Rosenblatt R; Zakin D; Stern WZ; Kutcher R:
uterine perforation and embedding by
intrauterine device: evaluation by US and
hysterography, (Radiology), 157: 765, 1985
Rosenbloom S; Buchholz D; Kumar AJ; et al:
evolution of central pontine myelinolysis on
CT, (AJNR), 5: 110, 1984
Rosenbloom S4; Osborne DRS: lipoma of the
frontal bone, (AJNR), 6: 833, 1985
Rosenbloom S8 See Rosenbaum AE
Rosenblum J; Yousefzadeh DK; Ramilo JL: skull
radiography in infants: potential hazards of the
use of head clamps, (Radiology), 161: 367, 1986
Rosenblum JS See Gatenby RA
Rosenborg M; Mortensson W: validity of
radiographic assessment of childhood transient
synovitis of the hip, (Acta Radiol [Diagn]), 27:
85, 1986
Rosenburg HK See Malin SW

synovitis of the hip, (Acta Radiol [Diagn]), 27: 85, 1986
Rosenburg HK See Malin SW
Rosenburg HK See Sherman NH
Rosenbusch G See Heystraten FM
Rosenbusch G See Hopman WPM
Rosenford LL See Engelstad BL
Rosenfield AT See Brid KI Jr
Rosenfield AT See Gauld R
Rosenfield AT See Carter AR
Rosenfield AT See Rigsby CM
Rosenfield AT See Rigsby CM
Rosenfield AT See Weiss RM
Rosenfield AT See Vick CW
Rosenfield AT See Weiss RM
Rosenfield AT See Zeman RK
Rosenfield AT See Zeman RK
Rosenfield NS Exeman RK
Rosenfield NS See Lewin JS
Rosenfield NS; Ablow RC; Markowitz RI;
DiPietro M; Seashore JH; Touloukian RJ;
Cicchetti DV: Hirschsprung disease: accuracy of the barium enema examination, (Radiology),
150: 393, 1984

the barium ene 150: 393, 1984

Rosenkrantz J See Ball WS Jr Rosenow EC III See Krowka MJ Rosenshein NB See Goldman SM Rosenstock I See Mandell GA

Rosenthal D: Gershon CR; Rudderman R: renal cell carcinoma invading the inferior vena cava: use of the Greenfield filter to prevent tumor emboli during nephrectomy, (Radiology), 158: 569, 1986 Rosenthal DI See Brown KT

Rosenthal DI See Kattapuram SV Rosenthal DI See Richli WR Rosenthal DI See Scott JA

Rosenthal DI See Stafford SA senthal DI See Statford SX seenthal DI; Christensen S; Emerson RH: "handedness" of spiral fractures of the tibia, (Radiology), 154: 557, 1985 senthal DI; Johnson RD; Oot RF; evaluation of

senthal DI; Johnson RD; Oot RF: evaluation of postoperative osteomyelitis of the sternum using tomography and computerized tomography, (Radiology), 153: 562, 1984 ssenthal DI; Schiller AL; Mankin HJ: chondrosarcoma: correlation of radiological and histological grade, (Radiology), 150: 21, 1984

Rosenthal DI; Scott JA; Brady TJ: magnetic resonance imaging of the extremities, (Cardiovasc Intervent Radiol), 8: 377, 1986

Rosenthal DI; Scott JA; Mankin HJ; et al: sacrococcygeal chordoma: magnetic resonance imaging and computed tomography, (AJR), 145: 143, 1985 senthal DI; Stauffer AE; Davis KR; et al:

evaluation of multiplanar reconstruction in CT recognition of lumbar disk disease, (AJNR), 5: 307, 1984

Rosenthal J See Arlart IP Rosenthal LE See Farman J Rosenthal SJ See Cox GG Rosenthal SJ See Price HI Rosenthal SJ See Templeton AW Rosenthal WS See Sable RA

senthall I, Burke DI. radionuclide and radiographic diagnosis of sternocostoclavicular hyperostosis, (Clin Nucl Med), 11: 322, 1986 senthall L; Rosenthall S: attenuation of

radionuclide activity by metal-cup arthroplasties, (AJR), 144: 837, 1985 Rosenthall S See Rosenthall L

Rosenthall See Rosenthall L
Rosenzweig MS, Nanda NC: two-dimensional
echocardiographic detection of left ventricular
wall impaction by mitral prosthesis,
(Radiology), 152: 265, 1984
Roskamp J See Humes RA
Rosman MA See Capusten BM
Rosman NP See Herskowitz J

Rosman NP See Herskowitz J
Rosner NH; Doris PE: contrast extravasation
through a gore-tex graft: a sequela of low-dose
streptokinase therapy, (AJR), 143: 633, 1984
Rosner NH; Doris PE: persistent plaque following
successful angioplasty: demonstration by
Doppler duplex, (J Ultrasound Med), 5: 107,
1986

Rosoff M; Cohen MV; Grose R; et al: clinical and hemodynamic correlation in patients with pericardial effusion and swinging heart by echocardiography, (Radiology), 152: 564, 1984

Ross AS See Fagelman D Ross CMD See Rees GJG Ross EM See Bonte FJ Ross GR See Morse SS Ross GR See Rapoport S Ross GR See Sniderman KW

Ross JL See Cremin BJ

Ross JS See O'Donovan PB Ross JS See O'Donovan PB
Ross JS, O'Donovan PB, Novoa R; Mehta A;
Buonocore E; MacIntyre WJ; Golish JA;
Ahmad M: magnetic resonance of the chest:
initial experience with imaging and in vivo T1
and T2 calculations, (Radiology), 152: 95, 1984
Ross JS; O'Donovan PB; Paushter DM:
tracheobronchial tree and pulmonary arteries:
MR imaging using electronic axial rotation,
(Radiology), 160: 839, 1986
Ross M See Duchin KL
Ross MI See Cavea PD

Ross MJ See Cayea PD Ross P See Edmonds PD Ross P: neuroradiology, volumes I & II, (Radiology), 151: 96, 1984 Ross SDK See Hindman BW

Rossavik IK See Deter RL Rossavik IK See Hadlock FP Rosse WF See Martinez S

Rossi HH: limitation and assessment in radiation protection, (AJR), 144: 1, 1985 Rossi P See De Maria M Rossi P; Baert AL; Passariello R; et al: CT of

functioning tumors of the pancreas, (AJR), 144: 57 1985

Rossi P; Simonetti G; Passariello R; Tempesta P; Pesce B; Pavone P; Castrucci M; digital celiac arteriography, (Radiology), 154: 229, 1985 Rossi RP: methods of technique selection in radiographic imaging, (Radiographics), 5: 998, 1985

Rossleigh MA; Smith J; Yeh SDJ: scintigraphic features of primary sacral tumors, (J Nucl Med), 27: 627, 1986

Rossleigh MA; Uren RF; Morris JG: radionuclide liver scan. a screening test for the Budd-Chiari syndrome, (Radiology), 153: 575, 1984 Rossman D See Zucker K

Rosso J See Meignan M Rossonw DS See Olivier LR Rost RC Jr See Proto AV Rostock RA See Fishman EK Rostock RA See Klein IL

Rostock RA; Fishman EK; Zinreich ES; et al: computed tomography in radiation therapy treatment planning of hepatic metastases, (ICAT), 9: 755, 1985

(JCAT), 9: 755, 1985
Roswig DM; Spencer RP: decreased hepatic concentration of radiogallium—6<sup>5</sup>Ga, (Semin Nucl Med), 14: 57, 1984
Roszler MH; Campbell WL: post-ERCP pancreatitis: association with urographic visualization during ERCP, (Radiology), 157: 595, 1985

Rotem Y See Koren G Roth IP See Pernes IM

Roth M: cranio-cervical growth collision: another explanation of the Arnold-Chiari malformation and of basilar impression, (Neuroradiol), 28:

Roth RA See Beckmann CF Rothberg M See Mitnick JS Rothberg R See Goldfinger M Rothberg R See Stoll S Rothfeld B See Haponik EF Rothfus WE See Abla AA Rothfus WE See Daffner RH Rothfus WE See Deeb ZL Rothfus WE See Dresner SC Rothfus WE: Albright AL: Casey KF; et al: cerebellar venous angior a: "benign" entity?, cerebella:

(AJNK), 5: 02 1994 Rothfus WE; Albright AL; Casey KF; et al: cerebellar venous angioma: "henign" entity?, (Radiology), 154: 855, 1985 Rothfus WE; Curtin HD; extraocular muscle enlargement: a CT review, (Radiology), 151: 677, 1984

Rothfus WE: Curtin HD: Slamovits TL; Rothfus WE; Curtin HD; Slamovits TL;
Kennerdell JS: optic nerve/sheath enlargement:
a differential approach based on high-resolution
CT morphology, (Radiology), 150: 409, 1984
Rothfus WE; Latchaw RE: nonefficacy of routine
removal of CSF during neurodiagnostic
procedures, (A)NR), 5: 797, 1984
Rothfus WE; Latchaw RE: nonefficacy of routine
removal of CSF during neurodiagnostic
procedures, (A)RJ, 144: 391, 1985
Rothman RH See Garfin SR
Rothman SLG: Dobben GD: Rhodes ML: Glenn

Rothman RH See Garfin SR Rothman SLG; Dobben GD; Rhodes ML; Glenn WV Jr; Azzawi Y-M: computed tomography of the spine: curved coronal reformations from serial images, (Radiology), 150: 185, 1984 Rothman SLG; Glenn WV Jr: CT multiplanar reconstruction in 253 cases of lumbar spondylolysis, (AJNR), 5: 81, 1984

Rothman SLG; Glenn WV Jr; Kerber CW: postoperative fractures of lumbar articular facets: occult cause of radiculopathy, (AJNR), 6: 623, 1985

Rothrock JR See Centeno RS Rothschild BM; Scott RL; Pinstein ML; et al: pleuropulmonary radiographic abnormalities in rheumatoid arthritis: clinical, epidemiological and laboratory correlation, (Radiology), 155:

Rothschild PA See Jackson VP Rothschild PA See Park H-M Rothstein J; Maisel RH; Berlinger NT; et al: relationship of optic neuritis to disease of the paranasal sinus, (Radiology), 156: 861, 1985 Rothwell J See Hamilton I

Rotkvic I See Playsic B Rotondo A; Grassi R; Smaltino F; et al: calcified gastric cancer: report of a case and review of literature, (Br J Radiol), 59: 405, 1986 Rotte KH; Schmidt-Peter P; Kriedemann E: CT evaluation of osseous tumors, (Eur J Radiol), 6:

5, 1986

Rottenberg DA See Kearfott KJ Rouanet JP See Lamarque JL Roub LW See Adams PS Jr Roubin GS See Leimgruber PP

Rougier P; Parmentier C; Laplanche A; et al: medullary thyroid carcinoma: prognostic factors and treatment, (Radiology), 151: 564, 1984

Roullaud Y See Bret PM Rousseau H See Puech JL Rousseau M See Mathieu D

Rout D; Sharma A; Mohan PK; et al: bacterial aneurysms of the intracavernous carotid artery, (Radiology), 154: 564, 1985

Rout D; Sharma A; Mohan PK; et al: bacterial aneurysms of the intracavernous carotid artery, (Radiology), 154: 854, 1985

Roux P See Bruneton JN Rovekamp MH; van Royen EA; Folmer SCCR; et al: diagnosis of upper-abdominal infection by In-111 labeled leukocytes with Tc-99m colloid subtraction technique, (Radiology), 151: 277,

1984
Roven SJ; Rosen RJ: percutaneous nephrostomy and maintenance of nephrostomy drainage, (Radiology), 154: 273, 1985
Rowberg AA See Smith DF
Rowberg AH; Newell JD; Hunter TB: telecomputing in radiology, (AJR), 145: 411,

1985
we DM; Becker GJ; Rabe FE; Holden RW;
Richmond BD; Wass JL; Sequeira FW: osseou
metastases from renal cell carcinoma:
embolization and surgery for restoration of
function, work in progress, (Radiology), 150:

673, 1984

Rowe RD; Rose V: Kawasaki disease: Canadian update, (Radiology), 156: 274, 1985

Rowell D See Goitein M

Rowell K See Russell CD

Rowlands JA See Hynes DM

Rowley VA See Muller NL

Roy DG See Kruger RA

Roy DL See Belcourt CL

Roy P See Howman-Giles R

Roy S III See Magill HL

Royal HD See Parker JA

Royal HD See Singer I Royal HD See Singer I Royal HD See Uren RF Royal HD; Hill TC; Holman BL: clinical brain

imaging with isopropyl-iodoamphetamine and SPECT, (Semin Nucl Med), 15: 357, 1985

Roysland P See Anda S Royston D; Minty BD; Houston A; et al: simple separator to generate half micron aqueous particles for lung imaging, (Radiology), 154:

Rozenberg I; Wechsler J; Koenig F; et al: Erdheim-Chester disease presenting as malignant exophthalmos, (Br J Radiol), 59: 173, 1986

Rozenblit A See Patel M Rozenblit G See Saddekni S Rozenblit G See Srur MF

Rozenbirt G; Tarasov E; Srur MF; Neithamer CD Jr; Sumers EH; Sos TA: Druy ureteral stent set: clinical experience in 25 patients, (Radiology), 160: 737, 1986

166: 737, 1986
Rozenfeld M. Jette D: quality assurance of radiation dosage: usefulness of redundancy, (Radiology), 150: 241, 1984
Rozing PM See Kieft GJ
Ruark B See Markivee CR
Ruarke WC See Chafetz NI

Rubaltelli I. See Solbiati I.

Rubaltelli I. See Solbiati I.
Rubaltelli I. Talenti E; Rizzatto G; et al: gascontaining gallstones: their influence on ultrasound images, (Radiology), 154: 860, 1985
Ruben RJ See Brodsky I.
Rubenfire M; Blevins RD; Cascade PN;
Maltzman JB; Goldberg MJ: systemic fibrinolytic effect of low-dose intraarterial streptokinase: observations in 12 patients. work in progress, (Radiology), 152: 41, 1984
Rubens D See Hornak JP
Rubens JP Rubens

Rubens D See Steiner E
Rubenstein JB See Pasto ME
Rubenstein JB See Swayne LC
Rubenstein JD See Fam AG
Rubenstein JD See Howard BA
Rubenstein JD See Pui MH
Rubenstein JD; Ebraheim NA; Kellam JF: traumatic
scapulothoracic dissociation, (Radiology), 157:
297, 1985

297, 1985
Rubenstein JD; Gertzbein S: radiographic assessment of Harrington rod instrumentation for spinal fractures, (Radiology), 155: 273, 1985
Rubenstein JD; Kellam JF; McGonigal D: acetabular fracture assessment with

computerized tomography, (Radiology), 150: 866, 1984

Rubenstein JD; Kellam JF; McGonigal D: cross-sectional anatomy of the adult bony acetabulum, (Radiology), 150: 866, 1984 Rubenstein S See Gallerstein PE

Rubenstein S See Gallerstein F: Rubenstein WA See Aluh YH Rubenstein WA See Levy-Ravetch M Rubenstein WA See Zirinsky K Rubenstein WA; Auh YH; Zirinsky K; Kneeland JB; Whalen JP; Kazam E: posterior peritoneal recesses: assessment using CT, (Radiology), 156: 461 1982

Rubesin SE; Herlinger H: effect of barium suspension viscosity on the delineation of areae gastricae, (AJR), 146: 35, 1986 Rubesin SE; Levine MS: omental cakes: colonic

involvement by omental metastases, (Radiology), 154: 593, 1985 Rubesin SE; Levine MS; Glick SN: gastric

involvement by omental cakes: radiographic findings, (Gastrointest Radiol), 11: 223, 1986

Rubesin SE; Saul SH; Laufer I; Levine MS: carpet lesions of the colon, (Radiographics), 5: 537, 1997

Ru-bin C; De-chang M; Qiang-de N; et al: early scintigraphic diagnosis of femoral head necrosi following femoral neck fractures, (Radiology), 153: 282, 1984

153: 282, 1984
Rubin D; Graham R; Cronhelm C; et al: echogenic hematometra mimicking endometrial carcinoma, () Ultrasound Med), 4: 47, 1985
Rubin DB See Lichtenfeld PJ
Rubin DL; Blank N: rapid pulmonary dissemination in mycosis fungoides simulating pneumonia. case report and review of the literature, (Radiology), 158: 565, 1986
Rubin E See Niklason LT
Rubin E See Teixidor HS

Rubin E See lexidor HS
Rubin E; Dunham WK; Stanley RJ: Pancreatic
metastases in bone sarcomas: CT demonstration
(JCAT), 9: 886, 1985
Rubin E; Miller VE; Berland LL; et al: hand-held
real-time breast sonography, (AJR), 144: 623,
1985

Rubin E; Russinovich NAE; Luna RF; et al: myelolipoma of the liver, (Radiology), 156: 266, 1985

Rubin E; Shin MS: pleural and extrapleural disea in nocardia infections, (Radiology), 155: 269,

Rubin G: altered anterior axillary fold in radical mastectomy still present after breast reconstruction, (Br J Radiol), 59: 178, 1986

reconstruction, (Br J Radiol), 59: 178, 1986
Rubin JB See Enzmann DR
Rubin JM See Heater K
Rubin JM See St. Amour TE
Rubin JM, Jaisen AM, DiPietro MA: ambiguities in
MR imaging of tumoral cysts in the spinal cord,
(JCAT), 10: 395, 1986
Rubin JM; Dohrmann GJ: efficacy of intraoperative
US for evaluating intracranial masses,
(Radiology), 157: 509, 1985
Rubin JM; Dohrmann GJ: intraoperative
sonography of the spine and spinal cord, (Semin
US CT MR), 6: 48, 1985
Rubin JM: Dohrmann GI: spine and spinal cord

US CT MR), 6: 48, 1985. Rubin JM; Dohrmann GJ: spine and spinal cord during neurosurgical operations: real-time ultrasonography, (Radiology), 155: 197, 1985. Rubin P; Finkelstein JN; Siemann DW; et al: predictive biochemical assays for late radiation effects, (Int J Radiat Oncol Biol Phys), 12: 469,

1986
Rubin P; Zagars G; Chuang C; et al: Hodgkin's
disease: is there a price for successful treatment?
25-year experience, (Int J Radiat Oncol Biol
Phys), 12: 153, 1986
Rubin RH See Serrano A

Rubin SA; Meier RS; Schreiber MH: alumni perceptions of adequacy of training in diagnostic radiology, (Invest Radiol), 21: 492, 1986

Rubinow A See O'Connor CR Rubinson HA See Pitchenik AE Rubinson HA See Pitchenik AE Rubinstein A; Morecki R; Silverman B; et al: pulmonary disease in children with acquired immune deficiency syndrome and AIDS-related complex, (Radiology), 160: 862, 1986

complex, (Radiology), 160: 862, 1986
Rubinstein I: expanding spectrum of pulmonary
disease caused by nontuberculous mycobacteria,
(Radiology), 159: 815, 1986
Rubinstein L See Schwimer SR
Rubinstein U See Fogelfeld L
Rubinstein ZJ See Morag B
Ruby LK; Stinson J; Belsky MR: natural history of
scaphoid nonunion, (Radiology), 156: 856, 1985
Rucker L; Frye EB; Staten MA: usefulness of
screening chest roentgenograms in preoperative

Rucker L; Frye EB; Staten MA: usefulness of screening chest roentgenograms in preoperative patients, (Radiology), 151: 817, 1984
Ruckman RN See Perry LW
Rucknagel D See Lande IM
Rudan N; Nola P; Popovic S: primary adenocarcinoma of the duodenum. report of two cases, (Radiology), 155: 850, 1985
Rudd TG See Drane WE
Rudd TG See Littlefield JL
Rudd TG See Ricketts HJ
Rudd TG See Shuman WP

Rudd TG See Shuman WP Ruddell WSJ See Hamilton

Ruddell WSJ See Hamilton I
Rudderman R See Rosenthal D
Rudicel SA See Ogden JA
Rudick RA See Simon JH
Rudick RA, Jacobs L; Kinkel PR; et al: isolated
idiopathic optic neuritis: analysis of free K-light
chains in crebrospinal fluid and correlation
with nuclear magnetic resonance findings,
(Radiology), 160: 861, 1986
Rudick RA; Schiffer RB; Schwetz KM; et al:
multiple sclerosis: problem of incorrect
diagnosis, (Radiology), 161: 576, 1986
Rudin S See Bednarek DR
Rudin S See Bednarek DR

Rudin S See Kaczmarek RG Rudolph J; Joubert M: encephalo-angiomatosis in black children. a report of 2 cases, (Radiology), black children 152: 849, 1984

Rudy DC; Woodside JR; Borden TA; et al: adult respiratory distress syndrome complicating percutaneous nephrolithotripsy, (Radiology), 153: 847, 1984 Rudy FR See Porter AR

Ruefenacht D See Terrier F

Ruelle A; Macchia G; Gambini C; et al: unusual appearance of brain metastasis from adenocarcinoma of colon, (Neuroradiol), 28:

Ruenzel PW See Jolesz FA
Rufenacht D-A; Merland J-J: new and original
microcatheter system for hyperselective
catheterization and endovascular treatment
without risk of arterial rupture, (J Neuroradiol), 15: 44, 1986

Rufenacht D-A; Merland J-J; Guimaraens L; et al: simple propulsion-chamber-system for the 16 gauge approach, (Neuroradiol), 28: 355, 1986 Ruff RL; Wiener SN; Leigh RJ: magnetic resonance

imaging in patients with diplopia: review, (Invest Radiol), 21: 311, 1986 Rugg TC See Mayo ME

Ruggieri J See Masson RG Ruggieri P See Capanna R Ruggieri PM See Rebner M Rugh KS See Chasen MH Rugh KS See Girard CM Ruiz JS See Stevens JM Rumack CM See Johnson JA Rumack CM See Kumpe DA

Rumack CM See Lipman SP Rumack CM See Pretorius DH

Rumack CM See Pretorius DH
Rumack CM; Manco-Johnson ML; Manco-Johnson MJ; Koops BL; Hathaway WE;
Appareti K: timing and course of neonatal intracranial hemorrhage using real-time ultrasound. (Radiology), 154: 101, 1985
Rumancik WM See Kramer EL
Rumancik WM; Bosniak MA; Rosen RJ; et al: atypical renal and pararenal hamartomas associated with lymphangiomyomatosis, (AJR), 142: 971, 1984
Rumancik WM: Meeihow Al: Bosniak MA et al:

Rumancik WM: Megibow AJ; Bosniak MA; et al: metastatic disease to the pancreas: evaluation by computed tomography, (Radiology), 155: 860, 1985

Rumbaugh CL See Manzione JV

Rumberger JA See Rees MR Rumberger JA See Rees MR Runge VM; Clanton JA; Herzer WA; Gibbs SJ; Price AC; Partain CL; James AE Jr: intravascular contrast agents suitable for magnetic resonance imaging, (Radiology), 153: 171, 1984

Runge VM; Clanton JA; Partain CL; James AE Jr: respiratory gating in magnetic resonance imaging at 0.5 tesla, (Radiology), 151: 521, 1984

Runge VM; Clanton JA; Price AC; et al: evaluation of contrast-enhanced MR imaging in a brain-abscess model, (AJNR), 6: 139, 1985

anssess model, (AJNK), 8: 139, 1989.
Runge VM; Foster MA; Clanton JA; Jones MM;
Lukehart CM; Hutchison JMS; Mallard JR;
Smith FW; Partain CL; James AE Jr: contrast
enhancement of magnetic resonance images
chromium EDTA: an experimental study,
(Radiology), 152: 123, 1984

(Radiology), 152: 123, 1984

Runge VM; Price AC; Kirshner HS; et al: magnetic resonance imaging of multiple sclerosis: a study of pulse-technique efficacy, (A]NR), 5: 691, 1984

Runge VM; Price AC; Kirshner HS; Allen JH; Partain CL; James AE Jr: evaluation of multiple sclerosis by magnetic resonance imaging, (Radiographics), 6: 203, 1986

Runge W See Zollikofer CL

Runyon BA; Hoefs JC: peritoneal lymphomatosis with ascites: characterization, (Radiology), 161: 282, 1986

282, 1986

Rupani HD; Holder LE; Espinola DA; Engin SI: three-phase radionuclide bone imaging in sports medicine, (Radiology), 156: 187, 1985 Rupp N See Anacker H

Rupp N See Reiser M Rurik GW See Kinney TB Ruscalleda J See Manelfe C

Ruscalleda J; Peiro A: prognostic factors in intraparenchymatous hematoma with ventricular hemorrhage, (Neuroradiol), 28: 34,

Rusch O: arteria vertebralis—traumatologie und funktionelle pathologie (the vertebral artery—traumatology and functional pathology), (Radiology), 157: 418, 1985

Rusch O: phlebographie der bein- und beckenvenen (venography of the lower extremities and pelvis). 3d ed., (Radiology), 160: 118, 1986 Ruschhaupt WF See Graor RA Rush CL See Lisbona R

Rush M See Goldstein MS

Rush M: Thomas M; Zyroff J; et al: duplex scanning with continuous wave Doppler for carotid disease, (Radiology), 159: 575, 1986 Rush PJ; Wilmot D; Shore A: hydroxyapatite deposition disease presenting as calcific periar

Rushton DI; Preston PR; Durbin GM: structure and evolution of echo-dense lesions in the neonatal brain: combined ultrasound and necropsy study, (Radiology), 160: 287, 1986

Rushton FW See Kukora JS Ruskin IA See Wells RG

Ruskin JA; Haughton VM: CT findings in adult Reve syndrome. (AINR), 6: 446, 1985 Russ GA: radiopharmacy and radiopharma yearbook 1, (Radiology), 160: 328, 1986

Russ GA: safety and efficacy and radiopharmaceuticals, (Radiology), 154: 212, 1985

Russ M See Herring MB Russ PD; Zavitz WR; Pretorius DH; et al: hydrometrocolpos, uterus didelphys, and septate vagina: antenatal sonographic diagnosis, (J Ultrasound Med), 5: 211, 1986 Russell AH See Schoenecker SA

Russell AF See Schoenecker SA
Russell AS See Lentle BC
Russell AS See Lentle BC
Russell CD; Rowell K; Scott JW: quality control of
technetium-99m DTPA: correlation of analytic
tests with in vivo protein binding in man, [J
Nucl Med), 27: 560, 1986

Nucl Med), 27: 500, 1986
Russell DM; Bhathal FS; 5t. John DJB: complete
remission in Cronkhite-Canada syndrome,
(Radiology), 151: 544, 1984
Russell E See Horowitz MD
Russell E See Mendez G Jr

Russell E See Mendez G Jr
Russell E See Nunez D Jr
Russell E; Yrizarry JM; Huber JS; Nunez D Jr;
Hutson DG; Schiff E; Reddy KR; Jeffers LJ;
Williams A: percutaneous transjejunal biliary
dilatation: alternate management for benign
strictures, (Radiology). 159; 209, 1986
Russell EJ See Bozynski ME
Russell EJ See Huckman MS

Russell EJ see Fluckman MS: Russell EJ: functional angiography of the head and neck, (AJNR), 7: 927, 1986 Russell EJ: Czervionke LF; Huckman MS; et al: CT of the inferomedial orbit and the lacrimal drainage apparatus: normal and pathologic anatomy, (AJNR), 6: 759, 1985

anatomy, (AJNR), 6: 759, 1985
Russell EJ; D'Angelo CM; Zimmerman RD;
Czervionke LF; Huckman MS: cervical disk
herniation: CT demonstration after contrast
enhancement, (Radiology), 152: 703, 1984
Russell JGB See Hufton AP

Russell JGB See Hutton AP
Russell JGB assessment of priorities when
introducing some radiation protection methods
in radiodiagnosis, (Br J Radiol), 59: 153, 1986
Russell JGB: rise and fall of the ten-day rule, (Br J
Radiol), 59: 3, 1986

Russell KB See Swartz JD Russell RCG See Rashleigh-Belcher HJC Russell WF See Morano JU Russell WJ See Hayabuchi N

Russell WJ See Murayama S Russin LD: hydrosalpinx and tubal torsion: late complication of tubal ligation, (Radiology), 159: 115, 1986

Russinovich NAE See Rubin E Russo A See D'Avella D Russo A See Kinsella TJ

Russo A See Kinsella TJ Russo A; Tochner Z; Phillips T; et al: in vivo modulation of glutathione by buthionine sulfoximine: effect on marrow response to melphalan, (Int J Radiat Oncol Biol Phys), 12: 1187, 1986

Russo LR Jr; Goldstein KH: diagnostic assessment of single seizures: is cranial computed tomography necessary?, (Radiology), 152: 556,

1984
Russo MP See Ashton SS
Rustgi SN: dose distribution under external eye
shields for high energy electrons, (Int J Radiat
Oncol Biol Phys), 12: 141, 1986
Rutgeerts LJ See Verbanck JJ
Ruth TJ See Adam MJ
Rutner AB: ure

basketing, (Radiology), 154: 273, 1985 Rutsky EA See Van Dyke JA

Rutter N See Chrispin A Ryall RL See Hakenberg OW

Ryall RL See Hakenberg OW
Ryan FP See Parker LA
Ryan JA See Freeny PC
Ryan JM See Mahapatra S
Ryan LM See Kneeland JB
Ryan PJ; Davis MA; DeGaeta LR; Woda B;
Melchior DL: liposomes loaded with contrast
material for image enhancement in CT. work in
progress, (Radiology), 152; 759, 1984
Ryan T See Laing FC
Ryback LP See Konrad HR
Rydholm A See Pettersson H
Rylander G See Leone CR Jr
Ryoo MC: painless propotosis in an elderly woman.

Ryoo MC: painless proptosis in an elderly woman, (AJR), 142: 1052, 1984

AJR), 142: 1032, 1964
Rysavy J See Schneider JR
Rysavy J A See Cragg AH
Rysavy JA See Hunter DW
Rysavy JA See Hunter DW
Rysavy JA See Lund G
Rytting JE See Hayden CK Jr
Ryttow N; Blichert-Toft M; Madsen EL; et al:

influence of adjuvant irradiation on shoulder joint function after mastectomy for breast carcinoma, (Radiology), 151: 280, 1984 Ryva JC See Wilbur AC

Ryvicker MJ See Schatz SL

Rywlin AM See Ros PR

Rzedzian R; Doyle M; Mansfield P; et al: echo planar imaging in paediatrics: real-time nuclear magnetic resonance, (Radiology), 153: 566, 1984 Rzeszotarski MS See Droege RT Rzeszotarski MS See Wiener SN

S

Saad AH; Williams AR: effects of therapeutic ultrasound on the activity of the mononuclear phagocyte system *in vivo*, (Ultrasound Med Biol), 12: 145, 1986

12: 143, 1950
Saad JJ: pars superioris in endolymphatic hydrops,
(Radiology), 156: 568, 1985
Saah AJ See Henderson DK
Saarinen UM: radiation therapy of lymphoblastic
renal masses—benefit or hazard?, (Radiology),
155: 511, 1985

Saba RM See Casola G

Sabau MN; Radkowski MA; Vyborny CJ: radiation exposure due to scatter in neonatal radiographic procedures, (AJR), 144: 811, 1985

Sabbagh EA See Fraser RG Sabbagh EA See Niklason LT Sabbah HN See Stein PD

Sabbah HN See Stein PD Sabbah R See Cumming WA Sabeti V See MacMahon H Sable RA; Rosenthal WS; Siegal J; et al: absorption of contrast medium during ERCP, (Radiology), 151: 819, 1984

Sabshin JK See Bhimani S Sacco R See D'Alessio T

Sactor B See IJ Alessio T Sachar DB; Wolfson DM; Greenstein AJ; et al: risk factors for postoperative recurrence of Crohn disease, (Radiology), 153: 561, 1984 Sachdev HS See Snyder TC Sachdev VP See Som PM

Sacher M See Lanzieri CF Sacher M See Schaeffer BT

Sacher M See Som PM
Sacher M; Som PM; Lanzieri CF; et al: malignant

teratoma of the parapharyngeal space in an adult: rare lesion presenting as cervical cord compression, (CT), 10: 37, 1986 Sachs L See Cohen LM Sachs M See Winzelberg GG Sack DI See McNeil BI

Sackellares JC See Latack JT Sackett IF See Archer CW Sackett JF See Latchaw RE Sackett JF See Malnor MD Sackett JF See Turski PA Sackler JP See Hirsch G

Sacker Jr See Austin RM Sacks GA See James AE Jr Sacks GA See Shaff MI Sadamoto K See Fukui K Sadamoto K See Yamamoto Y

Saddekni S See Sniderman KW Saddekni S See Sos TA

Saddekni S See Sos TA
Saddekni S See Srur MF
Saddekni S; Sos TA; Sniderman KW; Srur M;
Bodner LJ; Kneeland JB; Cahill PT: Optimal
injection technique for intravenous digital
subtraction angiography: animal and clinical
studies of right atrial injection using small
volumes (25 ml) at a high rate (35 ml sec). work
in progress, (Radiology), 150: 655, 1984
Saddekni S; Sos TA; Srur M; et al: contrast
administration and techniques of digital

Saddekni 5; 50s 1A; 5rur M; et al: contrast administration and techniques of digital subtraction angiography performance, (Radiol Clin North Am), 23: 275, 1985 Saddekni 5; 5rur M; Cohn DJ; Rozenblit G; Wetter EB; 50s TA: antegrade catheterization of the superficial femoral artery, (Radiology), 157: 531, 1985

Sadeghi-Nejad A See Abayomi OK Sadek S See Nawaz K Sadree A See Mirfakhraee M Saeed M See Cohan RH Saeki M See Ishikawa T Saenger EL See Kereiakes JG

Saenger EL See Keretakes JG Saenger EL See Nishiyama H Saez F, Pena JM, Martinez A, et al: carcinomas in vesical diverticula: role of ultrasound, (Radiology), 157: 862, 1985 Saffer EA See Fisher B Saffer SI See Fisher B

Saffer SI See Nixon JV
Safrit H See Jaques PF
Sagalowsky AI See McConnell JD
Sagar S; Grime JS; Little W; et al: technetium-99m
labelled bran: a new agent for measuring gastric
emptying, (Radiology), 150: 302, 1984
Sage MR See Crosbie DC
Sage MR See Sykes JT
Sage MR See Wilcox J
Sage MR Wilcox I; Evill CA: et al: comparison of

e MK See Wilcox J; Evill CA; et al: comparison of blood-brain barrier disruption following intracarotid metrizamide and methylglucamine iothalamate (conray 280), (Radiology), 150: 862,

1986

St. Amour TE; McClennan BL; Glazer HS: pancreatic mumps: transient reaction to IV contrast media (case report), (AJR), 147: 188, 1986

St. Amour TE; Rubin JM; Dohrmann GJ: central canal of the spinal cord: ultrasonic identification, (Radiology), 152: 767, 1984

Saint-Georges G See Charlebois N

Saint-Georges G; Aube M: safety of outpatient angiography: prospective study, (AJR), 144: 235, 1985 St. Germain J: institutional storage and disposal radioactive materials, (Semin Nucl Med), 16: St. Germain J: radiation protection programs in nuclear medicine, (Semin Nucl Med), 16: 198, St. Germain J: radioactive patient, (Semin Nucl Med), 16: 179, 1986 St. John DJB See Russell DM St. John JN; Palmaz JC: cubital tunnel in ulnar entrapment neuropathy, (Radiology), 158: 119, St. John Brown B: how safe is diagnostic ultrasonography?, (Radiology), 155: 285, 1985 St. Louis EL See Gray RR St. Louis EL: See Vezina CT St. Louis EL; Gray RR; Grosman H: simplified St. Louis EL; Gray RR; Grosman H: simplified technique of internal pudendal angiography in the investigation of impotence, (Cardiovasc Intervent Radiol), 9: 22, 1986

Saint-Louis L See Albert A

Saint-Louis LA See Zimmerman RD

St. Pierre RK See Szczuskowski M Jr

St. Pierre RK See Szczuskowski M Jr

St. Pierre S; Baker SR: squamous cell carcinoma of the maxillary sinus: analysis of 66 cases, (Radiology, 151: 553, 1984

Saisho H See Ebara M

Saith A See Rakano H Saisho H See Ébara M
Saito A See Nakano H
Saito M See Ohnishi K
Saito S See Kondo M
Saito S See Tsuchida Y
Saito T See Ishikawa I
Saito Y See Ishikawa I
Saito Y See Ishikawa I
Saito M: selective renal biopsy under ultrasonic
real-time guidance, (Radiology), 153: 573, 1984
Saitoh R See Tsuchiya F
Sakai H; Nakamura N: physiological calcification of
the septum pellucidum, (Neuroradiol), 28: 173,
1986

Sagel SS See Aronberg DJ Sagel SS See DiSantis DJ Sagel SS See Glazer HS Sakai Y See Sato T Sakakibara H See Beppu S Sakamaki T See Tei C Sagel SS See Martin KW Sagel SS See Press GA Sakano K See Shihamoto V Sakata J See Nakayama S Sagel SS See Fress GA Sagel SS See Siegel MJ Sagel SS See Van Dyke JA Sagel SS See Van Dyke JA Sagel SS See Van Duke JA Sagel SS See Zerhouni EA Sagel SS: solitary pulmonary nodule: role of CT, (AJR), 147: 26, 1986 Sakata K See Kawata R Sakimura IT See Stewart CA Saks BJ See Brody AS Saks BJ See Brody AS

Saks BJ: normal acetabular anatomy for acetabular fracture assessment: CT and plain film correlation, (Radiology), 159; 139, 1986

Saksouk F; Tipton-Donovan A; Amis ES Ir; et al: computed tomography of perirenal and pararenal inflammatory disease complicating renal calculi, (Radiology), 155; 284, 1985

Saksouk FA; Fahl MH; Rizk GK: computed tomography of pulmonary hydatid disease, (JCAT), 10: 226, 1986

Sakuma S See Ishigaki T (AJR), 147: 26, 1986
Sagerman RH 5ee Prasad SC
Sagerman RH; Yu WS; Chung CT; Puranik A:
external-beam irradiation of carcinoma of the
penis, (Radiology), 152: 183, 1984
Saha MM; Kapoor R: aneurysmal bone cyst of the
frontal bone—case report, (Australas Radiol), 30:
8, 1986
Sahar DI See Ames MD. Sahar DI See Ames MD Sakuma S See Ishigaki T Sahar DI See Ames MD Sahler LG See Morris TW Sahn DJ See Chernin MM Sahn DJ See Fisher DC Sahn DJ See Goldberg SJ Sahn DJ See Lima CO Sahn DJ See Reed KL Sahn SA See Miller KS Sakurai T See Shimizu K Salai M; Chechick A; Ganel A; et al: subluxation of the hip joint during femoral lengthening, (Radiology), 159: 572, 1986 Salamon G See Gelbert F Salardi S See Orsini LF Salardi S; Orsini LF; Cacciari E; et al: pelvic Sahn AL; Nishioka H; Torner JC; et al: cooperative study of intracranial aneurysms and subarachnoid hemorrhage: long-term prognostic study, (Radiology), 156: 277, 1985 Saibil EA See Heier LA ultrasonography in premenarcheal girls: relation to puberty and sex hormone concentrations, (Radiology), 157: 571, 1985 Salazar J See Winer-Muram HT Saibil EA See Heier LA
Saibil EA: renal trauma: radiological studies,
(Radiology), 158: 563, 1986
Saibil EA; Howard BA; McKee JD; et al:
subcutaneous lymphocele following trauma to
the thoracic duct, (J Canad Assoc Radiol), 37:
212 1982 Salazar JE See Ellis JV Salazar JE See Ellis JV Salazar JE See Gavant ML Salazar JE See Kavanagh KT Salazar JE; Duke RA; Ellis JV: second branchial cleft cyst: unusual location and a new CT diagnostic sign, (AJR), 145: 965, 1985 diagnostic sign, (AJK), 145: 965, 1985
Salazar JE; Duke RA; Winer-Muram HT: locking and unlocking of the knee: arthrographic demonstration, (AJR), 146: 575, 1986
Salazar JE; Johnson JB; Scott RL: perforation of renal pelvis by internal ureteral stents, (AJR), 143: 816, 1984 213, 1986
Saigh J; Williams S; Cawley K; et al: varices: cause of focal gallbladder wall thickening, (J Ultrasound Med), 4: 371, 1985
Saini S See Edelman RR Saini S See Greif WL Saini S See Loflin TG Saini S See Mueller PR Saini S See Stark DD Saini S See Stratemeier EJ Saini S; Stark DD; Brady TJ; et al: dynamic spin-echo MRI of liver cancer using gadolinium-DTPA: animal investigation, (AJR), 147: 357,

143: \$16, 1984

Salazar JL: medical and surgical treatment of ruptured and unruptured intracranial aneurysms, (Radiology), 152: 855, 1984

Salazar OM See Sewchand W

Salazar OM; Slawson RG; Poussin-Rosillo H; et al: prospective randomized trial comparing onceaweek vs daily radiation therapy for locally-advanced, non-metsatatic, lung cancer: preliminary report, (Int J Radiat Oncol Biol Phys), 12: 779, 1986

Salcedo EE See Bellamy GR

Salcedo EE See Detrano R Salem D See Gottschalk SC Salibu NA; Lourie GI; Lourie H: variant of normal-pressure hydrocephalus simulating Pick's disease on computerized tomography. report of two cases, (Radiology), 152: 855, 1984

Salimi Z; Vas W; Restrepo G: joint scintigraphy using technetium-99m pyrophosphate in experimental hemarthrosis, (J Nucl Med), 27: 246, 1986

Salimi Z, Vas W; Tang-Barton P; et al: assessment of tissue viability in frostbite by <sup>99m</sup>Tc pertechnetate scintigraphy, (AJR), 142: 415, 1984 Salimi Z; Wolverson MK; Herbold DR; Vas W:

frostbite: experimental assessment of tissue damage using Tc-99m pyrophosphate. work in progress, (Radiology), 161: 227, 1986

Salit IE: Detsky AS; Simor AE; et al: gallium-67 scanning in the diagnosis of postoperative sternal osteomyelitis, (Radiology), 153: 283, 1984

Salmi A See Livraghi T

Salmons S See Hillman LS Saloheimo M See Huhti E Salomon CG; Ali A; Fordham EW: bone scintigraphy in tuberculous sacrollitis, (Clin Nucl Med), 11: 407, 1986 Salomon JC See Rapport S Salomonowitz E See Cragg AH

Salomonowitz E See Frick MP Salomonowitz E See Hajek PC Salomonowitz E See Hunter DW Salomonowitz E See Kumpan W Salomonowitz E See Lund G

Salmon A See Bedi DG

Salomonowitz E See Tadavarthy SM Salomonowitz E See Wittich G Salomonowitz E See Zollikofer CL

Salomonowitz E; Castaneda-Zuniga WR; Bass JL; et al: transhepatic collateral pathway due to vena caval obstruction, (AJR), 142: 1210, 1984

vena caval obstruction, (AJK), 142: 1210, 1984 monowitz E; Castaneda-Zuniga WR; Lange PH; Cragg AH; Lund G; Hunter DW; Coleman CC; Amplatz K: percutaneous renal stone removal. use of carbon dioxide as contrast material, (Radiology), 150: 833, 1984

Omonowitz E; Castaneda-Zuniga WR; Lund G; Cragg AH; Hunter DW; Coleman CC; Amplatz K: balloon dilatation of benign biliary strictures, (Radiology), 151: 613, 1984

Salomonowitz E; Edwards JE; Hunter DW; et al: three types of aortic diverticula, (AJR), 142: 673, 1984

Salomonowitz E; Frick MP; Cragg AH; et al: adhesiometer: a simple device to measure adherence of barium sulfate to intestinal mucosa, (AJR), 142: 721, 1984

adnerence of oarium suitate to interstinal mucosa, (A/R), 142: 721, 1984

Salomonowitz E; Frick MP; Morin RL; et al: hydrophilic-lipophilic balance as predictor of mucus coating with barium sulfate, (Gastruintest Radiol), 11: 93, 1986

Salomonowitz E; Kotula F; Coleman CC; Hunter DW; Castaneda-Zuniga WR; Amplatz K: balloon-inflation device: the inflation helix, (Radiology), 150: 587, 1984

Salomonowitz E; Wittich G; Czembirek H: experience with small bowel double-contrast examinations, (Radiology), 150: 855, 1984

Salsberg BB See Leekam RN

Salter RB See Bogoch E

Salter RB See O'Brien T

Saltzman DH See Benson CB

Saltzman DH See Bundy AL

Saltuk PH See Popky GL

Saluk PH See Popky GL Salviani JA See Noz ME Salyer KE See Currarino G Salzman FA See Lo TCM Salzman 1; Kuligowska E; Semine A: pseudoomphalocele: pitfall in fetal sonography, (AJR), 146: 1283, 1986

(AJN), 140: 1283, 1986
Samaan NA; Vieto R; Schultz PN; et al:
hypothalamic, pituitary and thyroid
dysfunction after radiotherapy to the head and
neck, (Radiology), 150: 294, 1984
Samach M See Swayne LC

Samhouri F See Cruz C Samin A See McAfee JG Samlowski WE; Eyre HJ; Sause WT: evaluation of the response of unresectable carcinoid tumors to radiotherapy, (Int J Radiat Oncol Biol Phys), 12: 301, 1986

Sammon JK See Teplick SK
Sammon JK; Teplick SK; Haskin PH: insertion of a large-caliber biliary endoprosthesis via the T-tube tract (technical note), (AJR), 147: 164, 1986

Sampathkumaran KS See Miller TR Sampson MB See Beckman CRB Sampson MG See Messina MS

Sampson MG See Messina MS
Samson RH; Sprayregen S; Veith FJ; et al:
management of angioplasty complications,
unsuccessful procedures and early and late
failures, (Radiology, 154: 850, 1985
Samuel D See Paramsothy M
Samuel N; Dicker D; Landman J; et al: early
diagnosis and intrauterine therapy of meconium
plug syndrome in the fetus: risks and benefits, (J
Ultrasound Med.) 5: 425, 1986
Samuels BI See Bowerman RA
Samuels BI See Gebarski KS

Samuels BI See Gebarski KS
Samuels BI; Freitas JE; Bree RL; Schwab RE;
Heller ST: radionuclide hepatobiliary imaging
and real-time ultrasound in the detection of
acute cholecystitis: reply, (Radiology), 152: 238,
1884

nuels BI; Freitas JE; Gross MD: pragmatic review of gallbladder imaging, (Semin US CT MR), 6: 156, 1985

156, 1985
Samuels LD See Goodgold HM
Samuelson WM See MacGregor JH
Samuelsson L; Forsberg L; Oisson AM: accuracy of radiological staging procedures in nonseminomatous testis cancer compared with findings from surgical exploration and histopathological studies of extirpated tissue, (Br J Radiol), 59: 131, 1986

nuelsson L; Hambraeus GM; Mercke CE; et al:

Samueisson I.; Hambraeus Uni; Mercke Ce; et al: CT staging of oesophageal carcinoma, (Radiology), 154: 567, 1985 Samulski TV; Lyons BE; Britt RH: temperature measurements in high thermal gradients: II. analysis of conduction effects, (Radiology), 157: 576, 1985

576, 1985
Sanchez FW See Reinig JW
Sanchez FW; Chuang VP; Murray DR; et al: DSA
evaluation of surgically implantable Infusaid
pump-catheter systems, (AJR), 146: 839, 1986
Sanchez FW; Gordon L; Curry NS: photopenic
defect within transplanted kidney, (Semin Nucl
Med.), 14: 342, 1984

Sanchez FW; Rogers JM; Vujic I; et al: transcatheter

control of postpolypectomy hemorrhage, (Gastrointest Radiol), 11: 254, 1986 Sanchez O See Naseem M

Sand T; Anda S; Hellum K; et al: chemical meningitis in metrizamide myelography: report of seven cases, (Neuroradiol), 28: 69, 1986 Sandbu J See Westby M Sandeman D See Simpson A Sandercock P; Molyneux A; Warlow C: value of

computed tomography in patients with stroke: Oxfordshire community stroke project, (Radiology), **156**: 567, 1985 Sanders IA See Lin DS

Sakai K See Igawa S Sakai M See Moriyasu F Sakai Mylwake H; Shinkawa A; et al: Klippert-Feil syndrome with conductive deafness and histological findings of removed stapes, (Radiology), 150: 294, 1984

Sanders JN See Barnes GT Sanders KM; Resnik CS; Owen DS: erosive arthritis in Cronkhite-Canada syndrome, (Radiology), 156: 309, 1985

Sanders R; Graham D: twelve cases of hydronephrosis in utero diagnosed by ultrasonography, (Radiology), 150: 869, 1984 Sanders RC See Dahnert WF Sanders RC See Graham D

Sanders RC See Graham D
Sanders RC See Nussbaum AR
Sanders RC See Roberts JL
Sanders RC See Scatarige JC
Sanders RC: ultrasound in pelvic malignancy, (Clin
Diagn Ultrasound), 15: 139, 1984

Diagn Ultrasound). 15: 139, 1984
Sanders RC; Hartman DS: sonographic distinction
between neonatal multicystic kidney and
hydronephrosis, (Radiology), 151: 621, 1984
Sanders SF See Chin AJ
Sanders W See Lee KR
Sanderson DR See Fontana RS
Sanderson WT See Castellan RM
Sandhu TS: measurement of blood flow using
temperature decay: effect of thermal
conduction, (Int J Radiat Oncol Biol Phys), 12:
373, 1986

373 1986

373, 1986
Sandin B See Wilkins RA
Sandler CM See Hezmall HP
Sandler CM See Kim EE
Sandler CM; Hall JT; Rodriguez MB; Corriere JN
Jr: bladder injury in blunt pelvic trauma,
(Radiology), 158: 633, 1986
Sandler M See Wagener G
Sandler M See Wagener G
Sandler MA See Alpern MB
Sandler MA See Raro JJ
Sandler MA See Raro JJ
Sandler MA See Paralberg JL
Sandler MA; Alpern MB; Madrazo BL;
Gitschlag KF: inflammatory lesions of the
groin: ultrasonic evaluation, (Radiology), 151:
747, 1984
Sandler MA; Beute GH; Madrazo BL; Hudak SF;

Sandler MA; Beute GH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM: ultrasound case of the day, (Radiographics), 6:

ultrasound case of the day, (Radiographics), 6:
734, 1986
Sandler MA; Beute GH; Madrazo BL; Hudak SF;
Walter R; Haggar AH; Maywood CM:
ultrasound case of the day: annual meeting
1985, (Radiographics), 6: 512, 1986
Sandler MA; Beute GH; Madrazo BL; Hudak SF;
Walter R; Haggar AH; Maywood CM:
ultrasound case of the day: annual meeting,
1985, (Radiographics), 6: 921, 1986
Sandler MA; Beute GH; Madrazo BL; Hudak SF;
Walter R; Haggar AH; Maywood CM:
ultrasound case of the day, annual meeting,
1985, (Radiographics), 6: 1096, 1986
Sandler MF; See Fellmeth BD
Sandler MF; See Leman S;
Sandlin ME See Bryan RN
Sandok BA See Earnest F IV
Sandor T See Henschke CI
Sandor T See LeMay M
Sandor JW See Klein JL
San Dretto MA; Carrera GF; double fat fluid level:
lipohematrhrosis of the knee associated with
suprapatellar plica synovialis, (Radiology), 153:
269, 1984
SanDretto MA; Scanlon GT; multiple mycotic
pulmonary artery aneurysms secondary to

269, 1984
SanDretto MA; Scanlon GT: multiple mycotic pulmonary artery aneurysms secondary to intravenous drug abuse. (AIR). 142: 89, 1984
SanDretto MA; Wartinbee DR; Carrera GF; et al: suprapatellar plica synovialis: a common arthrographic finding, (Radiology), 150: 856, 1984

Sands H; Delano ML; Gallagher BM: uptake of hexakis(t-butylisonitrile) technetium (I) and hexakis(isopropylisonitrile) technetium (I) by neonatal rat myocytes and human erythrocytes, (J Nucl Med), 27: 404, 1986

Sandstedt B See Eklof O Sandt G See Kaiser MC Sane DC See MacGregor JH Sane DC See MacGregor JH
Sane P See Silver AJ
Sane S See Day DL
Sanerkin N See Bathurst N
San Galli F See Brendel AJ
Sanger JJ See Kramer EL
Sanger JJ See Tubat E
Sanger JS See Tiu S
Sankey RR See Gonzalez AC
Sannivar T See Koeules S

Sanmiva T See Kosuda S Sanna G See Zappasodi F Sano A See Sasai K

Sano A; Nishizawa S; Sasai K; et al: contrast echocardiography in detection of portopulmonary venous anastomasis, (AJR), 142: 137, 1984

Sano N; Nagao H; Morimoto M; et al: infantile sudanophilic leukodystrophy: computed tomography demonstration, (Neuroradiol), 28: 170, 1986

Santa-Cruz FR See Hayden CK Jr Santa-Cruz FR See Kumar R

Santi V See Bolondi L Santiago EM See Radin DR Santora AC II See Krudy AG Santoro G See D'Avella D Santos-Ramos R See Weinreb JC

Sapareto SA; Dewey WC: thermal dose determination in cancer therapy, (Radiology), 155: 288, 1985

Sapienza A See McNeil BJ

Sapozink MD; Kaplan HS: intracranial Hodgkin's disease. a report of 12 cases and review of the literature, (Radiology), 151: 825, 1984

Saravolatz L See Pearlberg JL Sardet A See Schmit P

Sargent A See Schmit I'
Sargent EN; Boswell WD Jr; Ralls PW;
Markovitz A: subpleural fat pads in patients
exposed to asbestos: distinction from noncalcified pleural plaques, (Radiology), 152: 273,
1984

Saritch I See Esser J Sarnaik S See Lande IM Sarnelli R See Landini L

Sarno JB: transient expressive (nonfluent) dysphasia after metrizamide myelography, (AJNR), 6: 945, 1985

Sarno RC; Carter BL; Bankoff MS; et al: computed tomography in tarsal coalition, (JCAT), 8: 1155, 1984

Sarrat P See Chevrot L Sarrazin D See Tubiana M Sarti D See Holliday J Sarti D See Kalovidouris A Sarti D See Kimme-Smith C Sarti DA See De Vore GR Sartor K See Aboulezz AO Sartor K See Karnaze MG Sartoris D See Jacob J Sartoris DJ See Bielecki DK Sartoris DJ See Dowd CF

Sartoris DJ See Lafferty CM Sartoris DJ See Ramos A Sartoris DJ; Andre M; Resnik CS; Resnick D: trabecular bone density in the proximal femur: quantitative CT assessment, work in progress, (Radiology), 160: 707, 1986

(Radiology), 160: 707, 1986
Sartoris DJ; Clopton P; Nemcek A; Dowd C;
Resnick D: vertebral-body collapse in focal and
diffuse disease: patterns of pathologic processes,
(Radiology), 160: 479, 1986
Sartoris DJ; Gershuni DH; Akeson WH;
Holmes RE; Resnick D: coralline
hydroxyapatite bone graft substitutes:
preliminary report of radiographic evaluation,
(Radiology), 159: 133, 1986

Sartoris DJ; Guerra JJ Jr; Mattrey RF; et al: perfluoroctylbromide as a contrast agent for

perfluoroctylbromide as a contrast agent for computed tomographic imaging of septic and aseptic arthritis, (Invest Radiol), 21: 49, 1986 Sartoris DJ, Harell GS, Anderson MF; Zboralske FF: small-bowel lymphoma and regional enteritis: radiographic similarities, (Radiology), 152: 291, 1984

Sartoris DJ; Jones H: case report 343, (Skeletal Radiol), 15: 60, 1986

Sartoris DJ; Kursunoglu S; Pineda C; Kerr R; Pate D; Resnick D: detection of intra-articular osteochondral bodies in the knee using computed arthrotomography, (Radiology), 155:

542, 1703 Sartoris DJ; Luzzatti L; Weaver DD; Macfarlane JD; Hollister DW; Parker BR: type IX Ehlers-Danlos syndrome: a new variant with pathognomonic radiographic features, (Radiology), 152: 665,

Sartoris DJ; Mochizuki RM; Parker BR: lytic

Sartoris DJ; Morcizuki RM; Parker DR; Vic-clavicular lesions in fibromatosis colli, (Radiology), 153: 269, 1984 Sartoris DJ; Neumann CH; Riley RW: temporomandibular joint: true sagittal computed tomography with meniscus visualization, (Radiology), 150: 250, 1984

Sartoris DJ; Parker BR: histiccytosis X: rate and pattern of resolution of osseous lesions, (Radiology), 152: 679, 1984Sartoris DJ; Pate D; Haghighi P; et al: plasma cell sclerosis of bone: spectrum of disease, (J Canad Assoc Radiol), 37: 25, 1986

Sartoris DJ; Resnick D; Bielecki D; et al: technique for multiplanar reformation and three-dimensional analysis of computed tomographic data: application to adult hip disease, (J Canad Assoc Radiol), 37: 69, 1986

Sartoris DJ, Resnick D; Guerra JJ Jr: vertebral venous channels: CT appearance and differential considerations, (Radiology), 155:

Sartoris DJ; Resnick D; Resnik CS; et al:

Sartoris D.J; Resnick D.; Resnic C.S; et al: musculoskeletal manifestations of sarcoidosis, (Semin Roentgenol), 20: 376, 1985
Sartoris D.J.; Resnick D. T. Ysoon R; et al: age-related alterations in the vertebral spinous processes and intervening soft tissues: radiologic-pathologic correlation, (AJR), 145: 1025, 1985

Sartoris DJ; Schreiman JS; Kerr R; Resnik CS; Resnick D: sternocostoclavicular hyperostosis: review and report of 11 cases, (Radiology), 158: 125, 1986

Sartoris DJ; Sommer FG: digital film processing:

Sartoris DJ; Sommer FG: digital film processing: applications to the musculoskeletal system, (Radiology), 154: 558, 1985
Sartoris DJ; Sommer FG: film salvage using digital processing. (AJR), 142: 1225, 1984
Sartoris DJ; Sommer FG; Marcus R; et al: bone mineral density in the femoral neck: quantitative assessment using dual-energy projection radiography. (AJR), 144: 605, 1985
Sarva RP See Shreiner DP
Sarvazwan AP See Shipilkoy GV

Sarva RF See Shreiner DF Sarvazyan AF See Shilnikov GV Sarwar M See Bhimani S Sarwar M See Virapongse C Sarwar M: head and spine imaging, (Radiology), 158: 446, 1986

158: 446, 1986
Sarwar M: radionuclide imaging of the brain,
(Radiology), 159: 164, 1986
Sarwar M; Virapongse C; Bhimani SM: primary
tethered cord syndrome: a new hypothesis of its
origin, (AJNR), 5: 235, 1984
Sarwar M; Virapongse C; Carbo P: experimental
production of superior sagittal sinus thrombosis
in the dog, (AJNR), 6: 19, 1985
Sasagawa M See Takayasu K
Sasai K See Sano A

Sasai K See Sano A
Sasai K See Sano A
Sasai K; Sano A; Imanaka K; et al: right periureteric
venous ring detected by computed tomography,
(JCAT). 10: 349, 1986
Sasaki CT See Buckwalter JA

Sasaki CT See Buckwalter JA
Sasaani JW See Metz KR
Sassani JW; Osbakken MD: anatomic features of the
eye disclosed with nuclear magnetic resonance
imaging, (Radiology), 153: 856, 1984
Satchell TV See Peyster RG

Satin R See Bach DB Satin R See Dorne HL Satinger A See Marmor A Sato F See Kondo T

Sato T See Finn EJ
Sato T; Sakai Y; Ishiguro S; et al: radiologic
manifestations of early gastric lymphoma, (AJR),

Sato T; Sakai Y; Kajita A; et al: radiographic microstructures of early esophageal carcinoma: correlation of specimen radiography with pathologic findings and clinical radiography, (Castrointest Radiol), 11: 12, 1986

Sato Y See Nakata H Satoh M See Echizenya K

Satoh T; Nakasone S; Matsumoto K; et al: computed tomography of monkey brain tumors, (JCAT), 10: 827, 1986

10: 827, 1986
Satokari K See Paajanen H
Satomi G; Nakamura J; Takao A; et al: twodimensional echocardiographic detection of
pulmonary venous channel stenosis after
senning's operation, (Radiology), 151: 832, 1984
Satterlee W See Kalff V
Sattler CA See Besch GJ
Satya-Murti S See Melamed N
Satyanath S See Melamed N
Satyanath S See Melamed N

Satyanath S See Fataar S Sauer M See Strassburg HM Sauerbrei EE See Greaves F-W Sauerbrei EE See Legge M Sauerbrei EE See Lupien C Sauerbrei EE See Pandher D

Sauerbrei EE see randner U
Sauerbrei EE perinatal and infant brain imagingrole of ultrasound and computed tomography,
(Radiology), 155: 142, 1985
Sauerbrei EE: serial brain sonography in two
children with leukomalacia and cerebral palsy,
(Radiology), 154: 852, 1985

Sauerbrei EE: split image artifact in pelvic ultrasonography: anatomy and physics, (J Ultrasound Med), 4: 29, 1985

Ultrasound Med.) 4: 29, 1985
Sauerbrei EE; Pham DH: placental abruption and
subchorionic hemorrhage in the first half of
pregnancy: US appearance and clinical outcome,
(Radiology), 160: 109, 1986
Saul S See Herlinger H
Sul CM See Laview MS

Saul S See Herringer H
Saul SH See Levine MS
Saul SH See Rubesin SE
Saunders AJ See Shaw PJ
Saunders JB See Johnson RD
Saunders MI See Dische S
Saunders MI; Dische S: radiotherapy employing

Saunders MI; Dische S: radiotherapy employing three fractions in each day over a continuous period of 12 days, (Br J Radiol), 59: 523, 1386
Saunders RA See Osguthorpe JD
Sause WT See Jacobson GM
Sause WT See Samlowski WE
Sauser D See Thompson JR
Sauser DD See Schulz EE

Sauser DD See Schulz EE
Sauser DD; Hewes RC; Root L: hip changes in
spastic cerebral palsy, (AJR), 146: 1219, 1986
Sauter R See Huber DJ

Sauter R See Koenig H Sauvegrain JH See Garel LA

Savage Savage DD; Garrison RJ; Brand F; et al: prevalence Savage DD; Garrison RJ; Brand F; et al: prevalence and correlates of posterior extra echocardiographic spaces in a free-living population based sample (The Framingham Study), (Radiology), 150: 867, 1984Savage PE; Joseph AEA; Adam EJ: massive abdominal wall hematoma: real-time ultrasound localization of bleeding, (J Ultrasound Med), 4: 157, 1985 Savage PJ See Jackson CV
Savarino V; Mansi C; Bistolfi L; et al: failure of new diagnostic aids in improving detection of partcreatic cancer at a resectable stage, (Radiology), 152: 840, 1984
Savazzi GM See Cusmano F
Saverymuttu SH See Peters AM
Saverymuttu SH; Lavender JP; Hodgson HJF; et al: assessment of disease activity in inflammatory bowel disease: a new approach using "IIIn granulocyte scanning, (Radiology), 152: 870, 1984
Saverymuttu SH; Malthy P; Batman P; et al: false Savage PI See Jackson CV Saverymuttu SH; Maltby P; Batman P; et al: false positive localisation of indium-111 granulocytes in colonic carcinoma, (Br J Radiol), 59: 773, 1986 Savi A See Gerundini P Savini R See Merlini L Savini R See Merlini L Savino PJ See Weisman RA Savitch I; Kew MC; Paterson A; et al: uptake of Tc-99m di-isopropyliminodiacetic acid by hepatocellular carcinoma: concise communication, (Radiology), 153: 575, 1984 Savoiardo M; Cimino C; Passerini A; et al: mobile myelographic filling defects: spinal cysticercosis, (Neuroradiol), 28: 166, 1986 Savoiardo M; Strada L; Passerini A: intracranial cavernous hemangiomas: neuroradiologic review of 36 operated cases, (Radiology), 152: 556, 1984 Savolaine ER See Smith RR
Savolaine ER; Grecos GP; Howard J; et al: evolution
of CT findings in hepatic hematoma, (JCAT), 9:
1090, 1985 Savoldelli G See Schinzel A Sawicka EH See Willson SA

Sawada S: selective hepatic angiography using a balloon catheter guide, (Radiology), 156: 545, Sawaya R See Tew JM Jr Sawczuk IS; Reitelman C; Libby C; et al: CT findings in Addison's disease caused by tuberculosis, (Urol Radiol), 8: 44, 1986 Sawicka J See Harris J Sawyer RW See Baker KS Sawyer RW; Vick CW; Walsh JW; et al: computed tomography of benign ovarian masses, (JCAT), 9:784, 1985 Sax SL See Athey PA Saxon R See Holliday J Sayegh N See Addonizio JC
Sayle BA; Balachandran S; Rogers CA: indium-111
chloride imaging in patients with suspected
abscesses: concise communication, (Radiology),
153: 575, 1984

155: 575, 1984
Sayle BA; Fawcett HD; Wilkey DJ; et al: indium-111
chloride imaging in chronic osteomyelitis,
(Radiology), 159: 824, 1986
Sbrocca M See Ballerini G
Scaf JJ See Cremers WRJ Scaf J See Cremers WRJ
Scala V See Giorgio A
Scales FE; Katzen BT; van Breda A; Alperstein J;
Abramson E; Rhame R: impassable urethral
strictures: percutaneous transvesical
catheterization and balloon dilatation,
(Radiology), 157: 59, 1985
Scanlan KA See Cullenward MJ
Scanlon CT See SanDretto MA Scannon PJ See Engelstad BL Scardino PT See Fujino A Scatarige JC See Soulen MC Scatarige JC See Yousem DM
Scatarige JC; Fishman EK; Jones B; et al: gastric leiomyosarcoma: CT observations, (JCAT), 9:

320, 1985

Scatarige JC; Fishman EK; Sanders RC; sonographic
"Scar sign" in focal nodular hyperplasia of the
liver. (Radiology), 150: 298, 1984

Scatarige JC; Fishman EK; Zerhouni EA; et al:
transdiaphragmatic extension of invasive
thymoma, (AJR), 144: 31, 1985

Scatarige JC; Scott WW; Donovan PJ; et al: fatty
infiltration of the liver: ultrasonographic and
computed tomographic correlation, (Radiology),
153: 572, 1984

Scatliff JH See Cuttino IT Ir

Scatliff JH See Cuttino JT Jr Scatliff JH See Gaisie G Schaaf M See Doppman JL Schaake-Koning C; Bartelink H; Adema BH; et al:

Schaake-Roning C, Barrelink H; Adema Bi; et al: radiotherapy and cis-diammine dichloroplatinum (II) as a combined treatment modality for inoperable non-small cell lung cancer: dose finding study, (Int J Radiat Oncol Bio J Phys.) 12: 379, 1905. Schabel SI See Curry NS

Schabel SI See Loevinger E

Schabel SI See Stanley JH
Schabel SI: radiologic interpretation of ERCP: a clinical atlas, (Radiology), 150: 638, 1984
Schaberg A See Falke THM
Schaberg A See Falke THM
Schade JF See Richardson ML
Schade RR See Tihansky DP
Schade RR: Dugas MC; Lhotsky DM; et al: effect of metoclopramide on gastric liquid emptying in patients with diabetic gastroparesis, (Radiology), 156: 625, 1985
Schaefer A See Papile L-A
Schaefer DJ See Shellock FG
Schaefer DJ; Maravilla KR; Close LG; et al: evaluation of NMR versus CT for parotid masses: preliminary report, (Radiology), 159: 823, 1986
Schaefer SD; Maravilla KR; Suss RA; et al: Schabel SI See Stanley JH

o.23, 1986

Schaefer SD; Maravilla KR; Suss RA; et al:
magnetic resonance imaging versus computed
tomography: comparison in imaging oral cavity
and pharyngeal carcinomas, (Radiology), 160:
860, 1986 Schaefer SD; Merkel M; Burns DK; et al: computed

squamous cell carcinoma. assessment following induction chemotherapy, (Radiology), 153: 856,

Induction Chemotherapy, (Radiology), 153: 656, 1984

Schaeffer A See Mathieu D

Schaeffer AJ; Grayhack JT; Merrill JM; et al: adjuvant doxorubicin hydrochloride and radiation in stage D bladder cancer: a preliminary report, (Radiology), 154: 573, 1985

Schaeffer BT; Som PM; Sacher M; et al: coexistence of a nasal mucoepidermoid carcinoma and sphenoid mucoceles: CT diagnosis and treatment implications, (ICAT), 98: 803, 1985

Schaffer RM; Barone CM; Friedman AP: ultrasonographic spectrum of fetal omphalocele, (Radiology), 151: 834, 1984

Schaffer RM; Becker JA; Goodman J: sonography of tuberculous kidney, (Radiology), 151: 560, 1984

Schaffer RM; Cabbad M; Minkoff H; et al: sonographic diagnosis of fetal cardiac rhabdomyoma, (J Ultrasound Med.), 5: 531, 1986

Schaffer RM; Schwartz GE; Becker JA; Rao TKS;

Schaffer RM; Schwartz GE; Becker JA; Rao TKS; Shih YH: renal ultrasound in acquired immu deficiency syndrome, (Radiology), 153: 511,

1984
Schaffer RM; Shin YH; Becker JA: sonographic identification of collecting system duplications, (Radiology), 151: 833, 1984
Schaffer RM; Stein K; Shih YH; et al: echoic pseudogestational sac of ectopic pregnancy simulating early intrauterine pregnancy, (Radiology), 151: 834, 1984
Schaffer RM; Sunshine AG; Becker JA; et al: retrocaval ureter: sonographic appearance. (I

retrocaval ureter: sonographic appearance, (J Ultrasound Med), 4: 199, 1985 Schaffner F See Lebovics E

Schafler F See Ezymonowicz W Schapiro RH See Dawson SL Schapiro RH See Jacobson IM Schapiro RM See Levin DC Schapria C See Terrier F Scharf SC See Heller SL Scharp DW See Heiken JP

Schart M See Miszalok V
Schart M See Miszalok V
Schatz CJ; Becker TS: normal CT anatomy of the paranasal simuses, (Radiol Clin North Am), 22: 107, 1984
Schatz H See Imes RK

Schatz R See Trimble SN Schatz RE See Butman S Schatz S See McCullough RW Schatz SL; Ryvicker MJ; Deutsch AM; Cohen HR: partial anomalous pulmonary venous drainage of the right lower lobe shown by CT scans, (Radiology), **159**: 21, 1986

(Radiology), 159: 21, 1986 Schatz St., Ryvicker MJ; Deutsch AM; Cohen HR: subtraction technique in conventional angiography, (Radiology), 151: 531, 1984 Schatzki SC See Shortsleeve MJ

Schaut S See Engelmann U
Schaub T; Gilday DL: principles of radionuclide
emission imaging, (Radiology), 153: 522, 1984
Schauwecker DS See Baker MK
Schauwecker DS See Burt RW
Schauwecker DS See Davis RB Schauwecker DS See Park H-M Schechter A See Fakhry J Schechter MS See Lois JF Schechter S See Cohen HL Schechtmann N See McNamara MT

Schechtmann N See McNamara MT
Scheer CE See Henry DA
Scheffel U See Tsan M-F
Scheffel U, Wagner HN Jr; Tsan M-F; enhancement
of hepatic gallium-67 uptake by asialotransferrin, (J Nucl Med), 27: 395, 1986
Scheffel UA See Goldman SM
Schefff GL See Menon AP
Scheibe PO See Arnold BA
Scheibe PO See Vera DR
Scheible W See Casola G
Scheible W See Marx M
Scheible WF; Resnick D; Brahame F; et al: "author Scheible WF; Resnick D; Brahame F; et al: "author inflation" or "CV creep", (AJR), 144: 863, 1985

Scheinman JI See Day DL
Scheithauer BW See Emory TH
Scheithauer BW See Jack CR Jr
Scheithauer BW See Jack CR Jr
Scheithauer BW See Jack CR Jr
Scheithauer BW See Shaw EG
Scheithauer BW See Wolfe JT III
Schelbert HR See Parodi O
Schelbert HR See Schwaiger M
Schell MC See Harisiadis L
Schellmanmer PF; El-Mahdi AM: pelvic
complications after definitive treatment of
prostate cancer by interstitial or external beam
radiation, (Radiology), 151: 280, 1984
Schellhas KP; Norris GA: disseminated human
subarachnoid coenurosis: computed
tomographic appearance, (AJNR), 6: 638, 1985
Schellinger D See Hawley RJ
Schellinger D See Hawley RJ
Schellinger D See Stork JT
Schellinger D; Grant EG; Richardson JD: cystic
periventricular leukomalacia: sonographic and
CT findings, (AJNR), 5: 439, 1984
Schellinger D; Grant EG; Richardson JD: neonatal
leukencephalopathy: common form of cerebral
ischemia, (Radiographics), 5: 221, 1985
Schenck JF See Bottomley PA
Schenck JF See Bottomley RJ; et al: high-field

Schenck JF See Daniels DL
Schenck JF See Katzberg RW
Schenck JF; Foster TH; Henkes JL; et al: high-field
surface-coil MR imaging of localized anatomy,
(AJNR), 6: 181, 1985
Schenck JF; Hart HR Jr; Foster TH; et al: improved
MR imaging of the orbit at 1.5 T with surface
coils, (AJNR), 6: 193, 1985

Schepps B Sec Cronan JJ
Scher AT: radiological assessment of thoracolumbar spinal injuries, (Radiology), 151: 820, 1984
Scher AT: rugby injuries to the cervical spinal cord sustained during rucks amd mauls, (Radiology), 151: 826, 1984

Scherl MP See Som PM Schernberg FL See Fornage BD Scherrer As See Menu Y
Scherrer As See Menu Y
Scherrer Al; Carson PL; Clayman W; et al:
tissue-equivalent upper abdominal phantom,
(Radiology), 152: 868, 1984
Scheurer SL See Helfer RE

Scheurich CJ See Olson DO
Schey WL See Krause LM
Schey WL; Vesely JJ; Radkowski MA: shard-like calcifications in retroperitoneal teratomas,
(Pediatr Radio), 16: 82, 1986 Schickendantz S See Benz-Bohm G Schiebler M See Hudson TM Schiebler ML See Zeman RK Schier D See Zorba J

Schiff E See Russell E

Schiff I See Russell I Schiff Res Benacerraf BR Schiff Res Lee WJ; Eshghi M; et al: morphologic and functional changes in the kidney after percutaneous nephrostolithotomy, (AJR), 147: 283, 1986

Schiffer LM See Braunschweiger PG Schiffer LM See Nelson TR Schiffer M See Naheedy MH Schiffer RB See Rudick RA Schiffer RB See Simon JH Schiffman HR See vanSonnenberg E

Schiffman Z See Laor E
Schiffman Z See Laor E
Schiffer S; Vendelbo L; Jensen OM; et al: Ewing's
tumor following bilateral retinoblastoma. a cas
report, (Radiology), 150: 858, 1984
Schild H See Gunther RW

Schild H See Gunther RW
Schild H; Muller HA; Klose K: halfmoon sign,
(Radiology), 150: 612, 1984
Schild JA See Deutsch EC
Schild JA: caustic ingestion in adult patients,
(Radiology), 160: 860, 1986
Schild JA; Grybauskas VT; Mafee MF: laryngeal
amyloidosis and laryngocele, (Radiology), 151:
827, 1984
Schilde Al See Colebardt MC

Schiller AL See Gebhardt MC Schiller AL See Rosenthal DI Schiller EJ See Schiller NB Schiller N See Stark DD Schiller NB See Acquatella H Schiller NB See Garrett JS Schiller NB See Higgins CB Schiller NB See Lanzer P

Schiller NB; Skioldebrand CG; Schiller EJ; et al: canine left ventricular mass estimation by two-dimensional echocardiography, (Radiology),

dimensional echocardiography, (Radiology), 151: 558, 1984 Schilling F See Spranger J Schilling JF See Wechsler RJ Schils J: Hermanus N; Flament-Durant J; et al: cerebral schistosomiasis, (AJNR), 6: 840, 1985 Schimel S See Deeb ZL

Schimmel EM See Vincent ME Schimrigk K See Stober T Schindler RA See Behnke EE Schindler RA See Jackler RK

Schinzel A; Savoldelli G; Briner J; Schubiger G: prenatal sonographic diagnosis of Jeune syndrome, (Radiology), 154: 777, 1985

Schirmer M See Roosen N

Schisgall RM: radiographic features of appendiceal colic in children, (Pediatr Radiol), 16: 392, 1986 Schlakman B See Kundel HL

Schlamowitz RA See Keating EC

Schlaps D See Raeth U

Schlemmer M; Wimmer M; Ponhold W; et al: idiopathic enlargement of the right atrium, (Radiology), 151: 263, 1984

Schlesinger AE; Fernbach SK: pericardial effusion presenting as an anterior mediastinal mass, (Pediatr Radiol), 16: 65, 1986

Schlesinger AE; Glass RBJ; Young S; et al: case report 342, (Skeletal Radiol), 15: 57, 1986 Schlesinger AE; Naidich TP; Quencer RM: concurrent hydromyelia and diastemato (AJNR), 7: 473, 1986

(A)NR), 74, 5, 1986 Schlesinger, 4E; Poznanski AK; Pudlowski RM; Millar EA: distal femoral epiphysis: normal standards for thickness and application to bone dysplasias, (Radiology), 159: 515, 1986 Schlesinger AE; Tucker GF Jr. elliptical cricoid cartilage: unique type of congenital subglottic stenosis, (AJR), 146: 1133, 1986

Schlossberg AH See Holness RO Schluter M See Thier W Schmelter R See Goff JS

Schmelter RF: nuclear medicine and the environment: radiation interactions, (Semin Nucl Med), 16: 87, 1986

Schmidlin P See Clorius JH Schmidt DH See Dymond DS Schmidt DH See Gal R Schmidt H See Heywang SH

Schmidt HC; Gooding CA; James TL; et al: comparison of in vivo <sup>31</sup>P-MR spectra of the brain, liver, and kidney of adult and infant animals, (Pediatr Radiol), **16**: 144, 1986

Schmidt HC; Gooding CA; James TI: in vivo <sup>3</sup>IP-MR spectroscopy of the liver in the infant rabbit to study the effect of hypoxia on the phosphorus metabolites and intracellular pH, (Invest Radiol), 21: 156, 1986

Schmidt HC; Tsay D-G; Higgins CB: pulmonary edema: MR study of permeability and hydrostatic types in animals, (Radiology), 158: 207, 1984

Schmidt HC; Tscholakoff D; Hricak H; et al: MR image contrast and relaxation times of solid tumors in the chest, abdomen, and pelvis, (JCAT), 9: 738, 1985

Schmidt K See Milenyi M Schmidt PG See Bradley WG Jr Schmidt PH See Eggermont JJ Schmidt RA See Kodera Y

Schmidt RP; Lentle BC: hemangioma with consumptive coagulopathy (Kasabach-Merritt syndrome) detection by indium-111 oxine-labeled platelets, (Radiology), 155: 277, 1985 Schmidt W See Yarkoni S

Schmidt W; Yarkoni S; Jeanty P; et al: sonographic measurements of the fetal spleen: clinical implications, (J Ultrasound Med), 4: 667, 1985

Schmidt WP See Bunker SR Schmidt-Peter P See Rotte KH Schmiedt E See Chaussy C Schmit DJ See Wilbur AC

Schmit P See Stoskopf CA

Schmit P See stoskop CA
Schmit P, Faure C; Sardet A; et al: pulmonary
ventilation in children. digital subtraction
study, (Radiology), 158: 282, 1986
Schmitt D; Lecomte R; LeBel E: wedge-shaped
scintillation crystals for positron emission
tomography, (J Nucl Med.) 27: 99, 1986
Schmitt EL; Threatt B: characteristics of breast

cancer in an incident cancer population, (AJR), 143: 403, 1984 Schmitt EL; Threatt B: mammographic intra-arterial calcifications, (Radiology), 153: 563, 1984

Schmitt GH; Hsu AS: renal fungus balls: diagnosis by ultrasound and percutaneous antegrade pyelography and brush biopsy in a premature infant, (J Ultrasound Med), 4: 155, 1985

Schmitt RM See Chenevert TL Schmitz PIM See Nix GAJJ Schmutzhard E See Willeit J Schnaid E See Drummond-Webb II Schneck C See Caroline DF Schneekloth G See Fritschy P Schneeweiss A See Lehrer E Schneeweiss A See Motro M Schneider HJ See Silberstein EB Schneider JM See McGahan JP

Schneider JR; Johnsrude IS; Lund G; Rysavy J; Anderson RW; Amplatz K: percutaneous catheter balloons: failure to deflate, (Radiology), 155: 832, 1985

neider K; Dickerhoff R; Bertele RM: malignant

gastric sarcoma—diagnosis by ultrasound and endoscopy, (Pediatr Radiol), 16: 69, 1986 Schneider K; Fendel H; Kohn MM: differential diagnosis of intra- and perivesical abnormalities using bladder air/CO<sub>2</sub> contrast sonography, (Pediatr Radiol), 16: 309, 1986 Schneider M See Auh YH

Schneider M See Pardes JG

Schneider P-A; Bednarkiewicz M: percutaneous retrieval of Kimray-Greenfield vena caval filter, (Radiology), 156: 547, 1985 Schneider PD See Miller DL

Schneider PI See Miller DL Schneider R; See Steinbach LS Schneider R; Abenavoli AM; Soudry M; Insall JN: failure of total condylar knee replacement, correlation of radiographic, clinical, and surgical findings, (Radiology), 152: 309, 1984

Schneider R; Goldman AB; Insall JN: knee prostheses, (Semin Roentgenol), 21: 29, 1986 Schneider R; Yacovone J; Ghelman B: unsuspected sacral fractures: detection by radionuclide bone scanning, (AJR), 144: 337, 1985

Schneider V See Cho S-R Schneider V See Vick CW

Schneider W See Vick CW
Schneiderman DE; Hammerschmidt DE;
McCall AR: fatal complement-induced
leukostasis after diatrizoate injection. principles
of clinicopathologic diagnosis, (Radiology), 152:
252, 1984

Schneiders NJ See Jackson JA Schneiders NJ See Rokey R

Schnitzler CM; Solomon L: trabecular stress fractures during fluoride therapy for osteoporosis, (Radiology), 159: 572, 1986

Schnyder P; Fankhauser H; Mansouri B: computed tomography in spinal hemangioma with cord compression: report of two cases, (Skeletal Radiol), 15: 372, 1986

Schober O See Creutzig H

Schober O; Schwarzrock R: thyroid gland with low uptake lesions: evaluation by ultrasound, (Radiology), 158: 277, 1986

(Radiology), 158: 277, 1986 Schoenecker PL: slipped capital femoral epiphysis, (Radiology), 157: 567, 1985 Schoenecker SA See Cyr DR Schoenecker SA See Goiney RC Schoenecker SA; Cyr DR; Mack LA; et al: sonographic diagnosis of bilateral fetal renal duplication with ectopic ureteroceles, (J Ultrasound Med), 4: 617, 1985

Uttrasound Med.) 4: 617, 1985 Schoenecker SA; Mack LA; Russell AH; Cyr DR; Shuman WP; Lennard E5; Montana MA: intraoperative US as an aid to intraoperative electron beam radiation therapy, (Radiology), 160: 251, 1986

Schoetz DJ Jr See Kremers PW Schofield G See Drexler B

Scholmerich J; Volk BA: differential diagnosis of

scholmerch J volk ba: differential diagnosis of anechoic/hypoechoic lesions in the abdomen detected by ultrasound, (JCU), 14: 339, 1986

Scholmerich J; Volk BA; Grunholz J; et al: importance of sonographic follow-up in acute pancreatitis, (Radiology), 150: 301, 1984

Scholz FJ See Badami JP

Scholz FJ See Kremers PW Scholz FJ See Styles RA Scholz FJ See Wenstrup RS

Schon HR; Senekowitsch R; Berg D; et al: measurement of myocardial fatty acid metabolism: kinetics of iodine-123 heptadecanoic acid in normal dog hearts, (J Nucl Med), 27: 1449, 1986

Schonfeld AR See Schonfeld SM Schonfeld S See Whelan MA Schonfeld SA See Davidoff AB Schonfeld SA See Dixon GF

Schonfeld SA See Kohorst WR Schonfeld SM; Pinto RS; Aleksic S; et al: cerebral

angioendotheliomatosis: report of two cases and review of the literature, (AJNR), 6: 437, 1985

Schonfeld SM; Pinto RS; Schonfeld AR; Berenstein A; Kricheff II: iopamidol and conray 60: comparison in superselective angiography, (Radiology), 152: 809, 1984 Schonmayr R See Agnoli AL

Schopke W See Luning M Schorlemmer GR; Wild RE; Mandell VS; et al:

cholecystohepatic connection in a case of extrahepatic biliary atresia: a 27-year follow-up, (Radiology), 155: 548, 1985 Schorner W See Claussen CD Schorner W See Felix R

Schorner W; Bradac GB; Treisch J; et al: magnetic resonance imaging (MRI) in the diagnosis of cerebral arteriovenous angiomas, (Neuroradiol), 28: 213-1986 28: 313, 1986

Schorr AB; Miller JL; Shtasel P; et al: low incidence of painless thyroiditis in the Philadelphia area, (Clin Nucl Med), 11: 379, 1986

Schorr RM See Mirvis SE Schrager B See Famularo M

Schraufnagel DE; Peloquin A; Pare JAP; et al: radiographic differences between two subtypes of bronchioloalveolar carcinoma, (Radiology)," 159: 569, 1986

159: 569, 1986

Schraut WH; Chilcote RR: metastatic Wilms' tumor causing acute hepatic-vein occlusion (Budd-Chiari syndrome), (Radiology), 156: 589, 1985

Schregel W; Straub H; Singbartl G: unidirectinal 8-MHz continuous wave Doppler equipment can facilitate catheterization of the internal jugular vein, (J Ultrasound Med), 5: 421, 1986

Schreiber DP; Kapp DS: axillary-subclavian vein thrombosis following combination chemotherapy and radiation therapy in lymphoma, (Int J Radiat Oncol Biol Phys), 12: 391, 1986

Schreiber MA See Kremer, H

Schreiber MA See Kremer H Schreiber MH See Rubin SA Schreiber R See Lanir A Schreiman JS See Sartoris DJ

Schreiman JS; Crass JR; Wick MR; Maile CW; Thompson RC Jr: osteosarcoma: role of CT in limb-sparing treatment, (Radiology), 161: 485, 1986

Schreiman JS; Gisvold JJ; Greenleaf JF; Bahn RC:

Schreiman JS; Gisvold JJ; Greenleaf JF; Bahn RC:
ultrasound transmission computed tomography
of the breast, (Radiology), 150: 523, 1984
Schreiman JS; McLeod RA; Kyle RA; Beabout JW:
multiple myeloma: evaluation by CT,
(Radiology), 154: 483, 1985
Schreyer H See Lammer J
Schroder FH See Carpentier PJ
Schroth G See Gawehn J
Schroth G; Gawehn J; Marquardt B; et al: MR
imaging of esthesioneuroblashon, (JCAT), 10:
316, 1986

Schubart P; Fortner G; Cummings D; et al: significance of hydronephrosis after aortofemoral reconstruction, (Radiology), 156:

Schubart UK See Fleckman AM Schubiger G See Schinzel A Schubiger O; Valavanis A; Stuckmann G; et al: temporal bone fractures and their complications: examination with high resolution CT. (Neuroradiol), 28: 93, 1986

resolution CT, (Neuroradiol), 28: 93, 1986 Schuffler MD; Leon SH; Krishnamurthy S: intestinal pseudoobstruction caused by a new form of visceral neuropathy: palliation by radical small bowel resection, (Radiology), 160: 284, 1986

Schuger C See Grenadier E Schuierer G See Zeitler E Schuler JJ See Sigel B Schuler M See Rath M

Schuller J. Walther V: transrectal ultrasound tomography by electronic linear scanner, (Radiology), 150: 299, 1984 Schulman CC See Avni EF Schulman CC See Delcour C

Schulman G See Hernanz-Schulman M Schulte HM See Doppman JL Schultz A See Alles JU Schultz CL See Andriole J

Schultz CL See Martino CR Schultz CL: CT and MR of the adrenal glands, (Semin US CT MR), 7: 219, 1986

(Semin US CT MR), 7: 219, 1986
Schultz CL; Alfidi RJ; Nelson AD; Kopiwoda SY;
Clampitt ME: effect of motion on twodimensional Fourier transformation magnetic
resonance images, (Radiology), 152: 117, 1984
Schultz CL; Haaga JR; Fletcher BD; et al: magnetic
resonance imaging of the adrenal glands:
comparison with computed tomography, (AJR),
143: 1235, 1984
Schultz CL; Magricin S; Brunn PL; Avence

Schultz CL; Morrison S; Bryan PJ: azygos continuation of the inferior vena cava: demonstration by NMR imaging, (Radiology), 155: 283, 1985

Schultz E; Greenspan A: case report 378, (Skeletal Radiol), 15: 405, 1986

Schultz HP See Norgaard-Pedersen B Schultz HP See Vaeth M

Schultz HP, See Vaeth M Schultz HP, Arends J; Barlebo H; et al: testicular carcinoma in Denmark, 1976-1980; stage and selected clinical parameters at presentation, (Radiology), 156: 286, 1985Schultz HP, Overgaard M; Steenholdt S; et al: small cell anaplastic carcinoma of the lung, the Aarhus experience 1976-1981, (Radiology), 155: 550 1985.

559, 1985

Schultz HP; von der Maase H; Rorth M; et al: testicular seminoma in Denmark, 1976–1980: results of treatment, (Radiology), 156: 286, 1985

Schultz JC See Campbell WL Schultz PN See Samaan NA

Schultz RD; Willi U: sonography after blunt abdominal trauma in childhood, (Radiology), 152: 255, 1984

Schultz SM; Curry TS III; Voet R: psammomato like calcification in a Brenner tumour of the ovary, (Br J Radiol), 59: 412, 1986

Schultz SR; Bree RL; Schwab RE; et al: CT detection of skeletal muscle metastases, (JCAT), 10: 81, 1086

Schulz EE: osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation: reply, (Radiology), 161: 277, 1986

Schulz EF, Engstrom H; Sauser DD; Baylink DJ: osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation, (Radiology), 159: 457, 1986

Schulz EE; West WL; Hinshaw DB; et al: gas in a lumbar extradural juxtarticular cyst: sign of synovial origin, (AJR), 143: 875, 1984

Schulz U; Busch M; Bormann U; interstitial high dose-rate brachytherapy: principle, practice and first clinical experiences with a new remote-controlled afterloading system using Ir-192, (Radiology), 155: 287, 1985

Schulze G See Friedman AP

Schulze G See Friedman AP
Schulze H; Hertle L; Graff J; et al: combined
treatment of branched calculi by percutaneous
nephrolithotomy and extracorporeal shock
wave lithotripsy, (Radiology), 161: 860, 1986
Schulze-Delrieu K: volume accommodation by
distention of gastric fundus (rabbit) and gastric
corpus (cat), (Radiology), 151: 545, 1984
Schumacher R See Reither M

Schumann G See Bonhof JA Schumann J See Mauro F

Schuster DP; Marklin GF: effect of changes in inflation and blood volume on regional lung density—PET study: 2, (JCAT), 10: 730, 1986

Schuster DP; Marklin GF; Mintum MA; et al: PET measurement of regional lung density: 1, (JCAT), 10: 723, 1986

Schut L See Weisman RA Schuter M See Hinrichs A

Schutter M See Hinfitals A Schutter HE; Park WM: diagnostic value of bone scintigraphy in patients with low back pain, (Radiology), 153: 282, 1984 Schuur KH See Freling NJM

Schuwecker DS; Park H-M; Mock BH; et al: evaluation of complicating osteomyelitis with Tc-99m MDP, In-111 granulocytes, and Ga-67 citrate, (Radiology), 155: 863, 1985

Schwab FJ; Glick SN; Teplick SK; Adler LP: barium enema scout film: cost effectiveness and clinical efficacy, (Radiology), 160: 619, 1986

Schwab JP See Collier BD Schwab RE See Benson M Schwab RE See Bree RL Schwab RE See Raiss GI Schwab RE See Samuels BI

Schwab RE See Schultz SR Schwade JG See Lewin AA

Schwaiger M See Brunken R Schwaiger M See Parodi O

Schwaiger M; Ratib O; Henze E; Grossman R; Dracup K; Tillisch JH; Bae JH; Schelbert HR: left ventricular stroke volume determinations from radionuclide ventriculograms: effects of photon attenuation, (Radiology), 153: 235, 1984

Schwarten DE: percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up, (Radiology), 150: 363, 1984

Schwarten DE: percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up, (Radiology), 150: 369, 1984

Schwartz A; Hennerici M; Wegener OH: delayed choreoathetosis following acute carbon monoxide poisoning, (Radiology), 157: 854, 1985

Schwartz AC; Weaver RG Jr; Bloomfield R; et al: cavernous hemangioma of the retina, cutaneo angiomas, and intracranial vascular lesion evaluated by computed tomography and nuclear magnetic resonance imaging, (Radiology), **156**: 279, 1985

Schwartz AM See Cohen LM

Schwartz AM; Leonidas JC: methotrexate osteopathy, (Radiology), 154: 562, 1985 Schwartz AN; Goiney RC; Graney DO; gastric diverticulum simulating an adrenal mass: CT appearance and embryogenesis, (AJR), 146: 553, 1986

Schwartz AN; Graham CB: neonatal tension pulmonary interstitial emphysema in bronchopulmonary dysplasia: treatment with lateral decubitus positioning, (Radiology), **161**: 351 1986

Schwartz AR; Fishman EK; Wang KP: diagnosis and treatment of a bronchogenic cyst using transbronchial needle aspiration, (Radiology), **161:** 573, 1986

Schwartz D See Gould RJ

Schwartz DB See Friday RO

Schwartz DB: nonimaging methods for assessing fetal well-being, (Semin US CT MR), 5: 278, 1984 Schwartz DC: atrioventricular septal defects, (Semin Roentgenol), 20: 226, 1985 Schwartz E See Strauss S
Schwartz EE; Glick SN; Foggs MB; et al:
hypersensitivity reactions after barium enema
examination, (A]R, 143: 103, 1984
Schwartz G; Lipschitz S; Becker JA: detection of
renal calculi: value of tomography, (AJR), 143:
143, 1984

Schwartz GE See Schaffer RM

Schwartz GE See Schaffer RM Schwartz GE; Sclafani JJA: post-traumatic gastric stenosis due to perigastric adhesions, (Radiology), 134: 14, 1985 Schwartz GF See Cole-Beuglet CM Schwartz GF See Solin LJ

Schwartz GF See Solin LJ
Schwartz HC, Kendrick RW, Pogorel BS: false
aneurysm of the maxillary artery, an unusual
complication of closed facial trauma,
(Radiology), 151: 827, 1984
Schwartz IS See Hermann G
Schwartz JS See Hilman AL
Schwartz MM See Mulopulos GP
Schwartz MS See Firozonia H
Schwartz MZ See Hayden CK Jr
Schwartz MS See Firozonia P

Schwartz R See Delaney P Schwartz R See Vincent ME Schwartz R See Vincent ME Schwartz RS See Sinak LJ Schwartz U See Sorensen R Schwartz U See Blum LW Schwarz J See Felson B Schwarz M See Watters LC

Schwarz MI See Watters LC Schwarz W: new coaxial introducer system for percutaneous drainage, (AJR), 144: 1277, 1985 Schwarz W; Nozick J: Richmand D; et al: in situ saphenous vein bypass graft: radiologic aspects, (AJR), 146: 605, 1986

Schwarzrock R See Schober O Schweden F See Engelmann U Schweg-Toffler E See Eisenscher A

Schwenker R See Gray JE
Schwenker R See Gray JE
Schwenker EP See Boal DKB
Schwerk WB; Grun R; Wahl R: ultrasound diagnosis of C-cell carcinoma of the thyroid, (Radiology), 156: 569, 1985

Schwerk WB; Schwerk WN; Rodeck G: venous renal tumor extension: prospective US evaluation, (Radiology), 156: 491, 1985 Schwerk WN See Schwerk WB

Schweiz WH See Pederson WC Schwetz KM See Rudick RA

Schwimer SR; Lebovic J: transvaginal pelvic ultrasonography: accuracy in follicle and cyst size determination, (J Ultrasound Med), 4: 61,

Schwimer SR; Marik J; Lebovic J: percutaneous ovarian cyst aspiration using continuous transvaginal ultrasonographic monitoring, (J Ultrasound Med), 4: 259, 1985

Schwimer SR; Rubinstein L; Lebovic J: sonographic evaluation of the testicular feminization syndrome, (J Ultrasound Med), 4: 503, 1985

syndrome, (J Ultrasound Med), 4: 503, 1985
Schwimmer M; Edelstein G; Heiken JP; Gilula LA:
synovial cysts of the knee: CT evaluation,
(Radiology), 154: 175, 1985
Schwimmer M; Heiken JP; McClennan BL;
Friedrich ERF: postoperative
hysterosalpingogram: radiographic-surgical
correlation, (Radiology), 157: 313, 1985
Schwinger RB See King MA
Schwobel M; Hirsig J; Stauffer UG: contaminated
small bowel syndrome presenting as an
abdominal emergency in infants and children,
(Radiology), 159: 576, 1986
Sciacca V See Cavallaro A
Scialfa G See Scotti G:
Scialfa G See Scotti G:

Scialfa G; Scotti G: superselective injection of polyvinyl alcohol microemboli for the treatment of cerebral arteriovenous malformations, (AJNR), 6: 957, 1985

Sciarrino E See Maringhini A Sciubba JJ See Wenig BL Sclafani SJA See Glanz S Sclafani SJA See Schwartz GE Sclafani SJA: ligamentous injury of the lower

tibiofibular syndesmosis: radiographic evidence, (Radiology), 156: 21, 1985 Clafani SJA; Cooper R; Shaftan GW; Goldstein AS; Glanz S; Gordon DH: arterial trauma:

Glanz S; Gordon Dri: afterial trauma: diagnostic and therapeutic angiography, (Radiology), 161: 165, 1986 Sclafani SJA; Vuletin JC; Twersky J: lead arthropathy: arthritis caused by retained intra-articular bullets, (Radiology), 156: 299, 1985

Scola FH See Cronan JJ Scoles PV See Fletcher BD Scott CI See Pauli RM Scott CI Jr See Hecht JT Scott DIA See Blanshard KS

Scott DJA See Blanshard KS
Scott I; Bergin CJ; Muller NL: mediastinal and hilar lymphadenopathy as the only manifestation of metastatic carcinoma of the cervix, (J Canad Assoc Radiol), 37: 52, 1986
Scott I; Connell DG; Duncan CP: regression of aneurysmal bone cyst following open biopsy, (J Canad Assoc Radiol), 37: 198, 1986
Scott I See Bergentain, 6

Scott J See Berenstein A

Scott JA See Augustyn GT

Scott JA See Kopecky KK

Scott JA See Rosenthal DI
Scott JA; Augustyn GT; Gilmor RL; et al: magnetic
resonance imaging of a venous angioma,
(AJNR), 6: 284, 1985

(AJNR), 6: 284, 1985

Scott JA; Berenstein A; Blumenthal D: use of the activated coagulation time as a measure of anticoagulation during interventional procedures, (Radiology), 158: 849, 1986

Scott JA; Rosenthal DI; Brady TJ; evaluation of musculoskeletal disease with magnetic resonance imaging, (Radiol Clin North Am), 22: 917, 1984

Scott JW See Russell CD

Scott PP; Scott WW Jr; Siegelman SS: amyloidosis: overview, (Semin Roentgenol), 21: 103, 1986

Scott RB, O'Loughlin EV; Gall DG: gastroesophageal reflux in patients with cystic fibrosis, (Radiology), 156: 858, 1985 Scott RL See Pinstein ML

Scott RL See Rothschild BM Scott RL See Salazar JE Scott RL See Winer-Muram H

Scott RL, Felker R; Winer-Muram HT; et al: differential retrocardiac air-fluid level: sign of intrathoracic gastric volvulus, (J Canad Assoc Radiol), 37: 119, 1986

Scott RL; Pinstein ML: diversion colitis demonstrated by double-contrast barium enema, (AJR), 143: 767, 1984

Scott RM See Ploysongsang S Scott RS: progress in radio-oncology II, (Radiology), 153: 740, 1984

Scott SJ See MacMillan JC Scott ST; Watt I: gas at the symphysis pubis: a sign of occult pelvic trauma, (Radiology), 153: 270, 1984

Scott W Jr See Yousem DM Scott WW See Scatarige JC Scott WW Jr See Fishman EK Scott WW Jr See Magid D Scott WW Jr See Scott PP

Scott WW Jr See Siegelman SS

Scott WW Jr; Riley LH Jr; Dorfman HD: focal lytic lesions associated with femoral stem loosening in total hip prosthesis, (AJR), 144: 977, 1985 Scott WW Jr; Wheeler PS; Mitchell SE: markers for implanted devices: need for standardization, (AJR), 146: 387, 1986

Scotti G See Scialfa G

Scotti G; Scialfa G; Biondi A; et al: magnetic resonance in multiple sclerosis, (Neuroradiol), 28: 319, 1986

Scotti G; Scialfa G; Colombo N; et al: MR imaging of intradural extramedullary tumor of the cervical spine, (ICAT), 9: 1037, 1985
Scotti G; Scialfa G; Tampieri D; et al: MR imaging in Fahr disease, (ICAT), 9: 790, 1985
Scotti JA See Baker BJ

Scovill WA See Kalash SS

Scribano E See Pandolfo I Scudamore CH See Burhenne HJ

Scutellari PN; Orzincolo C; Tamarozzi R: xeroradiography in β-thalassemia, (Radiology), 157: 566. 1985 Scutellari PN; Orzincolo C; Trotta F: case report 375, (Skeletal Radiol), 15: 394, 1986

Seabold JE See Hortobagyi GN

Seabold JE See Hortobagyi GN
seabold JE, Wilson DG, Lieberman LM; Boyd CM:
unsuspected extra-abdominal sites of infection:
scintigraphic detection with indium-111-labeled
leukocytes, (Radiology), 151: 213, 1984
Seagren S; Harrell JH; Horn RA: high dose rate
intraluminal irradiation in recurrent
endobronchial carcinoma, (Radiology), 159: 820,
1986

Seaman WB See Gold RP Sears HF See Moldofsky PJ Sears TD See Meyers DG Seashore JH See Rosenfield NS Sebag A; Garel L; Pariente D; et al: bilateral

nephromegaly in the neonate. value of ultrasonography, (Radiology), **156**: 275, 1985

Sebag A; Neuenschwander S; Boyez M: cystic dilatation of the pelvic ureter. case report, (Radiology), 157: 564, 1985 Sebes JI See Pinstein ML

Sebes II; Niell HB; Palmieri GMA; et al: skeletal surveys in multiple myeloma: radiologic-clinical correlation, (Skeletal Radiol), 15: 354, 1986

Sebes JI; Pinstein ML; Massie JD; et al: radiographic manifestations of aluminum-induced bone disease, (AJR), 142: 424, 1984

Sebrechts C; Biberstein M; Klein JL; et al: limitations of indium-111 leukocyte scanning in febrile renal transplant patients, (AJR), 146: 823,

Sebring RH; Jacobson HG: residency review committee for radiology: its organization, function, and performance in diagnostic radiology, (AJR), 142: 833, 1984 Sechtem U See Tscholakoff D

Sechtem U See Ischolakoff U
Sechtem U; Tscholakoff D; Higgins CB: MRI of the
abnormal pericardium, (AJR), 147: 245, 1986
Sechtem U; Tscholakoff D; Higgins CB: MRI of the
normal pericardium, (AJR), 147: 239, 1986
Sedaghati M See Kruger RA

Seddiqi MSA See Heger L
Seeds JW; Cefalo RC: technique of early
sonographic diagnosis of bilateral cleft lip and
palate, (Radiology), 152: 268, 1984
Seeger JF See Burt TB

Seeger JF See Burt 1B
Seeger JF See Johnson JE
Seeger JF See Yang PJ
Seeger JF; Carmody RF: digital subtraction
angiography of the arteries of the head and
neck, (Radiol Clin North Am), 23: 193, 1985

Seegor JF, Carmody RF, Goldstone J: intravenous digital subtraction angiography of the nearly occluded internal carotid artery, (AJNR), 5: 35, 1984

Seeger JF; Carmody RF; Goldstone J: intravenous digital subtraction angiography of the nearly occluded internal carotid artery, (AJR), 142: 791,

Seeger JS See Miller RW

Seeley GW See Capp MP Seeley GW; Newell JD II: use of psychophysical principles in the design of a total digital radiology department, (Radiol Clin North Am), 23: 341, 1985 Seelig J See Nidecker AC

Seeing A See Rasmussen OS
Seevers RH See Pera A
Seevers RH: gastric ulcer localization by direct in
vivo labeling of sucralfate: reply, (Radiology),
161: 569, 1986

161: 569, 1986

Sefczek RJ; Beckman I; Lupetin AR; et al:
sonography of acute renal cortical necrosis,
(AJR), 142: 553, 1984

Sefczek RJ; Deeb ZL: case report: computed
tomography findings in spinal arachnoiditis
ossificans, (Radiology), 151: 830, 1984

Sefczek RJ; Lupetin AR; Beckman I; Dash N: CT
appearance of omental packs, (Radiology), 156:
472, 1985

Segadal L: assessment of flow in aortocoronary grafts, (Semin US CT MR), 6: 68, 1985 Segal AJ See Pyron CL Segal BL See Iskandrian AS

Segal I; Epstein B; Lawson HH; et al: syndromes of pancreatic pseudocysts and fluid collections, (Radiology), 154: 270, 1985

Segal J See Ostfeld E Segal M See Starinsky R Segal P See Fornage BD

Segal SR; Rosenberg HK: sonographic appearance of the torcular herophili, (AJNR), 6: 919, 1985 Segal I GM; Goodwin DA: nonvisualization of the liver by indium-111 oxine labeled leukocytes in alcoholic liver diseae, (Clin Nucl Med), 11: 79,

Segall GM; McDougall IR: diagnostic value of lung uptake of indium-111 oxine-labeled white blood cells, (AJR), 147: 601, 1986

Segall HD See Ahmadi J Segall HD See Batnitzky S Segall HD See North CM Segall HD See Stanley P Segall HD See Zee C-S

Segall HD; Batnitzky S; Zee C-S; et al: computed tomography in the diagnosis of intracranial neoplasms in children, (Radiology), 159: 288, 1986

Segaloff A See Merritt CRB

Segaloff A See Merritt CRB
Segawa H See Yanai A
Segel MC; Campbell WL; Medsger TA Jr; et al:
systemic sclerosis (scleroderma) and esophageal
adenocarcinoma: is increased patient screening
necessary?. (Radiology). 160: 284. 1986
Segel MC; Lecky JW; Slasky BS: diabetes mellitus:
the predominant cause of bilateral renal
enlargement, (Radiology). 153: 341, 1984
Segel MC; Zajko AB; Bowen A; et al: hepatic artery
thrombosis after liver transplantation:
radiologic evaluation, (AJR). 146: 137, 1986
Seger RM See Passamonte PM

Segura JW See Grantham JG

Segura JW See LeRoy AJ Segura JW See Patterson DE

Segura JW: endourology, (Radiology), 156: 271, 1985 Segura JW; LeRoy AJ: percutaneous ultrasonic lithotripsy, (Radiology), 154: 273, 1985 Segura JW; Patterson DE; LeRoy AJ; et al: percutaneous lithotripsy, (Radiology), 152: 847, 1984

Segura RM See Ocana I Sehgal E See Borts FT Seibel M See Hann LE

Seibert JA: improved fluoroscopic and cine-radiographic display with pulsed exposures and progressive TV scanning, (Radiology), 159: 277, 1986

Seibert JA; Link DP; Hines HH; Baltaxe HA: videodensitometric quantitation of stenosis: ir vitro and in vivo validation, (Radiology), 157: 807 1985

Seibert JJ See Redman JF

Seibert JJ See Kedman JF Seibert JJ See Seibert RW Seibert JJ See Williamson MR Seibert JJ See Williamson SL Seibert JJ; Lindley SG; Corbitt SS; et al: clot formation in the renal artery in the neonate demonstrated by ultrasound, (JCU), 14: 470,

Seibert JJ; McCarthy RE; Alexander JE; et al: acquired bone dysplasia secondary to catheter-related complications in the neonate, (Pediatr Radiol), 16: 43, 1986

Radiol), 16: 43, 1986
Seibert JJ; Williamson SL; Golladay ES; et al:
distended gasless abdomen: fertile field for
ultrasound, (I Ultrasound Med), 5: 301, 1986
Seibert RW; Seibert JJ; high resolution
ultrasonography of the parotid gland in
children, (Pediatr Radiol), 16: 374, 1986

Seibert RW; Seibert JJ; Jimenez JF; et al:
nasopharyngeal brain heterotopis—a cause of
upper airway obstruction in infancy,
(Radiology), 155: 276, 1985
Seibert RW; Seibert JJ; Williamson SL: opaque
chest: when to suspect a bronchial foreign body,
(Pediatr Radiol), 16: 193, 1986

Seidel FG; Towbin RB; Kaufman RA: normal pituitary stalk size in children: CT study, (AJNR), 6: 733, 1985

Seidel FG; Towbin R; Kaufman RA: normal pituitary stalk size in children: CT study, (AJR), 145: 1297, 1985

145: 1297, 1985

Seidenwurm D, Bird CR; Enzmann DR; et al: leftright temporal region asymmetry in infants and 
children, (A)NR), 6: 777, 1985

Seidenwurm D; Novotny E Jr; Marshall W; et al: 
MR and CT in cytoplasmically inherited striatal 
degeneration, (A)NR), 7: 629, 1986

degeneration, (AJNR), 7: 629, 1986
Seidenwurm D; Smathers RL; Kan P; Hoffman A:
intratesticular adrenal rests diagnosed by
ultrasound, (Radiology), 155: 479, 1985
Seider MJ; Rich TA; Ayala AG; Murray JA: giant
cell tumors of bone: treatment with radiation
therapy, (Radiology), 161: 537, 1986
Seiderer M See Vogl TH
Seidl G See Fruhwald F

Seidl G See Kumpan W Seife B See Diakoumakis EE Seifert CL See Thakur ML Seiff SR See Guyon JJ Seigel RS See Goldthorn JF

Seigler HF: investigative studies in the diagnosis and treatment of melanoma, (Invest Radiol), 21: 596, 1986

Seitz K; Rettenmaier G; Stolte M: groove pancreatitis. pathological anatomy and sonographic findings. (Radiology), 158: 567, 1986

ar BC See Koslin DB

Sekhar LN; Jannetta PJ: cerebellopontine angle meningioma. microsurgical excision and follow-up results, (Radiology), 153: 854, 1984

Sekimoto H See Naruse S Sekiva T See Checkley DR

Selbing A; Fallbrant B: accuracy of conceptual age estimation from fetal crown-rump length, (Radiology), 155: 862, 1985 Selby B; Richardson ML; Montana MA; et al: high

resolution sonography of the menisci of the knee, (Invest Radiol), 21: 332, 1986

Selch MT See Gordon PS

Seldin DW See Abramson SJ
Seldin DW See Abramson SJ
Seldin DW See Rosen JM
Seligsohn U See Solomon A
Selim MA; Derda H; Neuman MR; et al:
improvement of the Botstein-Zacharopolous
radiation applicator, (Int J Radiat Oncol Biol
Phys), 12: 251, 1986

Phys), 12: 251, 1986
Selis JE See Mafee MF
Sellar RJ; Mackay IG; Buist TAS: incidence of microaneurysms in polyarteritis nodosa, (Cardiovasc Intervent Radiol), 9: 123, 1986
Sellier N; Chiras J; Benhamou M; et al: spontaneous dissection of the internal carotid artery. clinical, radiological and evolutive features, (Radiology), 152: 257, 1984

Sellink JL See Maglinte DDT Selnes OA See Knopman DS Seltzer S See Richie JP Seltzer SE See Balcar I

Seltzer SE See Cayea PD Seltzer SF See Hussain S

Seltzer SE See Longmaid HE III Seltzer SE See Manzione JV Seltzer SE See Styles RA

Seltzer SE: lymphoma, part 1: foreword, (Semin US CT MR), 6: 349, 1985

Seltzer SE; Beard JO; Adams DF: radiologist as consultant: direct contact between referring clinician and radiologist before CT examination, (AJR), 144: 661, 1985

Seltzer SE; Hamilton C; VanDeripe D: experimental evaluation of iosefamate meglumine and its derivatives as hepatobiliary CT contrast agents, (A/R), 145: 67, 1985

Selvik G See Alberius P

Selwyn AP; Shea MJ; Foale R; et al: regional myocardial and organ blood flow after myocardial infarction: application of the microsphere principle in man, (Radiology), 160: 574, 1986

574, 1986 menkovich JW; Balfe DM; Weyman PJ; et al: barium pharyngography: comparison of single and double contrast, (AJR), 144: 715, 1985

Semine A See Salzman L Semine MC See Widrich WC

Semler HJ: transfemoral catheterization: mechanical versus manual control of bleeding, (Radiology), 154: 234, 1985

134: 234, 1985

Senac MO Jr; Isaacs H; Gwinn JL: primary lesions of bone in the 1st decade of life: retrospective survey of biopsy results, (Radiology), 160: 491, 1986

1986
Senac MO Jr; Lee FA; Gilsanz V: early
costochondral calcification in adolescent
hyperthyroidism, (Radiology), 156: 375, 1985
Senac MO Jr; Miller JH; Stanley P: evaluation of
obstructive uropathy in children: radionuclide
remography vs. the Whitaker test, (AJR), 143: 11,

Senda M See Murata K

Senda M; Murata K; Itoh H; et al: quantitative evaluation of regional pulmonary ventilation using PET and nitrogen-13 gas, (J Nucl Med), 27: 268, 1986

27: 268, 1986
Senda M; Tamaki N; Yonekura Y; et al: performance characteristics of Positologica III: whole-body positron emission tomograph, (JCAT), 5: 940, 1985
Senekowitsch R See Schon HR

Senekowitsch R See Schon HR
Senitzer D; Gibbons J; Gohara A; et al: infectious
antecedent of immunoblastic lymphoma:
progressive immunosuppression in a patient
with lymphogranuloma venereum, (Radiology),
155: 849, 1985

155: 849, 1985

Senning A See Maass D

Sente J-M See Bret PM

Seo HS; Sruri S; Kokubo T; Yashiro N;

Nishikawa J; Itai Y; Iio M: embolism detection
and prevention using scintigraphy during
therapeutic arterial blockade, (Radiology), 157:
815, 1985

Seo IS Seo Gentals

Seo IS See Sy WM Sepahdari S See Rice CA Sepersky R See Elta GH

Sephton RG: potential accuracy of dual-energy computed tomography for the determination of hepatic iron, (Br J Radiol), 59: 351, 1986

Seppanen U; Herva R
Seppanen U; Herva R: roentgenologic features of the Meckel syndrome, (Radiology), 151: 547, 1984

1984
Sepponen RE See Sipponen JT
Sepponen RE; Pohjonen JA; Sipponen JT; et al:
method for TI<sub>p</sub> imaging, (JCAT), 9: 1007, 1985
Sepponen RE; Sipponen JT; Sivula A: low field
(0.02 T) nuclear magnetic resonance imaging of
the brain. (JCAT), 9: 237, 1985 Sequeira FW See Rowe DM

Sequeira R See Kessler KM Sequi S See Mathieu D Serafini AN See Al-Sheikh W

Serago CF See Lewin AA
Serena A; Robles JE; Richter JA; et al: ureteral
reflux of recipient's own kidneys: potential
source of error in renal transplant evaluation,
(Clin Nucl Med), 11: 59, 1986

Seres L See Candell-Riera I Sergott RC See Grossman RI Serrano A; Dahl EP; Rubin RH; et al: eclectic

drainage of subphrenic absce 155: 274, 1985

155: 274, 1985
Serur JR See Hayman LA
Servadio C See Mukamel E
Servo A; Porras M; Jaaskinen J: diagnosis of
ependymal intraventricular cysts of the third
ventricle by computed tomography,
(Radiology), 151: 265, 1984
Sessions D See DiSantis DJ

Sethi CM See Kuppuswami N Setia RN See Kay NJ

Seria RN See Asy NJ Seto H; Futatsuya R; Kamei T; et al: myocardial visualization on a routine perfusion lung scintigram: relationship to the amount of right-to-left shunt, (Radiology), 153: 281, 1984

Setzer ES See Reeder JD

Seung HI; Romano TJ: coexistance of sytemic lupus erythematosus and parotid hypertrophy: case report and literature review, (Radiology), 156: 279, 1985

Seurot M See Gardeur D

Severin A; Bellomi M; Cozzi G; Bellegotti L; Lattuada A: rib erosion: late complication of long-standing biliary drainage catheters, (Radiology), 150: 666, 1984

Seward IB See Shina A Shanser ID See Glick SN Shawker TH See Hill SC Seward JB See Shina A
Sewchand W See Prempree T
Sewchand W, Aygun C; Nicholson G; Salazar OM:
patient immobilization during CT for treatment
planning of head and neck cancer, (Radiology),
158: 251, 1986
Sewell CW See Berkman WA Shapir J See Christensen LR Shapir J See Hatfield M Shapir J, Bach D; Melanson D; et al: plain film manifestations of retrocrural disease, (Radiology), 156: 262, 1985 Shawker TH See Krudy AG Shawker TH See Rieth KG Shawker TH See Rieth KG:
Shawker TH; Comite F; Rieth KG: ultrasound
evaluation of female isosexual precocious
puberty, (Radiology), 154: 853, 1985
Shawker TH; Garra BS; Hill MC; et al: spectrum of
sonographic findings in pancreatic carcinoma, (J
Ultrasound Med), 5: 169, 1986 manifestations of retrocrural disease,
(Radiology), 156: 262, 1985

Shapir J; Braver J: distension of intestinal tube
balloons causing small bowel obstruction, (J
Canad Assoc Radiol), 37: 203, 1986

Shapir J; Coblentz C; Malanson D; et al: new CT
finding in aggressive meningioma, (AJNR), 6:
101, 1985

Shapiro B See Arnstein NB
Shapiro B See Arnstein NB
Shapiro B See Katsanen J
Shapiro B See Katsanen J
Shapiro B See Sisson JC
Shapiro LM See Mulcahy D
Shapiro LM See Mulcahy D
Shapiro LM See Shapiro R
Shapiro R See Virapongs C
Shapiro R: current status of lumbar diskography,
(Radiology), 159: 815, 1986
Shapiro R: Galloway SJ; Shapiro MD: minimal
asymmetry of the brain: normal variant, (AJR),
147: 733, 1986 158: 251, 1986
Sewell CW See Berkman WA
Sewell W See McSweeney MB
Seyal MS See Shanes JG
Seydal HG: spezielle strahlentherapie maligner
tumoren. teil 4 (radiation therapy of malignant
tumors, part 4), (Radiology), 157: 394, 1985
Seymour CB See Mothersill C
Sfakianakis GN: See Al-Sheikh W
Sfakianakis GN; Semuclovisky C; Strauss J; et al:
improving the technique of nuclear
cystography: the manometric approach,
(Radiology), 154: 571, 1985
Shabason L: radiation and life. 2nd ed.,
(Radiographics), 5: 692, 1985
Shabetai R See Hackney D
Shabetai R See Hackney D
Shabetai R See Slutsky RA
Shackelford GD See Gutierrez FR
Shackelford GD See Mclaister WH
Shackelford GD See Melson GL
Shackelford GD See Melson GL
Shackelford GD See Reiman TAH
Shackelford GD See Seigel MJ
Shackelford GD See Seigel MJ
Shackelford GD See Winthrop JD
Shackelford GD See Winthrop JD
Shackelford GG See Glazer HS
Shackelford GF, O'Connor PS; Dorwart RH; et al:
congruous and incongruous sectoral visual field
defects with lesions of the lateral geniculate Shawker TH; Garra BS; Loriaux DL; et al: ultrasonography of Turner's syndrome, (J Ultrasound Med), 5: 125, 1986 Ultrasound Med), 5: 125, 1986

Shawker TH; Hubbard V5; Reichert CM; et al:
cystic ovaries in cystic fibrosis: an ultrasound
and autopsy study, (Radiology), 152: 865, 1984

Shawker TH; Linzer M; Hubbard V5: chronic
pancreatitis: the diagnostic significance of
pancreatic size and echo amplitude, (Radiology),
154: 568, 1985 pancreatitis: the diagnostic significance of pancreatitis: the diagnostic significance of pancreatic size and echo amplitude, (Radiology), 154: 568, 1985

Shawker TH; Sonies BC: tongue movement during speech: a real-time ultrasound evaluation, (Radiology), 153: 589, 1984

Shawker TH; Sonies BC; Stone M; et al: real-time ultrasound visualization of tongue movement during swallowing, (Radiology), 152: 562, 1984

Shea JF See Biller J

Shea JJ Bill See Horn KL

Shea MJ See Selwyn AP

Shea NS ee Taylor GA

Shea PM; Glover MU; Handler JB; et al: nonvolumetric assessment of ventricular function by two-dimensional echocardiography in patients with coronary artery disease, (Radiology), 152: 263, 1984

Shea WJ See Guillaumin E

Shea WJ Jr; Demas BE; Goldberg HI; et al: sclerosing cholangitis associated with hepatic arterial FUDR chemotherapy: radiographichistologic correlation, (AJR), 146: 717, 1986

Sheah BJ See O'Riordan D

Shealy CN See Ash CJ

Shearer DM, See Simon NV

Shearer DM, Moore MM: lag in radiographic imaging systems: simple methods for evaluation, (Radiology), 159: 259, 1986

Sheedy PF II See Lohnson CM

Sheedy PF II See Uselch TJ

Sheets PW See Brink JA

Sheflin JR; Lee CM; Kretchmar KA: torsion of asymmetry of the brain: normal variant, (AJR), 147:753, 1986
Shapiro SR See Perry LW
Shapiro SR; Potter BM: transposition of the great arteries, (Semin Roentgenol), 20: 110, 1985
Shapter AE: current status of lumbar diskography, (Radiology, 161: 853, 1986
Sharbrough FW See Ormson MJ
Sharif H5; Tucker AK: rare skeletal manifestations in neurofibromatosis complicated with sarcoma, (Radiology), 157: 281, 1985
Sharkey C See Mandell GA
Sharma ASee Rout D
Sharma B See Ferris EJ
Sharma OP: sarcoidosis: clinical, laboratory, and immunologic aspects, (Semin Roentgenol), 20: 340, 1985
Sharma P; Daffner RH: case report 389, (Skeletal Radiol), 15: 505, 1986
Sharma RP; Keller CE; Shetty PC; Burke MW: superior vena cava obstruction: evaluation with digital subtraction angiogrpahy, (Radiology), 160: 845, 1986
Sharma S See Farman AG
Sharma S See Farman AG Shacklett DE; O'Connor PS; Dorwart RH; et al:
congruous and incongruous sectoral visual field
defects with lesions of the lateral geniculate
nucleus, (Radiology), 156: 277, 1985
Shafer RB See Grund FM
Shafer RB; Edeburn GF: can the three-phase bone
scan differentiate osteomyelitis from metabolic
or metabolic or metabolic or metabolic of metabolic of the static bone disease?, (Radiology), 154:
862, 1985
Shaff MI See Falls THM Shaff MI See Falke THM
Shaff MI See Kulkarni MV
Shaff MI, Himmelfarb E; Sacks GA; et al: whirl
sign: CT finding in volvulus of the large bowel,
(JCAT), 9: 410, 1985
Shaffer HA See Dept L Jr
Shaffer HA See deLange EE
Shaffer K See Chintapalli K
Shaffer K As comparison of computed tomography
and complex motion tomography in the
evaluation of cholesteatoma, (AJNR), 5: 303,
1984 Sheets PW See Brink JA
Sheflin JR; Lee CM; Kretchmar KA: torsion of
wandering spleen and distal pancreas, (AJR),
142: 100, 1984 1984
Shaffer RB See Potter T
Shaffer RB See Bhutani VK
Shafik A: anal cystography: new technique of cystography, (Radiology), 153: 268, 1984
Shafik A: El-Merzabani MM; El-Aaser AA; et al: anal submucosal injection: new route for drug administration in pelvic malignancies. part I. experimental study of misonidazole distribution in serum and tissues, with special reference to urinary bladder: preliminary report, (Invest Radiol), 21: 278, 1986
Shafir MK See Yeh H-C 160: 845, 1986
Sharma S See Farman AG
Sharma S See Kemper AJ
Sharma SC See Wilson DL
Sharp MJ See Merritt CRB
Sharp PF See Pitt WR
Sharp PF, Gemmell HG; Cherryman G; et al:
application of iodine-123-labeled
isopropylamphetamine imaging to the study of
dementia, (J Nucl Med), 27: 761, 1986
Sharp PF; Smith FW; Gemmell HG; et al:
technetium-99m HM-PAO stereoisomers as
potential agents for imaging regional cerebral
blood flow: human volunteer studies, (J Nucl
Med), 27: 171, 1986
Sharpless T See Lufkin RB Shega JF See Halpern SE Sheikh KMA See Puthawala AA Sheinfeld J See DiMarco PL Sheinfeld M See Glaser B Sheldon JJ See Altanan NR Sheldon JJ See Francis DA Sheldon JJ See Fomeranz SJ Sheldon JJ See Post MJD Sheldon JJ See Quencer RM Sheldon JJ See Tobias JA Shafir MK See Yeh H-C Shaftan GW See Sclafani SJA Sheldon JJ See Tobias JA
Sheldon JJ; Janowitz W; Leborgne JM; et al:
intravenous DSA of extracranial carotid lesions:
comparison with other techniques and
specimens, (AJNR), 5: 547, 1984
Sheldon JJ; Janowitz W; Leborgne JM; et al:
intravenous DSA of extracranial carotid lesions:
comparison with other techniques and
specimens, (AJR), 143: 1289, 1984
Sheldon JJ; Siddharthan R; Tobias J; et al: MR
imaging of multiple sclerosis: comparison with
clinical and CT examinations in 74 patients,
(AJNR), 6: 683, 1985
Sheldon PE See Crooks LE
Sheldon PE See Crooks LE Shafton EP See Amparo EG Shah AA See Ahmadpour H Shah H See Wilson WG blood How: numan Volunteer studies, () Nucl
Med), 27: 171, 1986
Sharpless T See Lufkin RB
Shaver JA See Gamble WH
Shaver R See Pearse DM
Shaw BW Jr See Zajko AB
Shaw C-G: digital image processing in radiology,
(Radiology), 160: 124, 1986
Shaw C-G; Plewes DB: pulsed-injection method for
blood flow velocity measurement in
intraarterial digital subtraction angiography,
(Radiology), 160: 556, 1986
Shaw C-G; Plewes DB: quantitative digital
subtraction angiography: two scanning
techniques for correction of scattered radiation
and veiling glare. work in progress, (Radiology),
157: 247, 1985
Shaw D-D See Kieffer SA Shah H See Wilson WG
Shah HR See Balachandran S
Shah HR See Liu G-C
Shah JP See Liu G-C
Shah JP See Vikram B
Shah KJ See Coad NAG
Shah PM See Tei C
Shah PM See Wong M
Shah See Wong M
Shah See Witchell DM
Shah V See Nag S
Shah V See Yang WC
Shah YP See Hadlock FP
Shah ZR; Bellon EM: changing pattern in focal fatty change of the liver: case report, (CT), 10: 261, 1986
Shahian DM See Cossi AF Sheldon PE See Crooks LE
Sheldon PE See Crooks LE
Sheldon PE See Crooks LE
Sheldon PE See Gamsu G
Shelhammer J See Pass HI
Shellock FG; Schaefer DJ; Gordon CJ: effect of a 1.5
T static magnetic field on body temperature of man. (Magn Res Med). 3: 644, 1986
Shelton DK See Chasen MH
Shelton DK See Chasen MH
Shelton DK See Friedman M
Shen E-Y; Huang F-Y: subependymal cysts in normal neonates, (Radiology), 160: 288, 1986
Shepard J-AO; Dedrick CG; Spizarny DL; et al: dynamic incremental computed tomography of the palmonary hila using a flow-rate injector, (JCAT), 10: 369, 1986
Shepard J-AO; Gerlick CG; Spizarny DL: right-pneumonectomy syndrome: radiologic findings and CT correlation, (Radiology), 161: 661, 1986
Shepard J See Brown KT Change of the Net- Leaf et Polit, (CT), 10: 201, 1986
Shahian DM See Cossi AF
Shaked I See Michowiz SD
Shalev E; Ben-Ami M; Zuckerman H: real-time ultrasound diagnosis of bleeding uterine perforation during therapeutic abortion, (JCU), 14: 66, 1986
Shalev J See Graif M
Shamam OM See Beltran J
Shamam OM See Weiss KL
Shanberg AM See Tansey LA
Shane LB See Barron TF
Shanes JG; Levitsky S; Seyal MS; et al: diagnosis of left ventricular to right atrial shunt utilizing contrast echocardiography, (Radiology), 152: 563, 1984
Shanik DG See O'Connor MK Shaw DD See Kieffer SA
Shaw DG See Kieffer SA
Shaw DG See Joannides T
Shaw EG; Evans RG; Scheithauer BW; et al:
radiotherapeutic management of adult
intraspinal ependymomas, (Int J Radiat Oncol
Biol Phys), 12: 323, 1986 Biol Phys), 12: 323, 1986
Shaw LA See Koontz WL
Shaw PC See de Roos A
Shaw PC See Hodson EM
Shaw PF See Hodson EM
Shaw PJ; Saunders AJ; Drake DP: case report:
ultrasonographic demonstration of portal vein
thrombosis in the acute abdomen, (Clin Radiol),
37: 101, 1986
Shaw WM See Kurk AB Shanik DG See O'Connor MK 37: 101, 1986
Shaw WM See Kurtz AB
Shaw WW See Zorgniotti AW
Shawdon H See Illingworth R
Shawis R See Turnock RR
Shawis RN; Doig CM: gastric trichobezoar
associated with transient pancreatitis,
(Radiology), 155: 854, 1985
Shawker TH See Doppman JL
Shawker TH See Fink IJ
Shawker TH See Sarra RS Shanik DG See O'Connor MK
Shank B: radiation therapy of microgliomas,
(Radiology), 151: 805, 1984
Shank B: technological basis of radiation therapy:
practical clinical applications, (Radiology), 154:
348, 1985
Shankar L See Leekam RN
Shankaran S See Slovis TL
Shannon RH: information integration for the
imaging specialist, (Radiol Clin North Am), 24:
121, 1986 Shepard JO See Brown KT Shepard JO See Dedrick CG Shepard MK See Dornbluth NC Shepard TH See Cyr DR Shepherd HA See Mendelson RM Shepherd HA Havyay L Jackson A Shepherd HA; Harvey J; Jackson A; et al: recurrent retching with gastric mucosal prolapse: a proposed prolapse gastropathy syndrome, (Radiology), 153: 267, 1984

Shawker TH See Garra

Shepherd J See Epenetos AA Shepherd JC: modern medicine, modern law: lasting values, (AJR), 143: 187, 1984
Sheps SG See Swenson SJ

Sheps SG See Wytock DH Sheriff CR See McNeil BI

Sherman DG; Goldman L; Whiting RB; et al: thromboembolism in patients with atrial fibrillation, (Radiology), 155: 859, 1985 Sherman JK See Hopper KD Sherman JL See Barkovich AJ Sherman JL See Quinn MJ

Sherman JL; Citrin CM: magnetic resonance demonstration of normal CSF flow, (AJNR), 7: 3,

Sherman JL; Citrin CM; Bowen BJ; et al: MR demonstration of altered cerebrospinal fluid flow by obstructive lesions, (AJNR), 7: 571, 1986

Sherman JL, Citrin CM; Gangarosa RE; et al: MR appearance of CSF pulsations in the spinal canal., (AJNR), 7: 879, 1986 Sherman JL; Citrin CM; Johns T; et al: Erdheim-Chester disease: computed tomography in two cases, (AJNR), 6: 444, 1985

Sherman JL; Hopper KD; Greene AJ; et al: retrorenal colon on computed tomography: normal variant, (JCAT), 9: 339, 1985 Sherman NH See Kremer SM

Sherman NH See Kremer SM Sherman NH See Rosenberg HK; Heyman S; et al: ultrasound evaluation of neck masses in children, (J Ultrasound Med), 4: 127, 1985 Sherman NH; Rosenburg HK; Heyman S; et al: ultrasound evaluation of neck masses in children, (Radiology), 157: 282, 1985

children, (Radiology), 157: 282, 1985
Sherman PM See Stringer DA
Sherman RW See Gogel HK
Sherowsky RC; Williams CH; Nichols VB; et al:
prenatal ultrasonographic diagnosis of a
sacrococcygeal teratoma in twin pregnancy, (J
Ultrasound Med), 4: 159, 1985
Sherry AD See Geraldes CFCC

Sherry CS; Diamond NG; Meyers TP; et al: successful treatment of superior vena cava syndrome by venous angioplasty, (AJR), 147: 834, 1986

Sherry RG See Anderson RE Sherry RG See Armington WG Sherry RG See Dillon WP Sherry RG See Som PM

Snerry RG, See Som FM
Sherry RG, Anderson RE: real-time digitally subtracted fluoroscopy for cervical myelography, (Radiology), 151: 243, 1984
Sherry RG, Walker ML; Olds MV: sinus pericranii and venous angioma in the blue-rubber bleb nevus syndrome, (AJNR), 5: 832, 1984
Sherwin N See Makler PT JF
Sherwond T See Barton EL

Sherwood T See Barton EJ Sheth NK See Wagner DK Shetty PC See Ackerman LV Shetty PC See Krasicky GA Shetty PC See Sharma RP

Shetty PC See Watt AC
Shetty PC, Bok LR; Burke MW; Sharma RP: balloon
dilation of the femoral vein expediting
percutaneous Greenfield vena caval filter
placement, (Radiology), 161: 275, 1986
Shetty PC; Krasicky GA; Sharma RP; Vemuri BR;
Burke MM: mycotic aneurysms in intravenous
drug abusers: utility of intravenous digital
subtraction angiography, (Radiology), 155: 319,
1985

1985 Sheu J-C See Yang P-C Sheu J-C; Chen D-S; Sung J-L; Chuang C-N; Yang P-M; Lin J-T; Yang P-C: hepatocellular carcinoma: US evolution in the early stage, (Radiology), 155: 463, 1985

(Radiology), 155: 463, 1985

Sheu J-C; Sung J-I; Chen D-S; et al: early detection of hepatocellular carcinoma by real-time ultrasonography. prospective study, (Radiology), 158: 566, 1986

Sheu J-C; Sung J-I; Chen D-S; Yu J-Y; Wang T-H: ultrasonography of small hepatic tumors using high-resolution linear-array real-time instruments, (Radiology), 150: 797, 1984

Sheward SE See Williams AG Jr

Sheward SE: case of the season (Semin Reanteeach)

Sheward SE: case of the season, (Semin Roentgenol), 20: 197, 1985

Sheward SE, Williams AG Jr; Mettler FA Jr; et al: CT appearance of a surgically retained towel (gossypiboma), (JCAT), 10: 343, 1986 Shi EC See Choy D

Shibamoto Y; Sakano K; Kimura R; et al: radiosensitization in vitro and in vivo by 3-nitrotriazoles, (Int J Radiat Oncol Biol Phys), 12:

Shibuya H; Horiuchi JI; Suzuki S; et al: oral carcinoma of the upper jaw. results of radiation treatment, (Radiology), 156: 572, 1985
Shields AF See Olson DO

Shields AF See Porter BA Shields JA See Gomori JM Shields JA See Markoe AM Shields IA See Peyster RG

Shields JA; Bakewell B; Augsburger JJ; et al: classification and incidence of space-occupying lesions of the orbit. a survey of 645 biopsies, (Radiology), 156: 861, 1985

Shields JA; Nelson LB; Brown JF; et al: clinical, computed tomographic, and histopathologic characteristics of juvenile ossifying fibroma with orbital involvement. (Radiology), 152: 553,

Shields JA; Packer S: radioactive phosphorus uptake test for the diagnosis of malignant melanoma of the choroid, (Semin Nucl Med), 14: 31, 1984

Shields IB See Pilla TI Shiels RA See Chisholm EM Shiels WE See Johnson JF

Shiels WE; Dueno F; Hernandez E: ovarian dermoid cyst complicated by an entero-ovarian fistula, (Radiology), 160: 443, 1986

Shigeno C See Aoki J Shigeta A See Tsuchiya F Shih W-J See Lee AW

Shih W-J; Coupal JJ; DeLand FH; et al: demonstration of pulmonary mass defect by iodine-123 N.N.N'trimethyl-N'[2-hydroxy-3 methyl-5-iodobenzyl-1,3-propanediamine l imaging, (Clin Nucl Med), 11: 632, 1986

Shih W-J; Coupal JJ; Domstad PA; et al: diffuse thoracoabdominal radioactivity seen in bone imaging, (Clin Nucl Med), 11: 254, 1986

Shih W-J; Daniel T; DeLand FH; et al: false-positive radiocolloid liver image due to a subphrenic abscess, (Clin Nucl Med), 11: 400, 1986

Shih W-J: DeLand FH; Domstad PA; et al: progression of mediastinal tuberculosis and superior vena caval obstruction demonstrated by gallium-67 citrate and radiocolloid liver scintigraphy, (Clin Nucl Med), 11: 126, 1986

Shih W-J; DeLand FH; Domstad PA; et al: ring-like uptake pattern of a skeletal imaging agent in a huge renal cell carcinoma, (Clin Nucl Med), 11: 319, 1986

Shih W-J; Deland FH; Domstad PA; et al: sequential early and delayed myocardial <sup>59m</sup>Tc pyrophosphate scans: evaluation of diffuse myocardial uptake, (Radiology), 153: 281, 1984
Shih W-J; Domstad PA; DeLand FH: crescent sign on radionuclide static brain imaging, (Semin Nucl Med), 15: 67, 1985

Shih W-J; Domstad PA; DeLand FH: diffuse radioactivity in the thoraco-abdominal region seen in bone scintigraphy, (Semin Nucl Med), 16: 211 1986

Shih W-J; Domstad PA; DeLand FH: extrarenal abnormalities in Tc-99m-DTPA renal blood flow studies, (Radiology), 154: 197, 1985

Shih W-J; Domstad PA; DeLand FH; et al: incidental vertebral lesions identified during technetium-99m sulfur colloid liver-spleen imaging, (Clin Nucl Med), 11: 585, 1986

Shih W-J; Domstad PA; DeLand FH: opportunistic intracranial infection in AIDS detection by technetium-99m DTPA brain scintigraphy, (J Nucl Med), 27: 498, 1986

Shih W-J; Domstad PA; Li C-Y; et al: radiocolloid scintigraphy in Felty's syndrome, (AJR), 147: 181, 1986

Shih W-J; Domstad PA; Lieber A; et al: localization of 99mTc-HMDP in hepatic metastases from colonic carcinoma, (AJR), 146: 333, 1986

Shih W-J; Riley CN; Domstad PA; et al: scintigraphic findings of multiple osteochondromas, (Clin Nucl Med), 11: 600,

Shih YH See Schaffer RM Shihab ZM See Eretto P Shikowitz MJ See Wenig BL

Shilnikov GV; Khusainov AA; Sarvazyan AP; et al: detection of temperature induced structural changes in T4B and T7 bacteriophages by means of high precision acoustic velocity measurements, (Ultrasound Med Biol), 12: 511,

Shiloni E See Lebensart PD Shima Y See Muramatsu Y Shima Y See Takayasu K Shimabukuro K See Nakajo M Shimaguchi S See Ariyama J Shimakawa A See Axel L

Shimakawa A See Daniels DL Shimakawa A See Kneeland JB

Shimakawa A See Wehrli FW Shimizu FH See Solti-Bohman LG

Shimizu K; Matsuda T; Sakurai T; Fujita A;
Ohara H; Okamura S; Hashimoto S; Mano H;
Kawai C; Kiri M: visualization of moving fluid;
quantitative analysis of blood flow velocity
using MR imaging, (Radiology), 159: 195, 1986

Shimizu M See Awazu M Shimizu Y See Iwase M Shimkin PM See Velt PM

Shin MS See Adey CK Shin MS See Jolles PR Shin MS See Rubin E Shin MS See Vaid YN

Shin MS See Wise RH Jr Shin MS; Anderson SD; Myers J; et al: pitfalls in CT evaluation of chest wall invasion by lung cancer. (JCAT). 10: 136, 1986

cancer, (JCAT), 10: 136, 1986
Shin MS; Bailey WC: computed tomography of invasive pleural mesothelioma, (Radiology), 152: 560, 1984
Shin MS; Berland LL: computed tomography of retrocrural spaces: normal, anatomic variants, and pathologic conditions, (AJR), 145: 81, 1985
Shin MS; Berland LL; Ho K-J: computed tomography evaluation of primary and secondary sternal neoplasms, (CT), 10: 27, 1986
Shin MS; Berland LL; Ho K-J: mediastinal cystic hygromas: CT characteristics and pathogenetic consideration, (JCAT), 9: 297, 1985
Shin MS; Ho K-J: broncholithiasis: its detection by computed tomography in patients with

Shin MS; Ho K-J: broncholithiasis: its detection by computed tomography in patients with recurrent hemoptysis of unknown etiology, (Radiology), 156: 614, 1984Shin MS; Ho K-J: computed tomographic characteristics of pleural empyema, (Radiology), 150: 295, 1984

Shin MS; Ho K-J: mesodermal cyst of the spleen: computed tomographic characteristics and pathogenetic considerations, (Radiology), 151: 555, 1984

Shin MS; Ho K-J: spontaneous radiographic resolution of malignant and benign cysts, (CT), 10: 99. 1986

Shin MS; Ho K-J; Kirklin JW; et al: abdominal pseudoaneurysm arising from a true aneurysm: presentation as a pulmonary mass, (AJR), 146: 155, 1986

Shin MS; Jackson LK; Shelton RW Jr; et al: giant cell carcinoma of the lung: clinical and roentgenographic manifestations, (Radiology), 160: 856, 1986

Shin MS; Jolles PR; Ho K-J: CT evaluation of distended pericardial recess presenting as a mediastinal mass, (JCAT), 10: 860, 1986

Shin YH See Schaffer RM
Shina A; Seward JB; Tajik AJ; et al: twodimensional echocardiographic-surgical
correlation in Ebstein's anomaly: preoperative
determination of patients requiring tricuspid
valve plication vs replacement, (Radiology), 151:
832, 1984

hindo K See Hirashima Y Shindo S Ber Fitashima 1 Shindo S, Bernstein J, Arant BS Jr. evolution of renal segmental atrophy (Ask-Upmark kidney) in children with vesicoureteric reflux: radiographic and morphologic studies, (Radiology), 151: 263, 1984 Shinkawa A See Sakai M

Oninkawa A See Sakai M
Senmon K; Bergman EW Jr; et al:
management of hydrocephalus in infancy: use
of acetazolamide and furosemide to avoid
cerebrospinal fluid shunts, (Radiology), 158:
282, 1986

Shipley RT; McLoud TC; Dedrick CG; et al: computed tomography of the tracheal bronchus, (JCAT), 9: 53, 1985

computed tomography of the tracheal bronchus, (JCAT), 9-53, 1985.

Shipley WU See Biggs PJ Shipley WU; Coombs LJ; Einstein AB Jr; et al: cisplatin and full dose irradiation for patients with invasive bladder carcinoma: preliminary report of tolerance and local response, (Radiology), 156: 266, 1985.

Shippel A: introduction to magnetic resonance imaging, (Radiology), 160: 594, 1986.

Shippel AH See England AC III

Shirahata N; Henriksen L; Vorstrup S; et al: regional cerebral blood flow assessed by <sup>133</sup>Xe inhalation and emission tomography: normal values, (JCAT), 9: 861, 1985.

Shirazi KK; Agha FP; Strodel WE; et al: non-obstructive colonic dilation: radiologic findings in 50 patients following colonoscopic treatment, (Radiology), 155: 271, 1985.

Shirazi KK; Amendola MA; Tisnado J; et al: radiographic findings in the chest of patients following cardiac transplantation, (Radiology), 150: 287, 1984.

Shirazi KK; Maull KI: subhepatic sonography following cholecystectomy, (Radiology), 150: 298, 1984

298, 1984
Shires GT III See Murphy FB
Shirkhoda A See Eftekhari F
Shirkhoda A See Katz RL
Shirkhoda A See McLeod AJ
Shirkhoda A See Mullin D

Shirkhoda A See Pollack M Shirkhoda A: computed tomography of perirenal metastases, (JCAT), 10: 435, 1986 Shirkhoda A; Brashear HR; Zelenik ME; et al: sacral

abnormalities—computed tomography versu conventional radiography, (Radiology), 152: 861, 1984

Shirkhoda A; Brashear HR; Zelenik ME; et al: sacral abnormalities—computed tomography versu conventional radiography, (Radiology), 154: 859, 1985

Shirkhoda A; Eftekhari F; Frankel LS; et al: diagnosis of leukemir relapse in the pelvic soft tissues of juvenile females, (JCU), 14: 191, 1986 Shirkhoda A; Jaffe N; Wallace S; et al: computed tomography of osteosarcoma after intraarterial chemotherapy, (AJR), 144: 95, 1985

Shirkhoda A; Lopez-Berestein G; Holbert JM; Luna MA: hepatosplenic fungal infection: CT and pathologic evaluation after treatment with liposomal amphotericin B, (Radiology), 159: 349, 1986

Shirkhoda A; Wallace S: computed tomography of juxtacardiac pheochromocytoma, (Radiology), 154: 859, 1985

Shirkhoda A; Wallace S; Sokhandan M: computed tomography and ultrasonography in splenic infarction, (Radiology), 157: 861, 1985 Shirley SK See Reinus WR

Shirley SK, Gilula LA; Siegal GP; et al: roentgenographic-pathologic correlation of diffuse sclerosis in Ewing sarcoma of bone, (Radiology), 154: 849, 1985 Shiue C-Y; Fowler JS; Wolf AP; et al: no-carrier-added fluorine-18-labeled N-

methylspiroperidol: synthesis and biodistribution in mice, (J Nucl Med), 27: 226,

Shives TC See Nakashima Y Shives TC See Zimmer WD Shkolnik A See Atlas SW

Shkolnik A: applications of ultrasound in the neonatal abdomen, (Radiol Clin North Am), 23: 141, 1985

Shkolnik A; Atlas S; McLone DG: intraoperative neurosonography in pediatrics, (Radiographics), 4: 945, 1984

4: 945, 1984

Shitz RE; Hanno PM; Wein AJ; et al: percutaneous ultrasonic lithotripsy: choice of irrigant. (Radiology), 152: 552, 1984

Shohet I See Graif M

Shokry A; Janzer RC; von Hochstetter AR; et al: primary intracranial germ-cell tumors: clinocopathological study of 14 cases, (Radiology), 159: 573, 1986

Sholler GF; Yu JS; Bale PM; et al: generalized arterial calcification of infancy: three case reports, including spontaneous regression with long-term survival. (Radiology), 155: 278, 1985

Shook DR See Doepman IL

Shook DR See Doppman JL Shoor PM See Kinney TB

Shoor PM See Kinney TB
Shore A See Rush PJ
Shore A See Rush PJ
Shore RM; Hendee WR: radiopharmaceutical dosage
selection for pediatric nuclear medicine. (J Nucl
Med), 27: 287, 1986
Shore RM; Koff SA; Mentser M; Hayes JR;
Smith SP; Smith JP; Chesney RW: glomerular
filtration rate in children: determination from
the Tc-99m-DTPA renogram, (Radiology), 151:
627, 1984

Shorey WD See Alcorn FS Short AK See Sibbald WJ Short BL See Taylor GA

Short CD See Griffin JF Short D. Webley M: periosteal new bone formation complicating juvenile polyarteritis nodosa, (Radiology), 154: 277, 1985 Short WF See Manco LG Shortliffe L See Rifkin MD

Shortliffe LMD: role of an indium leukocyte scan in the diagnosis of a pyeloduodenal fistula associated with spontaneous disappearance of a staghorn calculus, (Radiology), 157: 864, 1985 Shortsleeve MJ; Schatzki SC; Lee DL:

monooctanoin dissolution of gallstones via a cholecystostomy tube, (Radiology), 153: 547,

1984

Shorvon PJ See Hall-Craggs MA

Shoss SM; Donovan DT; Alford BR: tumors of the parapharyngeal space, (Radiology), 161: 286, 1986

Shoukimas GM See Edelman RR Showalter CK See Butler PF Showalter CK See Suleiman OH Showers DK See Siedband MP

Shpall EJ; Efremidis AP; Kasambalides E; et al: case report 352, (Skeletal Radiol), 15: 170, 1986 Shreiner DP See Lavine SJ

Shreiner DP; Sarva RP; Van Thiel D; et al: gallbladder function in diabetic patients, (J Nucl Med), 27: 357, 1986 Shreve P See Hearshen DO

Shreve P; Aisen AM: monoclonal antibodies labeled with polymeric paramagnetic ion chelates, (Magn Res Med), 3: 336, 1986 Shrieve DC See Ono K

Shrieve DC; Harris JW: effects of glutathione depletion by buthionine sulfoximine on the sensitivity of EMT6/SF cells to chemotherapy agents or x radiation. (In J Radiat Oncol Biol Phys), 12: 1171, 1986

Shrimpton PC; Wall BF; Jones DG; et al: doses to patients from routine diagnostic x-ray examinations in England, (Br J Radiol), **59**: 749, 1986 Shtasel P See Schorr AB

Shuangshoti S; Kasantikul V; Suwanwela N; et al: solitary primary intracranial extracerebral glioma. case report, (Radiology), 155: 858, 1985

by MD; Ulshen MH; Hargrove CB; et al: esophagitis: frequent consequence of gastroesophageal reflux in infancy, (Radiology), 159: 576, 1986

Shuer L See Enzmann DR Shuer LM See Steinberg GK

Shuford WH; Sybers RG; Gordon IJ; et al: circumflex retroesophageal right aortic arch simulating mediastinal tumor or dissecting aneurysm, (AJR), 146: 491, 1986

Shugar JMA See Som PM Shugar MA See Mafee MF

Shukla SS; Leichter I; Karellas A; Craven JD; Greenfield MA: trabecular bone mineral density measurement in vivo: use of the ratio of coherent to Compton-scattered photons in the calcaneus, (Radiology), 158: 695, 1986

Shuler S See Witherspoon L

Shulkin BL, Shapiro B, Tobes MC; et al: iodine-123-4-amino-3-iodobenzylguanidine, a new sympathoadrenal imaging agent: comparison with iodine-123 metaiodobenzylguanidine, (J Nucl Med), 27: 1138, 1986

Shulkin PM See Holman BL

Shulman DI; Martinez CR; Bercu BB; et al: hypothalamic-pituitary dysfunction in primary empty sella syndrome in childhood, (Radiology), **160**: 861, 1986

Shulman HS See Berthoty DP

Shulman ST See Farley T Shultz S; Druy EM; Friedman AC: common hepatic artery aneurysm: pseudopseudocyst of the pancreas, (AJR), 144: 1287, 1985

Shuman CR See Maurer AH Shuman L See Kinnison MI.

Shuman L See Mitchell SE

Shuman L See Mitchell SE; Kadir S; Kaufman SL; Chang R: right-sided varicocele: technique and clinical results of balloon embolotherapy from the femoral approach, (Radiology), 158: 787, 1986 Shuman LS See Larson TC III

Shuman LS; Libshitz HI: solid pleural manifestations of lymphoma, (AJR), 142: 269, Shuman WP See Cyr DR

Shuman WP See Griffin BR Shuman WP See Haynor DR Shuman WP See Montana MA Shuman WP See Rogers JV III Shuman WP See Schoenecker SA

Shuman WP; Carter SJ; Montana MA; Mack LA; Moss AA: pancreatic insufficiency: role of CT evaluation, (Radiology), 158: 625, 1986

Shuman WP, Griffin BW; Haynor DR, Johnson JS; Jones DC; Cromwell LD; Moss AA: MR imaging in radiation therapy planning: work in progress, (Radiology), 156: 143, 1985

mman WP; Griffin BR; Yoshy CS; et al: impact of CT CORRELATE ScoutView images on radiation therapy planning, (AJR), 145: 633, 1985

Shuman WP; Heilman RS; Carson EB: DRGs and the radiologist as a consultant, (AJR), 143: 193, 1984
Shuman WP; Morris LLN; Leonetti DL; et al: abnormal body fat distribution detected by computed tomography in diabetic men, (Invest Radiol), 21: 483, 1986

Station J. 21: 463, 1966
Shuman WP; Rogers JV; Rudd TG; et al: low sensitivity of sonography and cholescintigraphy in acalculous cholecystitis, (AJR), 142: 531, 1984
Shuman WP; Rogers JV; Sickler ME; et al: thoracolumbar burst fractures: CT dimensions of the spinai canal relative to postsurgical improvement, (AJNR), 6: 337, 1985

Shuman WP; Rudd TG; Rogers JV; Stevenson JK; Larson EB: radionuclide hepatobiliary imaging and real-time ultrasound in the detection of acute cholecystitis, (Radiology), 152: 238, 1984

Shung KK; Fei DY; Ballard JO III: further studies on ultrasonic properties of blood clots, (JCU), 14: 269, 1986

Shung KK; Fei D-y; Yuan Y-w; et al: ultrasonic characterization of blood during coagulation, (Radiology), 153: 860, 1984

Shutts D See Wehrli FW

Shwachman H See Hernanz-Schulman M Shweni PM; Kambaran SR; Ramdial K: fetal ascites. report of 6 cases, (Radiology), 156: 283, 1985 Siassi B See DeVore GR

Siassi B See Walther FJ Siauw C-P See Tsai G-L

Sibbald WJ; Warshawski FJ; Short AK; et al: clinical studies of measuring extravascular lung water by the thermal dye technique in critically ill patients, (Radiology), **150**: 611, 1984

Sibbitt RR See Palmaz JC
Sibbitt RR; Palmaz JC; Caplan RE; Page CP;
Garcia F: percutaneous biliary drainage with an enteric feeding tube, (Radiology), 157: 819, 1985
Sibbitt RR; Palmaz JC; Garcia F: Reuter SR: trauma of the extremities: prospective comparison of digital and conventional angiography, (Radiology), 160: 179, 1986
Siber M See Duker JS
Sibley R See Zollikofer CL
Sicard GA See Rholl KS
Sick H See Wackenheim A
Sickler ME See Mack LA
Sickler ME See Shuman WP
Sickles EA See Weber WN

Sickles EA. See Weber WN
Sickles EA. See Weber WN
Sickles EA. See Weber WN
Sickles EA: breast calcifications: mammographic
evaluation, (Radiology), 160: 289, 1986
Sickles EA: breast cancer detection with
transillumination and mammography, (AJR),
142: 841, 1984

Sickles EA: mammographic features of 300 consecutive nonpalpable breast cancers, (AJR), 146: 661, 1986

consecutive nonpalpable breast cancers, (AJR), 146: 661, 1986
Sickles EA: mammographic features of "early" breast cancer. (AJR), 143: 461, 1984
Sickles EA; Filly RA; Callen PW: benign breast lesions: ultrasound detection and diagnosis, (Radiology), 151: 467, 1984
Sickles EA; Galvin HB: breast arterial calcification in association with diabetes mellitus: weak correlation, (Radiology), 155: 577, 1985
Sickles EA; Webber WN; Galvin HB; Ominsky SH; Sollitto RA: mammographic screening: how to operate successfully at low cost: reply. (Radiology), 161: 351, 1986
Sickles EA; Weber WN; Galvin HB; Ominsky SH; Sollitto RA: mammographic screening: how to operate successfully at low cost; cancer and the complex of clinical utility. (AJR), 146: 1137, 1986
Sickles EA; Weber WN; Galvin HB; Ominsky SH; Sollitto RA: mammographic screening: how to operate successfully at low cost, (Radiology), 160: 95, 1986
Sickles EA; Weber WN; Galvin HB; Ominsky SH;

operate successfully at low cost, (kadiology),
160: 95, 1986
Sickles EA; Weber WN; Galvin HB; Ominsky SH;
Sollitto RA: mammographic screening: how to
operate successfully at low cost: reply,
(Radiology), 161: 850, 1986
Sicora K See Phillips J
Siddiqui A See Phillips J
Siddiqui A See Martin-Simmerman P
Siddiqui AS See Baker M
Siddiqui AR See Chen MD
Siddiqui AR See Davis RB
Siddiqui AR See Lee TA III
Siddiqui AR See Rese CR
Siddon RI. See Buck BA
Siddon RI. See Devk BB
Siddon RI. See BB
Siddon RI

Sider I.; Mintzer RA; Vrla RF; et al: use of DSA for diagnosis of Takayasu's arteritis, (Radiology). 156: 264, 1985
Sieck JO; Cowglit R; Larkworthy W: peritoneal encapsulation and abdominal cocoon: case reports and a review of the literature, (Radiology), 151: 259, 1984
Siedband MF; viewpoint: upgrading older x-ray systems, (Radiographics), 5: 217, 1985
Siedband MF; Showers DK: flywheel energy storage for x-ray machines, (Radiology), 154: 287, 1985
Siedler DE; Mahony BS; Hoddick WK; et al: specular reflection arising from the ventricular wall: potential pitfall in the diagnosis of germinal matrix hemorrhage, () Ultrasound Med), 4: 109, 1985
Siegal GF See Lysko JE
Siegal GF See Shirley SK
Siegal J See Sable RA
Siegal T See Raz I
Siegel BA See Alderson PO
Siegel BA See Alderson PO
Siegel BA See Alderson PO
Siegel BA See Cunningham DA
Siegel BA See Cunningham DA
Siegel BA See Martin KW
Siegel BA See Rosen JM
Siegel BA See Rosen JM
Siegel BA See Rosen JM
Siegel BA See Wartin KW
Siegel J, Maurer AH; Wu RK; Blasius KM;
Denenberg BS; Gash AK; Carabello BA;
Spann JF; Malmud LS: absolute left ventricular volume by an iterative build-up factor analysis of gated radionuclide images, (Radiology), 151: 477, 1984

477, 1984
Siegel JC See Simon NV
Siegel ME See Colletti PM
Siegel ME See Colletti PM
Siegel ME See Stewart CA
Siegel MJ See Amundsen TR
Siegel MJ See McAlister WH
Siegel MJ See McAlister WH
Siegel MJ See Winthroy JD
Siegel MJ; Jamroz GA; Glazer HS; et al: MR
imaging of intraspinal extension of

imaging of intraspinal extension of neuroblastoma, (JCAT), 10: 593, 1986 Siegel MJ; Nadel SN; Glazer HS; Sagel SS:

mediastinal lesions in children: comparison of CT and MR, (Radiology), 160: 241, 1986

Siegel MJ; Shackelford GD; Perlman JM; Fulling KH: hypoxic-ischemic encephalopathy in term infants: diagnosis and prognosis evaluated by ultrasound, (Radiology), 152: 395, 1984

1984
Siegel NJ See Rosenfield AT
Siegelman SS See Chaloupka JC
Siegelman SS See Fishman EK
Siegelman SS See Friedman AC
Siegelman SS See Faredman AC
Siegelman SS See Hamper UM
Siegelman SS See Hamper UM
Siegelman SS See Kuhlman JE
Siegelman SS See McCort JJ
Siegelman SS See Mgid D
Siegelman SS See Mgid D
Siegelman SS See Meziane MA
Siegelman SS See Meziane MA

Siegelman SS See Roberts JL Siegelman SS See Scott PP Siegelman SS See Zerhouni EA Siegelman SS: Radiology 1986, (Radiology), 158: 265,

1986
Siegelman SS; Khouri NF; Leo FP; Fishman EK;
Braverman RM; Zerhouni EA: solitary
pulmonary nodules: CT assessment,
(Radiology), 160: 307, 1986
Siegelman SS; Khouri NF; Scott WW Jr; et al:

computed tomography of the solitary pulmonary nodule, (Semin Roentgenol), 19: 165,

1984

Siegelman SS; Khouri NF; Scott WW Jr; Leo FP;
Hamper UM; Fishman EK; Zerhouni EA:
pulmonary hamartoma: CT findings,
(Radiology), 160: 313, 1986

Siegenthaler W See Goebel N

Siegfried MS; Rochester D: computed tomography
appearance of fused (horseshoe) kidney.
(Radiology), 151: 555, 1984

Siegle RL see Magill HL

Siegle RL: advertising of contrast material: a
developing problem, (Radiology), 153: 261, 1984

Siemann DW See Rubin P

Siemers PT See Harms SE

Sievers R See McNamara MT

Sievers R See McNamara MT Sievers R See McSamara MT Sievers R See Wesbey GE Sigal E; Pogany AC; Goldman IS: marked hepatic congestion caused by a thoracoabdominal aneurysm, (Radiology), 156: 855, 1985 Sieal R See Atlan H

aneurysm, (Radiology), 156: 855, 1985
Sigal R See Atlan H
Sigel B See Beitler JC
Sigel B See Ramos JR
Sigel B See Ramos JR
Sigel B See Ramos JR
Sigel B; Coelho JCU; Machi J; et al: application of real-time ultrasound imaging during surgical procedures, (Radiology), 151: 556, 1984
Sigel B; Flanigan DP; Schuler JJ; et al: imaging ultrasound in the intraoperative diagnosis of vascular defects, (Radiology), 152: 864, 1984
Sigel B; Machi J; Anderson KW III; et al: operative sonography of the biliary tree and pancreas, (Semin US CT MR), 6: 2, 1985
Sigel B; Machi J; Anderson KW III; et al: operative ultrasonic imaging of vascular defects, (Semin US CT MR), 6: 85, 1985
Sigel H See Arlart IP

Sigel H See Arlart IP Sigfred SV See Vinson AM Sigfusson BF See Jonsson K Sigfusson BF; Wehlin L; Lindstrom CG: variants of

Sigtusson BF; Wehlin L; Lindstrom CG: variants of pancreatic duct system of importance in endoscopic retrograde cholangiopancreatography, observations on autopsy specimens, (Radiology), 151: 819, 1984 Sigler L See Ambriz R Sihelnik S See Blei CL Sijbrandij S See Widjaja PM

Silora K: molecular biology and the treatment of cancer, (Radiology), 156: 573, 1985 Sikov MR: developmental effects of ultrasound exposure in mammals, (Ultrasound Med Biol), 12: 686, 1986 Silber JH See Peyster RG

Silber JH See Peyster RG
Silber W: prevalence, course and management of
some benign oesophogeal diseases in the Black
population. the Groote Schuur Hospital
experience, (Radiology), 150: 854, 1984
Silberberg DH See Grossman RI
Silberman L See Zwelling LA
Silbersten EB; Schneider HJ; Khodadad G;
DeVries D; Rauf GC; Noll R: laminectomy:

DeVries D; Rauf GC; Nóll R: laminectomy: effects on postoperative technetium and gallium scintigraphy, (Radiology), 151: 785, 1984
Silbiger ML Jr See Martin LG
Silengo MC; Franceschini P; Bianco R; et al: distinctive skeletal dysplasia in Cockayne syndrome, (Pediatr Radiol), 16: 264, 1986
Silfversward C See Sjovall K
Sillence D See Kozlowski K
Sillenud LO See Han CH
Silver AF, Canti SR: Hilal SK: carotid region:

Silver AJ; Ganti SR; Hilal SK: carotid region: normal and pathologic anatomy on CT, (Radiol Clin North Am), 22: 219, 1984

Cun North Am), 22: 219, 1984

Silver AJ; Mawad ME; Hilal SK; Ascherl GF Jr;
Chynn KY; Baredes S: computed tomography of
the carotid space and related cervical spaces,
part II. neurogenic tumors, (Radiology), 150:
729, 1984

Silver AJ; Mawad ME; Hilal SK; Sane P; Ganti SR: computed tomography of the carotid space and related cervical spaces. part I: anatomy, (Radiology), **150**: 723, 1984

(Radiology), 150: 723, 1984

Silver AJ; Sane P; Hilal SK: CT of the
nasopharyngeal region: normal and pathologic
anatomy, (Radiol Clin North Am), 22: 161, 1984

Silver ABJ; O'Neill P; Jenkins TC; et al: phosphategroup of DNA as a potential target for RSU1069, a nitroimidazole-aziridine radiosensitizer,
(Int J Radiat Oncol Biol Phys), 12: 1203, 1986

Silver B; Demos TC; swmptomatic invested Machalic

Silver B; Demos TC: symptomatic inverted Meckel's diverticulum. a case report, (Radiology), 153: 268, 1984

268, 1984
Silver C See Komisar A
Silver TM See Adler DD
Silver TM See Aisen AM
Silver TM See Baker DE
Silver TM See Baker DE
Silver TM See Bowerman RA
Silver TM See Gebarski SS
Silver TM See Gross BH
Silver TM See Jafri SZH
Silver TM See Jafri SZH
Silver TM See McCracken S
Silver TM See McCracken S
Silver TM See McCracken S
Silver TM See Pennes DR
Silver TM See Pennes DR
Silver TM See CD See Enzmann I

Silver TM See Pennes DR
Silverberg GD See Enzmann DR
Silverman B See Rubinstein A
Silverman ED See Drane WE
Silverman FN: lesions of the femoral neck in LeggPerthes disease, (AJR), 144: 1249, 1985
Silverman FN; Reiley MA: spondylomegaepiphyseal-metaphyseal dysplasia: new
bone dysplasia resembling cleidocranial
dysplasia, (Radiology), 156: 365, 1985
Silverman JA; Krongrad E: anorexia nervosa: a
cause of pericardial effusion?, (Radiology), 150:
858, 1984

858, 1984
Silverman JF See Chiles C
Silverman JF See Johnsrude IS
Silverman JF See Lannin DR
Silverman ML See Styles RA
Silverman NH See Didier D
Silverman PM See Baker ME
Silverman PM See Cohan RH

Silverman PM See Cohan RH
Silverman PM See Cooper C
Silverman PM See Degesys GE
Silverman PM See Enterline DS
Silverman PM See Enterline DS
Silverman PM See River R
Silverman PM See Reptopoulos V
Silverman PM See Rauch RF
Silverman PM See Rosen A
Silverman PM See Solver A
Silverman PM See Total Silverman PM See Solver A
Silverman PM See Total Silverman PM See Solver A
Silver BPM See Solver A
Silver BPM See Solver A
Silver BPM See Solver BPM See Solver

Silverman PM: medullary space involvement in

709, 1986
Silverman PM: medullary space involvement in laryngeal carcinoma: computed tomographic demonstration, (Radiology), 159: 823, 1986
Silverman PM: Baker ME; Cooper C; et al: CT appearance of diffuse mesenteric edema, (JCAT), 10: 67, 1986
Silverman PM: Baker ME; Mahony BS: atelectasis and subpulmonic fluid: CT pitfall in distinguishing pleural from peritoneal fluid, (JCAT), 97: 63, 1985
Silverman PM: Bossen EH; Fisher SR; Cole TB; Korobkin M; Halvorsen RA: carcinoma of the larynx and hypopharynx: computed tomographic-histopathologic correlations, (Radiology), 151: 697, 1984
Silverman PM; Degesys GE; Ferguson BJ; et al: papillary carcinoma in a thyroglossal duct cyst: CT findings, (JCAT), 9: 806, 1985
Silverman PM; Kelvin FM; Korobkin M; et al: computed tomography of the normal mesentery (AJR), 143: 953, 1984
Silverman PM; Kelvin A; Ek Korobkin M; et al: computed tomography in the evaluation of thyroid disease, (AJR), 142: 897, 1984
Silverman PM; Rosen A; Korobkin M; et al: computed tomography in the evaluation of thyroid disease, (AJR), 142: 897, 1984

Silverman PM; Kosen A; Korobkin M; et al: composite image: a photographic error in computed tomography with a multiformat camera, (AJR), 142: 961, 1984 Silverman PM; Spicer LD; McKinney R Jr; et al: computed tomographic evaluation of surgical clip artifact: tissue phantom and experimental animal assessment, (Comput Radiol), 10: 37,

Silverman RH See Coleman DJ Silverman RH; Coleman DJ; Lizzi FL; et al: Silverman RH; Coleman DJ; Lizzi FL; et al:
ultrasonic tissue characterization and
histopathology in tumor xenografts following
ultrasonically induced hyperthermia,
(Ultrasound Med Biol), 12: 639, 1986
Silverman SG: clinician's guide to diagnostic
imaging, (Radiology), 152: 278, 1984
Silverstein AM See Lovelock JE
Silverstein AM See Lovelock JE
Silverstein NP: coronary angioplasty: comparison of
direct measurement and subjective assessement
of angiographic narrowing, (Clin Radiol), 37:
27, 1986
Silvestre ME: Medina E: Andrea M: et al: direct

Silvestre ME; Medina E; Andrea M; et al: direct multiplanar computed tomography in planning radiotherapy for malignant tumours of the nasopharynx, (Clin Radiol), 37: 15, 1986

Sim FH See Frassica FI Sim FH See Zimmer WD Simeone FA See Dolinskas CA Simeone JF See Butch RJ Simeone JF See Cronan II Simeone JF See Dawson SL Simeone JF See Edelman RR Simeone JF See Edelman RR Simeone JF See Kuligowska E Simeone JF See Loflin TG Simeone JF See Mueller PR Simeone JF See Neff CC Simeone JF See vanSonn Simeone JF See White EM Simeone JF See Widder DJ

Simeone JF See Widder DJ Simeone JF, Butch RJ, Mueller PR; vanSonnenberg E; Ferrucci JT Jr; Hall DA; Kopans DB; Dawson SL; Wittenberg J; McCarthy K: bile ducts after a fatty meal: further sonographic observations, (Radiology), 154: 763, 1935 Simeone JF; Edelman RR; Stark DD; Wittenberg J; White EM; Butch RJ; Mueller PR; Brady TJ; Ferrucci JT Jr: surface coil MR imaging of abdominal viscera. III. the pancreas, (Radiology), 157: 437, 1985 Simeone JF; Novelline RA; Ferrucci JT Jr; et al:

comparison of sonography and plain films in evaluation of the acute abdomen, (AJR), **144: 49**, 1985

Simerman LP; Nino-Murcia G; Nino-Murcia M; et al: Montgomery tracheal cannula: radiological assessment, (Radiology), 158: 857, 1986

1986
Simi M; Levenstein S; Giri S; et al: exaggerated response of thyrotropin to thyrotropin-releasing hormone in patients resected for Crohn's ileitis, (Radiology), 156: 562. 1985
Simjee AC; Patel A; Gathiram V; et al: serial ultrasound in amoebic liver abscess, (Radiology), 156: 569, 1985
Simmons BP See Resnik CS
Simmons BP See Resnik CS
Simmons GR See Smith DC
Simmons GR; Kereiakes JG; Pickens DR;
Erickson JJ: computer hardware and software fundamentals, (Radiographics), 5: 11, 1985
Simmons JT See Pastakia B
Simmons JT; Pastakia B; Chase TN; et al: magnetic

Simmons JT; Pastakia B; Chase TN; et al: magnetic resonance imaging in Huntington disease, (AJNR), 7: 25, 1986

Simmons K: use of a T tube as an endoprosthesis for internal biliary drainage, (Radiology), 154: 247, Simmons RL See Crass JR

Simmons SP See Peerry MM Simms SM See Bernstein MA Simms SM See Feczko PJ

Simms 5M See FecZko F J Simms 5M: differential diagnosis of the bowler hat sign, (AJR), 144: 585, 1985 Simon C See Cohen LB Simon DC See Beltran J

Simon DC, See Beltran J: direct Simon DC; Hess ML; Smilak MS; Beltran J: direct sagittal CT of the temporomandibular joint, (Radiology), 157: 545, 1985 Simon GL See Tuazon CU

Simon HE See Geard CR Simon HE See Maudsley AA

Simon HE See Maudsley AA
 Simon HE See Perman WH
 Simon J: cervico-occipital joint (RX, CT), (Radiology), 161: 118, 1986
 Simon J: correlative neuroanatomy of computed tomography and magnetic resonance imaging, (Radiology), 156: 428, 1985
 Simon J: Danet B: Esquerre JP; et al: utility of caudal view in pelvic bone imaging, (Clin Nucl Med), 11: 614, 1986

Simon JH See Holtas SL Simon IH See Steiner E

Simon JH See Steiner E

Simon JH: see Steiner E

Simon JH: imaging anatomy of the head and spine: a photographic color atlas of MRI, CT, gross, and microscopic anatomy in axial, coronal, and sagittal planes, (Radiology), 157: 684, 1985

Simon JH; Holtas SL; Schiffer RB; Rudick RA; Herndon RM; Kido DK; Utz R: corpus callosum and subcallosal-periventricular lesions in multiple sclerosis: detection with MR, (Radiology), 160: 363, 1986

Simon JS See Lanir A

Simon M See Edelma RR

Simon NV See Ashton SS

Simon NV; Hansberry PA; Shearer DM; et al: minicomputer-based system for obstetric ultrasound analysis, with multi-user and networking capability, (J Ultrasound Med), 4: 545, 1985

Simon NV; Levisky JS; Siegel JC; et al: evaluation of the dating of gestation via the growth adjusted sonographic age method, (Radiology), 154: 569, 1985

Simon TR; Dowdey JE; Lipscomb KM; Smitherman TC: correlation of scintigraphy and angiography for ventricular volume determinations using realistic cardiac phantom unimportance of self-attenuation, (Radiology), 134: 232, 1985

Simon TR; Middleton RA; Barr P; et al: dynamic process captured on a single image: approach to screening for abnormal superior vena caval flow, (J Nucl Med), 27: 838, 1986

Simonetti G See Rossi P Simons AJ See Kouwenberg JJ Simons GW See Starshak RJ Simons KB See Grimson BS Simons M See Comhaire F

Simons MA; Kruger RA; Power RLB: cross-sectional area measurements by digital subtraction videodensitometry, (Invest Radiol), 21: 637, 1986

Simons ME; Cooperberg PL; Graham MF: ultrasound findings in ectopic gestation, (J Canad Assoc Radiol), 37: 9, 1986

Simonsen E: treatment of recurrent squamous cell carcinoma of the vulva, (Radiology), 156: 572, 1985

1985 Simonsen S See Smith H-J Simonsz HJ; Harting F; de Waal BJ; et al: sideway displacement and curved path of recti eye muscles, (Radiology), 157: 859, 1985

muscles, (Radiology), 157: 859, 1985
Simor AE See Salit IE
Simor IS See Salit IE
Simor IS See Baines CJ
Simpfendorfer C See Bellamy GR
Simpson A; Sandeman D; Nixon SJ; et al: value of
an erect abdominal radiograph in the diagnosis
of intestinal obstruction, (Radiology), 156: 561,

1985
Simpson CJ See Thomson GJL
Simpson EL; Coleman BG; Sondheimer SJ; et al: in
vitro fertilization and embryo transfer
complicated by simultaneous ectopic and
intrauterine twin gestation, (J Ultrasound Med), 5: 49, 1986

5: 49, 1986

Simpson EL; Dalinka MK: association of hypertrophic osteoarthropathy with gastrointestinal polyposis, (AJR), 144; 983, 1985

Simpson GT II; Strong MS; Skinner M; et al: localized amyloidosis of the head and neck and upper aerodigestive and lower respiratory tracts, (Radiology), 155: 282, 1985

Simpson JI, See Gianopoulos J

Simpson JR; Thawley SE; Matsuba HM: adenoid cystic salivary gland carcinoma: treatment with irradiation and surgery, (Radiology), 151: 509, 1984

1984
Simpson WJK See Garrett PG
Sims ME; Halterman G; Jasani N; et al: indications for routine cranial ultrasound scanning in the nursery, (JCU), 14: 443, 1986
Sims RE; See Helms CA
Sims RE; Genant HK: magnetic resonance imaging of joint disease, (Radiol Clin North Am), 24: 179, 1986

Sinaci S See Masoero G Sinaiko A See Lund G Sinaiko AR See Gomes AS

Sinak LJ; Hoffman EA; Julsrud PR; et al: dynamic spatial reconstructor: investigating congenital heart disease in four dimensions, (Radiology), 155: 276, 1985

Sinak LJ: Hoffman EA; Ritman EL: subtraction gated computed tomography with the dynamic spatial reconstructor: simultaneous evaluation of left and right heart from single right-sided bolus contrast medium injection, (Radiology), 153: 278, 1984

Sinak LJ; Hoffman EA; Schwartz RS; et al: three-dimensional cardiac anatomy and function in heart disease in adults: initial results with the

dynamic spatial reconstructor, (Radiology), 157: 574, 1985

Singbartl G See Schregel W

Singcharoen T; Partridge J; Jeans WD; et al: arteriohepatic dysplasia, (Br J Radiol), 59: 509,

Singer AM; Naimark A; Felson D; et al: comparison of overhead and cross-table lateral views for detection of knee-joint effusion, (AJR), 144: 973, 1985

Singer D See Kalff V

Singer D See Kalff V
Singer D See Keyes JW Jr
Singer I, Royal HD; Uren RF; Waugh RC;
McLaughlin AF; Bautovich GJ; Dyer IA;
Fulton RR; Morris JG: radionuclide
plethysmography and Tc-99m red blood cell
venography in venous thrombosis: comparison
with contrast venography, (Radiology), 150: 213,
1984

Singer JR: nuclear magnetic resonance blood flow measurements, (Cardiovasc Intervent Radiol), 8: 251, 1986

251, 1986
Singer JR, Crooks LE: nuclear magnetic resonance blood flow measurements in the human brain, (Radiology, 151: 270, 1984
Singh A; Holmes RA; Witten DM: scintigraphic demonstration of a gallbladder anomaly, (AJR), 144: 77, 1985

Singh M; Doria D: electronically collimated gamma camera for single photon emission computed tomography. part 1: theoretical considerations and design criteria. part 2: image reconstruction and preliminary measurements, (Radiology), 151: 281, 1984

Singhi SC; Chookang E: maternal fluid overload during labour; transplacental hyponatraemia and risk of transient neonatal tachypnoea in term infants, (Radiology), 156: 860, 1985 Singleton EB See Keats TE

Singleton EB See Keats TE
Singleton EL See Mafee MF
Singson RD See Rosenberg ZS
Singson RD, Berdon WE, Feldman F; Denton JR;
Abramson S; Baker DH: "missing" femoral
condyle: unusual sequela to neonatal
osteomyelitis and septic arthritis, (Radiology),
161: 359, 1986

161: 359, 198c.
Singson RD; Feldman F; Rosenberg ZS: elbow joint: assessment with double-contrast CT arthrography, (Radiology), 160: 167, 1986
Siniluoto TMJ See Paivansalo MJ Sinn HJ See Georgi P Sinner WN: fine needle biopsy of solitary pulmonary metastases, (Radiology), 154: 553, 1985

1985
Sinner WN: importance and value of a preoperative diagnosis in oat cell carcinoma by radiography and its verification by fine needle biopsy (FNB), (Radiology), 158: 565, 1986
Sinning L See Harcke HT
Sipos L See Divon MY

Siponen JT; Kaste M; Ketonen L; et al: serial nuclear magnetic resonance (NMR) imaging in patients with cerebral infarction, (Radiology), 151: 829, 1984

151: 829, 1984
Sipponen JT; Sepponen RE; Sivula AS: chronic subdural hematoma demonstration by magnetic resonance, (Radiology), 150: 79, 1984
Sipponen JT; Sepponen RE; Sivula AS: nuclear magnetic resonance (NMR) imaging of intracerebral hemorrhage in the acute and resolving phases, (Radiology), 152: 560, 1984
Sipponen JT; Sepponen RE; Tantu JI; et al: intracranial hematomas studied by MR imaging at 0.17 and 0.02 T. (JCAT), 9: 698, 1985
Siram SM See Iko BO
Sirgus W See McDonald CE

Siram SM See Iko BU Sircus W See McDonald CF Sirinek KR See Levine BA Sirinek KR See Pederson WC Sirivella 5; Ford WB; Zikria EA; et al: foregut cysts

of the mediastinum: results in 20 consecutive surgically treated cases, (Radiology), **160**: 283, 1986

Sirota L; Hertz M; Laufer J; et al: familial vesicoureteral reflux: study of 16 families, (Urol Radiol), 8: 22, 1986

Sirotta PS See Vea HW Sirr SA; Elliott GR; Regelmann WE; et al: aerosol penetration ratio: new index of ventilation, (J Nucl Med), 27: 1343, 1986

STACE MEEU, 247 1343, 1990 SIT SA; Miltz-Miller S; Notman DNH; Boyle MJ; Boudreau RJ; Loken MK: airflow measuremen inaccuracies in aerosol imaging, (Radiology), 159: 268, 1986

Sischy B See Bramlet R Siskind BN See Allen KS Siskind BN See Radin DR

Siskind BN: Burrell MI: intraluminal meniscoid ulcer in the colon: unusual sign of malignancy, (Gastrointest Radiol), 11: 251, 1986 Siskind BN; Burrell MI; Klein ML; et al: toxic dilatation in Crohn disease with CT correlation (JCAT), 9: 193, 1985

Siskind BN; Burrell MI; Richter JO; et al: CT appearance of giant sigmoid diverticulum, (JCAT), 10: 543, 1986

Sisson JC See Lynn MD Sisson JC See McEwan AJ

son JC; Shapiro B; Beierwaltes WH; et al: radiopharmaceutical treatment of malignant pheochromocytoma, (Radiology), 153: 861, 1984

Sissons HA See Norman A
Sistrom CL; Keats TE; Johnson CM III: anatomic
basis of the pseudotumor of the nasal cavity,
(AJR), 147: 782, 1986

Sitron AP See Baker SR Sivak ED See O'Donovan PB Sivananthan K See Manishen WJ Sivit CJ See Kirchner SG

Sivit CJ, Sivit CJ, See Kirchner SG Sivit CJ, Hill MC; Larsen JW; et al: sonographic evaluation of fetal anomalies in oligohydramnios between 16 and 30 weeks gestation, (AJR), 146: 1277, 1986 Sivraprasad R; Payne CB Jr: nonpulmonary causes of dyspnea, (Radiol Clin North Am), 22: 463.

1984
Sivula A See Sepponen RE
Sivula AS See Sipponen JT
Sjoberg S; Lorinc P: intracranial supernumerary tooth. case report, (Radiology), 156: 280, 1985
Sjovall K; Silfversward C; Einhorn N: ovarian cancer: challenge of local tumor control and its impact on survival, (Int J Radiat Oncol Biol Phys), 12: 567, 1986
Skaane P; Isachsen MM; Hoiseth A: computed tomography of mucin-producing.

ane r; isactisen MM; riosett A: computed tomography of mucin-producing adenocarcinoma of the appendix presenting as a bladder tumor, (JCAT), 9: 566, 1985 Skale B See Mayock R

Skalina S; Kundel HL; Wolf G; et al: effect of pulmonary edema on proton nuclear magnet resonance relaxation times, (Radiology), **152**: 261, 1984

Skalpe IO See Stormorken H

Skarsgard LD; Harrison I; Durand RE; et al: radiosensitization of hypoxic cells at low dos (Int J Radiat Oncol Biol Phys), 12: 1075, 1986

(int ) Radiat Oncol Biol Phys), 12: 1079, 1986 Skarzynski JJ; See Slavin JD Jr; Spencer RP; et al: "matching" ventilation/perfusion images in fat embolization, (Clin Nucl Med), 11: 40, 1986

"matching" ventilation/perfusion images in fat embolization, (Clin Nucl Med), 11: 40, 1986
Skeehan T See Raffensperger JG
Skeffington FS; Pearse RG: "bright brain", (Radiology), 151: 821, 1984
Skibber JM See Weiss SM
Skinner DG See Ralls PW
Skinner DG; Lieskovsky G: contemporary cystectomy with pelvic node dissection compared to preoperative radiation therapy plus cystectomy in management of invasive bladder cancer, (Radiology), 154: 573, 1985
Skinner M See Simpson GT II
Skinner M See Simpson GT II
Skinner SR See Brody AS
Skioldebrand CG See Schiller NB
Skoblar RS See Gordon IJ
Skog S: Nordell B; Ericsson A, et al: changes in energy metabolism following roentgen irradiation of in vivo growing Ehrlich ascites tumour cells studied by <sup>31</sup>P magnetic resonance spectroscopy. (Acta Radiol [Oncol]), 25: 63, 1986
Skolnick ML See Cover KL
Skolnik EM See Mantavadi RVP
Skolyszewski J; Reinfuss M; Kowalaska T: results of radiation of the lavyur.

Skolnik EM See Mantravadi RVP
Skolyszewski J; Reinfuss M; Kowalaska T: results of radiation therapy in carcinoma of the larynx, (Radiology), 157: 864, 1985
Skolyszewski J; Weiss M: small-volume high-dose radiation therapy in carcinoma of the urinary bladder, (Radiology), 154: 286, 1985
Skorton DJ; See Pandian NG
Skorton DJ; Collins SM; Nichols J; et al: quantitative texture analysis of two-dimensional echocardiography: application to the diagnosis of experimental myocardial contusion, (Radiology), 151: 831, 1984
Skov KA See Chan PKL
Skrifvars BV See Leskinen RH

Skrifvars BV See Leskinen RH

Skubic SE; Fatouros PP: absorbed breast dose: dependence on radiographic modality and technique, and breast thickness, (Radiology), 161: 263, 1986

Skucas J: bockus gastroenterology. 7 vols, 4th ed., (Radiology), 159: 88, 1986 Skucas J: ischaemic colitis, (Radiology), 155: 634, 1955

1935
Skucra J: radiology in inflammatory bowel disease, (Radiology), 153: 336, 1984
Skucra T See Wolf K-J
Skwarok DJ; Goiney RC; Cooperberg PL: hepatic pseudotumors in patients with ascites, (J
Ultrasound Med), 5: 5, 1986
Slabaugh RD See Cohen MD

Slabaugh RD See Cohen MD
Slabaugh RD; See Cohen MD
Slabaugh RD; Smith JA; Lemons J; et al: neonatal
intracranial hemorrhage and complicating
hydrocephalus, (Radiology), 154: 852, 1985
Slack RWT; Phelps PD: familial mixed deafness
with branchial arch defects (earpits-deafness
syndrome, (Radiology), 160: 286, 1986
Slaker DP See Edelsein G

Slama TG See Wheat LJ Slamovits TL See Dresner SC Slamovits TL See Rothfus WE

Slamovits TL See Weinstein GS Slasky BS See Cover KL Slasky BS See Obley DL

Slasky BS See Segel MC
Slasky BS; Deutsch M: germ cell tumors
complicated by pneumothorax, (Radiology), 150:
853, 1984
Slater G See Yeh H-C

Slavin G See Williams I

Slavin JD Jr See Milliams I Slavin JD Jr See Skarzynski JJ Slavin JD Jr See Vento JA Slavin JD Jr; Mathews J; Spencer RP: bone imaging in the diagnosis of fractures of the femur and pelvis in the sixth to tenth decades, (Clin Nucl Med), 11: 328, 1986

Slavin JD Jr; Mathews J; Spencer RP: splenectomy for splenic metastasis from carcinoma of colon, (Clin Nucl Med), 11: 491, 1986

Stavin JD Jr; Skarzynski JJ; Spencer RP: renocutaneous inflammatory tract shown during technetium-99m DTPA imaging, (Clin Nucl Med), 11: 55, 1986

Slavin JD Jr; Vento JA; Spencer RP: false-positive spleen imaging: splenic cleft and accessory spleen, (Clin Nucl Med), 11: 509, 1986

Slavin ML; Budabin M: pituitary apoplexy associated with cardiac surgery, (Radiology), 156: 277, 1985

Slavin RE See Bhagavan BS

Slawson RG See Aygun C Slawson RG See Salazar OM Sleder PR See Kaplan PA Sleder PR See Lieberman RP Slegers G See De Spiegeleer B Slemmer TM See Spies IB Sloan FA See James AE Jr

Slone RM; Buck LL; Fitzsimmons JR: varying gradient angles and offsets to optimize imaging planes in MR, (Radiology), 158: 531, 1986

Slonim L See Beynon J

Slotnick N; Filly RA; Callen PW; et al: sonography as a procedure complementary to  $\alpha$ -fetoprotein testing for neural tube defects, (Radiology), 150: 869, 1984

Slovis TL See Babcock DS Slovis TL See Grant EG

Slovis TL See Steinhardt GF

Slovis TL: iatrogenic disorders of the fetus, infant, and child. vol. 2, (Radiology), 159: 768, 1986

Slovis T.; Babcock DS; Hricak H; Han BK; Rose G; McEnery P; Muz H; Chang C-H; Fleischman LE; Corbett DP: renal transplant rejection: sonographic evaluation in children, (Radiology), 153: 659, 1984

Slovis TL; Poland RL: endotracheal tubes in neonates: sonographic positioning, (Radiology), 160: 262, 1986

160: 262, 1986
Slovis TL, Renfro B, Watts FB; Kuhns LR;
Belenky W; Spoylar J: choanal atresia: precise
CT evaluation, (Radiology), 155: 345, 1985
Slovis TL; Shankaran S: ultrasound in the
evaluation of hypoxic-ischemic injury and
intracranial hemorrhage in neonates: the state
of the art, (Radiology), 153: 273, 1984

Slovis TL; Shankaran S; Bedard MP; Poland RL: intracranial hemorrhage in the hypoxic-ischemic infant: ultrasound demonstration of isual complications, (Radiology), 151: 163,

Sluis-Cremer GK; Thomas RG; Wright VMF: I-131 macro-aggregated albumin perfusion scanning and chest radiography in asbestos exposure, (Radiology), 155: 862, 1985

Slusher SL See Levine E Slutsky RA See Brown II Slutsky RA See Hackney D Slutsky RA See Mattrey RF Slutsky RA See Norris SL

Slutsky RA See Strich G Slutsky RA: relationship of radionuclide indexes of cardiac function during interventions: volume loading, afterload stress, exercise, and pacing, (Radiology), 150: 302, 1984

\*Slutsky RA; Brown JJ: chest radiographs in congestive heart failure: response to therapy in acute and chronic heart disease, (Radiology), 154: 577, 1985

\*Slutsky RA, Brown JJ; Strich G: extravascular lung water: effects of using ionic contrast media at varying levels of left atrial pressure and during myocardial ischemia, (Radiology), 152: 575, 1984

Slutsky RA; Mancini GBJ; Norris S; et al: digital intravenous ventriculography: comparison of volumes from mask-mode and nonsubstracted images with thermodilution and sonocardiometric measurements, (Radiology), 151: 258, 1984

Slutsky RA; Mattrey RF; Long SA; et al: in vivo estimation of myocardial infarct size and left ventricular function by prospectively gated computerized transmission tomography, (Radiology), 150: 614, 1984

(Radiology), 150: 614, 1984

\*Slutsky RA; Olson LK; Costello D; Brown JJ:
extravascular lung water in patients with
mitral stenosis: relationship to pulmonary
capillary wedge pressure and Kerley B lines,
(Radiology), 153: 317, 1984

Slutsky RA; Peterson T; Strich G; Brown JJ:
hemodynamic effects of rapid and slow
infusions of manganese chloride and
gadolinium-DTPA in dogs, (Radiology), 154:
733, 1985

Slutsky RA; Shabetai R; LeWinter M; et al: pulmonary blood volume: analysis during exercise in patients with left ventricular dysfunction, (Radiology), 153: 281, 1984

\*Slutsky RA; Strich G: extravascular lung water: effects of intravenous ionic and non-ionic (iopamidol) contrast media during ischemia, (Radiology), 155: 11, 1985

Slutsky RA, Watkins J; Engler R: systolic arterial pressure/end-systolic volume relationship in patients with severe left ventricular dysfunction, (Radiology), 155: 286, 1985 Slutsky VS See de Lange EE

Smales E; Perry CM; MacDonald JS; et al: value of lymphography in the management of carcinoma of the cervix, (Clin Radiol), 37: 19, 1986

Small P See Chrispin A

Small WC See McSweeney MB Smallhorn PJ See Novelli VM Smaltino F See Rotondo A Smathers R See Quinn SF Smathers RL See Butler S Smathers RL See Heiken JP

Smathers RL See Heiken JP
Smathers RL See Seidenwurm D
Smathers RL See Sommer FG
Smathers RL, Bush E; Drace J; Stevens M;
Sommer FG; Brown BW Jr; Karras B:
mammographic microcalcifications: detection
with xerography, screen-film, and digitized film
display, (Radiology), 159: 673, 1986
Smathers RL; Lee JKT; Heiken JP: differentiation of
complicated cholecystitis from gallbladder
carcinoma by computed tomography, (AJR), 143:
255, 1984

255, 1984

Smazal SF Jr; Weisman LE; Hopper KD; et al: comparative analysis of ultrasonographic methods of gestational age assessment, (Radiology), 151: 560, 1984

Smellzer JS See Mercer LJ

Smellzer JS See Mercer LJ

Smevik B; Kolmannskog F: computed tomography and angiography in hepatocellular carcinoma, (Radiology), 150: 614, 1984

Smevik B; Kolmannskog F; Aakhus T: computed tomography and angiography in carcinoid liver metastases, (Radiology), 152: 262, 1984

Smilak MS See Simon DC

Smilniotopoulos JG See Masucci EF

metastases, (Katology), 152: 262, 1984
Smilak MS See Simon DC
Smirniotopoulos JG See Masucci EF
Smirniotopoulos JG; Murphy FM; Schellinger
D; et al: cortical blindness after metrizamide
myelography, (Radiology), 153: 569, 1984
Smith A See Leeson MC
Smith AD See Badlani G
Smith AD See Khasidy LR
Smith AD See Khasidy LR
Smith AD See White EC
Smith AD: See White EC
Smith AD: percutaneous ureteral surgery and
stenting, (Radiology), 154: 273, 1985
Smith AS; Weinstein MA; Modic MT; et al:
magnetic resonance with marked T2-weighted
images: improved demonstration of brain
lesions, tumor, and edema, (AJNR), 6: 691, 1985
Smith BH See Garn SM Smith BH See Garn SM

Smith BJ See DeWet II

Smith BY See Effmann EL
Smith RC See Effmann EL
Smith C; Gardiner R; Kubicka RA; Dieschbourg JJ:
gastric restrictive surgery for obesity: early
radiologic evaluation, (Radiology), 153: 321,

Smith C; Gardiner R; Kubicka RA; Dieschbourg JJ:

radiology of gastric restrictive surgery, (Radiographics), 5: 193, 1985
Smith CD See Lorenzo RL
Smith CL See Dewbury KC
Smith CL See Holdstock G
Smith CR See Cohen EK Smith CW See Mazer M

Smith CR See Cohen EK
Smith CR See Mazer M
Smith DAS See Hosie CJ
Smith DC; Simmons CR: quick aortic turn: rapid
method for reformation of the Simmons
sidewinder catheter, (Radiology), 155: 247, 1985
Smith DC; Simmons CR: quick aortic turn: reply,
(Radiology), 157: 264, 1985
Smith DC; Smith LL; Hasso AN: fibromuscular
dysplasia of the internal carotid artery treated
by operative transluminal balloon angioplasty,
(Radiology), 155: 645, 1985
Smith DF See Foley WD
Smith DF See Foley WD
Smith DF See Foley MD
Smith DF See Thorsen MK
Smith DF; Rowberg AA: data-base management
system on a CT scanner computer: application to
teaching file and procedure records, (AJR), 142:
1219, 1984
Smith DS See Guyer B
Smith DW See Cohen RS
Smith DW See Cohen RS
Smith E Nias AHW: artefactual results with CHIP
Smith E Nias AHW: artefactual results with CHIP

Smith E See Picus D
Smith E; Nias AHW: artefactual results with CHIP
perhydrate. (Br J Radiol), 59: 189, 1986
Smith EH See Raptopoulos V
Smith EH: hazards of fine-needle aspiration biopsy.
(Radiology), 157: 574, 1985
Smith EH: ultrasound imaging: liver, spleen,
pancreas, (Radiology), 153: 502, 1984
Smith FW See Mance VM

Smith FW See Runge VM Smith FW See Sharp PF

Smith FW: magnetic resonance tomography of the pelvis, (Cardiovasc Intervent Radiol), 8: 367, 1986

Smith FW: value of NMR imaging in pediatric practice. a preliminary report, (Radiology), 151: 261, 1984

Smith GF; Ellyson JH; Parks SN; et al: angiodysplasia of the colon. a review of 17 cases, (Radiology), 154: 271, 1985 nith GR See Nov AA

Smith HJ: radiographic response to cimetidine in patients with basal gastric acid hypersecretion, (AJR). 142: 115, 1984
Smith H-J; Grottum P; Simonsen S: ultrasonic assessment of abdominal venous return: Il. volume blood flow in the inferior vena cava and portal vein, (Acta Radiol [Diagn]), 27: 23, 1986

Smith HJ; Lee EL: umbilicated adenomas in familial polyposis coli: radiologic and histologic correlation (case report), (AJR), 147: 61, 1986 Smith ICP See Butler KW

Smith J See Rossleigh MA

Smith J: bone scintigraphy, (Radiology), 154: 518,

Smith J; Botet JF; Yeh SDJ: bone sarcomas in Paget disease: a study of 85 patients, (Radiology), 152: 583, 1984

Smith IA See Andreoli SF Smith JA See Belt TG Smith JA See Cohen MD

Smith JA See Cohen MD
Smith JA See Slabaugh RD
Smith JA See Slabaugh RD
Smith JA Jr; Haynes T; Middleton RG: impact of
external irradiation of local symptoms and
survival free of disease in patients with pelvic
lymph node metastasis from adenocarcinoma of
the prostate, (Radiology), 153: 862, 1984
Smith JAM See Graor RA

Smith IAM See Risius B

Smith JC, Janower ML, Geiger AH: use of glucagon and gas-forming agents in acute esophageal food impaction, (Radiology), 159: 567, 1986 Smith JP See Shore RM

Smith KD See Marshall V Smith LL See Smith DC Smith LS See Bottomley PA Smith MA See Kean DM Smith MA See MacDonald HL

Smith MA See Ridgway JP Smith MCF See Smith RJH

Smith MR; Nichols ST; Henkelman RM; et al: application of autoregressive modelling in application of autoregressive modelling in magnetic resonance imaging to remove noise and truncation artifacts, (Magn Res Imag), 4: 257, 1986

Smith PG See Glasscock ME III Smith PM See Rose JD Smith R See Bigelow R Smith R See Copely DJ Smith R See Levy HM Smith R See Postma MP Smith R See White NJ

Smith R: liver-spleen scintigraphy in patients with acquired immunodeficiency syndrome, (AJR), 145: 1201, 1985

Smith R: nuclear medicine annual 1985, (Radiology), 158: 40, 1986

158: 40, 1986

Smith R; Ellis K; Alderson PO: role of chest radiography in predicting the extent of airway disease in patients with suspected pulmonary embolism. (Radiology), 159: 391, 1986

Smith R; Rosen JM; Alderson PO: galibladder perforation: diagnostic utility of cholescintigraphy in suggested subacute or chronic cases. (Radiology), 158: 63, 1986

Smith R; Rosen JM; Gallo LN; Alderson PO: pericholescintigraphy. (Radiology), 156: 797, 1985

Smith RB See Kaufman JJ

Smith RF See Cruz C Smith RJH See Wright GL Smith RJH; Evans JNG: head and neck nifestations of histiocytosis X, (Radiology), 154: 561, 1985

Smith RJH; Smith MCF; Glossop LP; et al: tracheoesophageal compression, (Radiology), 153: 568, 1984

Smith RR; Savolaine ER: computed tomography evolution of multicystic encephalomalacia, (CT), 10: 249, 1986

Smith S See Reicher MA

Smith See Reicher MA
Smith SeW: unexpected anterior urethral
diverticula, (Clin Radiol), 37: 55, 1986
Smith SJ See Fagel WJ
Smith SJ, Sosniak MA; Megibow AJ; et al: CT
demonstration of rapid improvement of
retroperition

Smith SJ; Vogelzang RL; Donovan J; et al: intraoperative sonography of the panci (AJR), 144: 557, 1985

Smith SJ; Vogelzang RL; Marzano MI; Cerullo LJ; Gore RM; Neiman HL: brain edema: ultrasound examination, (Radiology), 155: 379, 1985

Smith SP See Shore RM

Smith SP; Wolpert SM: metrizamide-iophendylate layering technique for thoracolumbar myelography, (Radiology), 153: 821, 1984

Smith SW; Traney GE; von Ramm OT: phased array ultrasound imaging through planar tissue layers, (Ultrasound Med Biol), 12: 229, 1986

Smith T See Edmonds CJ Smith TH See Hayden CK Jr

Smith TP See Darcy MD Smith TP; Darcy MD; Hunter DW; Castaneda-Zuniga WR; Amplatz K: new retention catheter, (Radiology), 160: 559, 1986

<sup>\*</sup> The author has retracted this publication.

Smith TP; Darcy MD; Hunter DW; Castaneda-Zuniga WR; Amplatz K: new super-stiff guide wire. (Radiology). 161: 551, 1986 Smith TP; Derauf BJ; Darcy MD; Hunter DW; Castaneda-Zuniga WR; Amplatz K: movable core guide wire: evaluation of improved model, (Radiology), 159: 552, 1986 Smith TP; Hunter DW; Darcy MD; et al: thrombosed synthetic hemodialysis access fistulas: success of combined thrombectomy and angioplasty (technical note), (AJR), 147: 161, 1986

Smith TR; Khoury PT: aneurysm of the proximal thoracic aorta simulating neoplasm: role of CT and angiography, (AJR), 144: 909, 1985 Smith TW See Wagle WA

Smith VC; Gomez ER; Ratner IA: thoracic and abdominal enteric duplications, (Radiology), 154: 275, 1985

Smith W See Kimball D Smith WI Ir See Dastur KI Smith WL See Berbaum KS

Smith WL See Edwards MT Smith WL See Ellerbroek C

Smith WL See Franken EA Jr Smith WL See Jacoby CG Smith WL See Li Y-W Smith WL See Peterson CM

Smith WL See Reinarz S Smith WL See Renfrew DL Smith WL See Tarico V

Smith WL See I arroo V
Smith WL; Berbaum K; Franken EA Jr; et al:
comparison of lecture and case presentation formats for teaching radiology to residents, (Invest Radiol), 21: 285, 1986

(interest radiol), 21: 265, 1980 Smith WL; Frenberg A; Nowak A; Franken EA Jr: physiology of sucking in the normal term infant using real-time US, (Radiology), 156: 379, 1985 Smith Y See Grant EG

Smitherman TC See Simon TR Smoker W See Dolan K Smoker WRK See Berbaum KS Smoker WRK See Biller I Smoker WRK See Gentry LR Smoker WRK See Harnsberger HR Smoker WRK See Osborn AG

spatial perception testing in diagnostic radiology, (AJR), 143: 1105, 1984

oker WRK; Biller J; Moore SA; et al: intradural spinal teratoma: case report and review of the literature, (AINR), 7: 905, 1986

Smoker WRK; Corbert JJ; Gentry LR; et al: high-resolution computed tomography of the basiliar artery: 2 vertebrobasilar dolichoectasia: clinical-pathologic correlation and review. (AJNR), 7:

Smoker WRK; Gentry LR: computed tomography of the nasopharynx and related spaces, (Semin US CT MR), 7: 107, 1986

CT MR), 7: 107, 1986

Smoker WRK; Keyes WD; Dunn VD; Menezes AH:
MRI versus conventional radiologic
examinations in the evaluation of the
craniovertebral and cervicomedullary junction,
(Radiographics), 6: 953, 1986

Smoker WRK; Price MJ; Keyes WD; et al: high-resolution computed tomography of the basilar artery: 1. normal size and position, (AJNR), 7:

Smolin MF See Lightfoote JB Smuclovisky C See Sfakianakis GN Smyser GS See Johnson MH

Smyth JA See Van Aerde J Smet MP; Rodger A; Kerr GR: brain metastases from carcinoma of breast: review of 90 cases, (Radiology), 158: 860, 1986

Sniderman A See Lisbona R Sniderman KW See Morse SS

Sniderman KW See Rapoport S Sniderman KW See Saddekni S

Sniderman KW See Sos TA Sniderman KW; Bodner LJ; Saddekni S; Srur M; Sos TA: percutaneous embolectomy by transcatheter aspiration, (Radiology), 150: 357,

1984

Sniderman KW; Morse SS; Rapoport S; Ross GR:
hemobilia following transhepatic biliary
drainage: occlusion of an hepatoportal fistula by
balloon tamponade, (Radiology), 154: 827, 1985

Sniderman KW; Morse SS; Strauss EB: comparison
of intra-arterial digital subtraction angiography
and conventional filming in peripheral vascular
disease, (J Canad Assoc Radiol), 37: 76, 1986

Snodgrass PJ See O'Connor KW Snow B See Wu F Snow GB See Vuyk HD Snow J See Li Y-W

Snow JR See Cantelmo NL

Snow WT See Elliott RL Snowdon SL See Whitehouse GH

Snyder DM; Crawford ES: successful treatment of primary aorta-esophageal fistula resulting from aortic aneurysm, (Radiology), 150: 854, 1984

Snyder HM See Rosenberg HK Snyder HM III See Finkelstein MS Snyder HP See Arger PH

Snyder JR See Coady DJ

Snyder JR; Lustig-Gillman I; Milio L; et al: antenatal ultrasound diagnosis of an intracranial neoplasm (craniopharyngioma), (ICU), 14: 304, 1986

Snyder LL See Tirman RM Snyder M See Raptopoulos V Snyder PJ See Bilaniuk LT

Snyder RD: ventriculomegaly in childhood bacterial meningitis, (Radiology), 155: 550, 1985 Snyder TC; Sachdev HS: MR imaging of cerebral dural sinus thrombosis, (JCAT), 10: 889, 1986 Snyman PJNH See De Villiers PD

So SKS See Young AT Sobel BE See Hughes B

Sobel D See Brant-Zawadzki M
Sobel D; Norman D: CNS manifestations of hereditary hemorrhagic telangiectasia, (AJNR), 5: 569, 1984

Sobel DF See Kucharczyk W Sobel DF See Morrison G Sobel DF See Petras AF

Sobel DF; Barkovich AJ; Munderloh SH: metrizamide myelography and postmyelographic computed tomography: comparative adequacy in the cervical spine, (AJNR), 5: 385, 1984

Sobel DF; Kelly WM; Kjos BO; et al: MR imaging of orbital and ocular disease, (AJNR), 6: 259, 1985 Sobel DF; Mills C; Char DH; et al: NMR of the normal and pathologic eye and orbit, (AJNR), 5: 345, 1984

Sobel SM; Love RG; Stutman HR; et al: phaeohyphomycosis of the maxillethmoid sinus caused by drechslera spicifera: a new fungal pathogen, (Radiology), 155: 282, 1985 Sobin LH See Olmsted WW Sobocinski KA See Haughton VM

Sobol RE See Halpern See Hadgmon vides
Sobol SM; Rigual NR: anterolateral extrapharyngeal
approach for cervical osteophyte induced
dysphagia, (Radiology), 156: 280, 1985

Sochett Esee Burnstein MI
Soderlund V; Mortensson W; Nybonde T: fluidfilled structures simulating solid tumors at
ultrasonography—report on five cases, (Pediatr
Radiol), 16: 110, 1986

ergel KH See Loo FD Soffer J See Liu HY Sofferman RA See Polansky A

Sofferman RA: cavernous sinus thrombophlebitis secondary to sphenoid sinusitis, (Radiology), 151: 269, 1984

Sogaard H See Gadeberg CC Soh Y See Moriyasu F Sohnen H See Manco LG Soila K See Francis DA Soila K See Ros PR

Soila K; Nummi P; Ekfors T; et al: proton relaxation times in arterial wall and atheromatous lesions in man, (Invest Radiol), 21: 411, 1986

Soila KP See Post MJD Soila KP See Tobias IA

Soila KP; Viamonte M Jr; Starewicz PM: chemical shift misregistration effect in magnetic resonance imaging, (Radiology), 153: 819, 1984 Sokhandan M See Shirkhoda A

Sokjer H See Fransson SG Sokol RJ See Kazzi GM Solbiati L See Montali G

Solbiati L; De Pra L; Ierace T; et al: high-resolution sonography of the recurrent laryngeal nerve: anatomic and pathologic considerations, (AJR), 145: 989, 1985

Solbiati L; Giangrande A; De Pra L; Bellotti E; Cantu P; Ravetto C; percutaneous ethanol injection of parathyroid tumors under US guidance: treatment for secondary hyperparathyroidism, (Radiology), 155: 607, 1985

Solbiati L; Livraghi T; De Pra L; et al: fine-needle biopsy of hepatic hemangioma with sonographic guidance, (AJR), 144: 471, 1985 Solbiati L; Montali G; Croce F; et al: fine-needle aspiration biopsy of bowel lesions under ultrasound guidance: indications and results, (Gastrointest Radiol), 11: 172, 1986

(Gastrointest Radiol), 11: 172, 1986
Solbiati I, Volterrani I, Rizzatto G; Bazzocchi M;
Busilacchi P; Candiani F; Ferrari F;
Giuseppetti G; Maresca G; Mirk P;
Rubaltelli I, Zappasodi F: thyroid gland with
low uptake lesions: evaluation by ultrasound,
(Radiology), 155: 187, 1985
Solbiati L; Volterrani L; Rizzatto G; Bazzocchi M;
Busilacchi P; Candiani F; Ferrari F;
Giuseppetti G; Maresca G; Mirk P;
Rubaltelli L; Zappasodi F: thyroid gland with
low uptake lesions: evaluation by ultrasound:
reply, (Radiology), 158: 277, 1986

Solen G See Edgren MR Soler P See Pickoff AS

Solear of Se Burcharth F, Miskowiak J; et al: ultrasonically diagnosed simple cysts of the liver, (Radiology), 154: 283, 1985 Solin L; Danoff BF; Schwartz GF; et al: practical technique for the localization of the tumor

technique for the localization of the tumor volume in definitive irradiation of the breast, (Radiology), 157: 576, 1985

Solin LJ; Fowble B; Martz K; et al: results of reexcisional biopsy of the primary tumor in preparation for definitive irradiation of patients with early stage breast cancer, (Int J Radiat Oncol Biol Phys), 12: 721, 1986

Sollenberger LC See Levine MS

Sollinger HW See Bennett LN

Sollitor R. See Ampare F.

Sollitto R See Mebb WR
Sollitto R See Webb WR
Sollitto RA See Dooms GC Sollitto RA See Sickles EA Solodnik P See Hyman AD

Solodnik P See Hyman AD
Solodnik P See Lanzieri CF
Solodnik P See Som PM
Solomon A See Golomb J
Solomon A See Hertzanu Y
Solomon A See Reider-Grosswasser I
Solomon A, Michowitz M; Papo J; et al: computed
tomographic air enema technique to
demonstrate colonic neoplasms, (Gastrointest
Radiol), 11: 194, 1986
Solomon A: Rahamani R: Seliesohn U; et al:

Radiol), 11: 194, 1986
Solomon A, Rahamani R, Seligsohn U; et al:
multiple myeloma: early vertebral involvement
assessed by computerised tomography,
(Radiology), 154: 568, 1985
Solomon B See Mallikarjunaiah GS
Solomon H See Sommer FG

Solomon L See Schnitzler CM Solomon MA See Gilula LA Solomon MA See Pusey E Solomon MA See Stimac GK

Solomon MA; Gilula LA; Oloff LM; et al: CT scanning of the foot and ankle: 1. normal anatomy, (AJR), 146: 1192, 1986

omon M<sub>2</sub> Gilula LA; Oloff LM; et al: CT scanning of the foot and ankle: 2. clinical applications and review of the literature, (AJR), 146: 1204, 1986

Solomon MH See Lee F Solomon MH See Lee F Jr Solomon MH See Lee SB

Solomon MH See Lee SB
Solomon N See Rao S
Solomon SL See MacMahon H
Solonen KA See Telaranta T
Solit-Bohman LG See Lo WWM
Solit-Bohman LG, Magaram DL; Lo WWM;
Wade CT; Witten RM; Shimizu FH;
McMonigle EM; Rao AKR; gas-CT
cisternography for detection of small acoustic
nerve tumors, (Radiology), 150: 403, 1984

Som P See Oster ZH Som P See Yamamoto K

Som P See Yamamoto K
Som P, Oster ZH; Zamora PO; et al:
radioimmunoimaging of experimental thrombi
in dogs using technetium-99m-labeled
monoclonal antibody fragments reactive with
human platelets, (I Nucl Med), 27: 1315, 1986
Som PM See Lanzieri CF

Som PM See Mendelson DS Som PM See Norton KI Som PM See Reede DL Som PM See Sacher M

Som PM See Sacher M Som PM See Schaeffer BT Som PM; Biller HF; Lawson W; Sacher M; Lanzieri CF: parapharyngeal space masses: an updated protocol based upon 104 cases, (Radiology), 153: 149, 1984

tradiology), 153: 149, 1984
m PM; Lanzieri CF; Sacher M; Lawson W;
Biller HF: extracranial tumor vascularity:
determination by dynamic CT scanning, part I:
concepts and signature curves, (Radiology), 154:
401, 1985

401, 1985

Som PM; Lanzieri CF; Sacher M; Lawson W;
Biller HF: extracranial tumor vascularity:
determination by dynamic CT scanning: part II:
the unit approach, (Radiology), 154: 407, 1985

Som PM; Lawson W; Biller HF; Lanzieri CF:
ethmoid sinus disease: CT evaluation in 400
cases. part I. nonsurgical patients, (Radiology),
159: 591, 1986

159; 591, 1986
Som PM; Lawson W; Biller HF; Lanzieri CF; ethmoid sinus disease: CT evaluation in 400 cases. part II. postoperative findings, (Radiology), 159; 599, 1986
Som PM; Lawson W; Biller HF; Lanzieri CF; Sachdev VP; Rigamonti D: ethmoid sinus disease: CT evaluation in 400 cases. part III. craniofacial resection, (Radiology), 159; 605, 1986

m PM; Sachdev VP; Biller HF: sphenoid sinus pneumocele. report of a case, (Radiology), 152: 559, 1984

n PM; Sacher M; Lanzieri CF; et al: two benign CT presentations of thyroid-related papillary adenocarcinoma, (JCAT), 9: 162, 1985

Som PM; Sacher M; Lanzieri CF; Lawson W; Shugar JMA: hidden antral compartment, (Radiology), 152: 463, 1984

Som PM; Sacher M; Lanzieri CF; Solodnik P; Cohen BA; Reede DL; Bergeron RT; Biller HF: parenchymal cysts of the lower neck, (Radiology), 157: 399, 1985

Som PM; Scherl MP; Rao VM; et al: rare

Soun Fm; Scheri Mr; Kao VM; et al: rare presentations of ordinary lipomas of the head and neck: review, (AJNR), 7: 657, 1986

Som PM; Sherry RG; Gacek RR; et al: Radiologic-Pathologic Correlation Conference: SUNY Upstate Medical Center. left neck mass, (AJR), 145: 390 1985

Som PM; Shugar JMA; Sacher M; et al: internal jugular vein phlebectasia and duplication: CT features, (JCAT), 9: 390, 1985

Somaia S See Law MP Somer K See Kivisaari L

Somer K: Kivisaari L: Standertskiold-Nordenstam Somer K; Kivisaari L; Standertskjold-Nord C-G; et al: contrast-enhanced computed tomography of the gallbladder in acute pancreatitis, (Radiology), 152: 861, 1984 Somers S See Dobranowski J Somers S See Mollward SF

Somers S See Millward SF Somers S; Stevenson GW; Thompson G: comparison of endoscopy and barium swallow with marshmallow in dysphagia. (J Canad Assoc Radiol), 37: 73, 1986 Somers SS See Thompson GT Somes GW See Magill HL Sommer FG See Erwin BC

Sommer FG See Sartoris DJ Sommer FG See Smathers RL

Sommer FG; Gregory PB; Fellingham LL; et al: measurement of attenuation and scatterer spacing in human liver tissue: preliminary results, (J Ultrasound Med), 3: 557, 1984

Sommer FG, Hoppe RT, Fellingham LL; Carroll BA; Solomon H; Yousem S: spleen structure in Hodgkin disease: ultrasonic characterization: work in progress, (Radiology), 153: 219, 1984

Sommer FG; Smathers RL; Wheat RL; et al: digital processing of film radiographs, (AJR), 144: 191, 1985

Sommer FG; Solomon H; Carroll B: removal of air from liver specimens via vacuum, (JCU), 14: 277, 1986

Sommer FG; Sue JY: image processing to reduce ultrasonic speckle, (Radiology), 152: 868, 1984 Sommer G See Minar E

Sommerkamp H See Wenz W Sommerville DL See Wolfel DA Sonda LP See Lingeman JE Sondheimer SJ See Simpson EL

Sone S See Ikezoe J Sone T See Otsuka N Sones PJ See Berkman WA Sones PJ See Martin LG

Sones PJ: percutaneous drainage of abdominal abscesses, (AJR), 142: 35, 1984

Sones PJ Jr See Bernardino ME Sones PJ Jr See McCain AH Sones PJ Jr See Walker RM Sones RA See Barnes GT Sones RA See Tesic MM

Song CW; Rhee JG; Lee CKK; et al: capacitive heating of phantom and human tumors with an 8 MHz radiofrequency applicator (thermotron RF-8"), (Int ) Radiat Oncol Biol Phys), 12: 365, 1986

Song MY See Puech JL Sonies BC See Shawker TH Sonley MJ See Chan HSL

Sonnemaker RE See Long SE Sonnenberg A See Niederau C Sonnenblick EB; Buchness MR; Austin JHM: CT demonstration of steatocystoma multiplex, (JCAT), 10: 357, 1986

(JCAT), 10: 397, 1986
Sooy CD See Marcusen DC
Soper NJ; Rikkers LF; Miller FJ; gastrointestinal
hemorrhage associated with chronic mesenteric
venous occlusion, (Radiology), 158: 858, 1986
Soppitt D; Rich AJ; Robson RA: digital vascular

imaging of neck veins for the insertion of chronic venous access catheters, (Clin Radiol), 37: 147, 1986

Sordill WC See Manco LG Soreide O See Adam A Sorensen M See Baunsgaard P Sorensen R See Berger T

Sorensen R See Hamm B Sorensen R; Moltz L; Schwartz U: technical difficulties of selective venous blood sampling in the differential diagnosis of female hyperandrogenism, (Cardiovasc Intervent Radiol), 9: 75, 1986

Sorenson JA: perception of radiation hazards (Semin Nucl Med), 16: 158, 1986

Sorenson PB See Groth S Sorenson SG See Gould KL Sorenson SG See Starling MR Sorkin RP See Bates ER Sorokin Y See Abramovici H

Sortland O; Nestvold K; Kloster R; Aandahl MH: comparison of iohexol with metrizamide i myelography, (Radiology), 151: 121, 1984 Sos TA See Rozenblit G

Sos TA See Saddekni S Sos TA See Sniderman KW

Sos TA See Srur MF Sos TA See Tegtmeyer CJ

Sos TA; Cohn DJ; Srur M; Wengrover SI; Saddekni S: new open-ended guidewire/catheter, (Radiology), 154: 817, 1985

Sos TA; Pickering TG; Sniderman KW; et al: percutaneous transluminal renal angioplasty in renovascular hypertension due to atheroma or fibromuscular dysplasia, (Radiology), 151: 547,

Sosman IL See Braunstein EM Sostman HD See Caride VJ

Sostman HD See Gore IC ostman HD See Pope CF

Sostman HD; Rapoport S; Gottschalk A; et al: imaging of pulmonary embolism, (Invest

Sosulski R See Heneghan MA

Sostelo D See Greenspan A Sotelo-Avila C; Sundaram M; Kyriakos M; et al: case report 373, (Skeletal Radiol), 15: 387, 1986

Sotgiu A; Hyde JS: high-order coils as transmitters for NMR imaging, (Magn Res Med), 3: 55, 1986 Soto B See Adey CK

Soto B See Chakraborty DP

Soto B See Diethelm F Soto B See Nath HP

Soto B See Nath PH

Soto B; Bargeron LM Jr; Diethelm E: ventricular septal defect. (Semin Roentgenol), 20: 200, 1985
Soto B; Coghlan CH; Bargeron LM Jr: present status

of axially angled angiocardiography, (Radiology), 155: 270, 1985 Soto G See Cohen EK

Soto G; Daneman A; Hellman J: Doppler evaluation of cerebral arteries in a galenic vein malformation, (J Ultrasound Med), 4: 673, 1985 Souba WW; McKenna RJ Jr; Meis J; et al: radiation-induced sarcomas of the chest wall, (Radiology), 160: 857, 1986

Soucek CD See Gobien RP Soudry M See Schneider R

Soulen MC; Fishman EK; Scatarige JC; Hutchins D; Zerhouni EA: cryptosporidiosis of the gastric antrum: detection using CT, (Radiology), 159: 705, 1986

Soulen RL See Chaise LS Soulen RL See McNamara MT Soulen RL See Ramchandani P

Soulen RL: magnetic resonance imaging of prosthetic heart valves, (Radiology), 158: 279, 1986

Soulen RL; Budinger TF; Higgins CB: magnetic resonance imaging of prosthetic heart valves, (Radiology), 154: 705, 1985 Soulen RL; Donner RM: advances in noninvasive

evaluation of congenital anomalies of the thoracic aorta, (Radiol Clin North Am), 23: 727, 1985

Soulen RL; Donner RM: magnetic resonance imaging of rerouted pulmonary blood flow, (Radiol Clin North Am), 23: 737, 1985

Soules MR See Haynor DR
Soulere CR Jr; Kirchner JA: laryngeal
perichondritis and abscess, (Radiology), 159:
574, 1986

Soussaline F See Bendriem B Soutar DS See Robertson AG Southwick WO See Ogden JA

Sowby FD: statement from the 1984 Stockholm meeting of the International Commission of Radiological Protection, (Radiology), 154: 216,

Sowerby MRR See Hindman BW Sowers JC See Gelfand DW Sover A See Swartz ID

Space TC; Louis DS; Francis I; et al: CT findings in distal radioulnar dislocation, (JCAT), 10: 689, 1986

Spackman TJ See Duara S

Spagnoli MY; Goldberg HI; Grossman RI; Bilaniuk LT; Gomori JM; Hackney DB; Zimmerman RA: intracranial meningiomas: high-field MR imaging, (Radiology), 161: 369, 1986

Spalding WW See Braun IF Spamer C See Brambs HJ

Spamer C; Brambs H-J; Koch HK; et al: benign circumscribed lesions of the liver diagnosed by ultrasonically guided fine-needle biopsy, (JCU), 14: 83, 1986

Spanier SS See Hudson TM Spann JF See Maurer AH Spann JF See Siegel JA Sparling JR See Road JD Spataro RF See Fischer HW Spataro RF See Lerner RM

Spataro RF: newer contrast agents for urography, (Radiol Clin North Am), 22: 365, 1984

Spechler SJ See Vincent ME Spechler SJ; Dalton JW; Robbins AH; et al: prevalence of normal serum amylase level patients with acute alcoholic pancreatitis, (Radiology), **152**: 250, 1984 vels in

(Sealology), 152: 290, 1984
 Spechler SJ; Robbins AH; Bloomfield H; et al: adenocarcinoma and Barrett's esophagus. overrated risk?, (Radiology). 156: 854, 1985
 Spechler SJ; Sperber H; Doos WG; et al: prevalence of Barrett's esophagus in patients with chronic peptic esophageal strictures, (Radiology), 151: 818, 1984

Speck U See Felix R Spector JG See Lesser RW Spector RH See Barrow DL

Speller RD; Ensell GJ; Wallis C: system for dual-energy radiography, (Radiology), 152: 871, 1984 Spence AM See Lewellen TK Spence AM See Rasey JS Spence J See Stoker AF Spence JD See Lamki L

Spence RAJ See Anderson JR Spencer RP See Grimmond AP

Spencer RP See Karimeddini MK Spencer RP See Mathews J

Spencer RP See Reik L Ji Spencer RP See Roswig DM Spencer RP See Skarzynski JJ

Spencer RP See Slavin JD Jr Spencer RP See Surh Y

Spencer RP: update on therapeutic uses of radiotracers in neoplastic disease, (Semin Nucl Med), 15: 21, 1985

Spencer RP; Gupta SM: radionuclide studies of the spleen in trauma and iatrogenic disorders, (Semin Nucl Med), 15: 305, 1985

Spencer RP; Karimeddini MK: introduction of bone imaging agent into the pleural space, (Clin Nucl Med), 11: 290, 1986

Spencer RP; Karimeddini MK: photon scatter from asymmetric bladder activity, (Clin Nucl Med), 11: 222, 1986

Spencer RP; Lee YS; Sziklas JJ; et al: failure of uptake of radiocolloid by the femoral heads: a diagnostic problem: concise communication, (Radiology), 150: 617, 1984

Spenser J See Isaacson PG

Spenser J See Isaacson PG Sperber H See Spechler SJ Sperber M; Mohan KK: computed tomography—a reliable diagnostic modality in pulmonary asbestosis, (Radiology), 154: 859, 1985 Spicer LD See Silverman PM Spicer MJ See Moreno AJ

Spicka JT See Orton CG Spickler EM See Halpert RD Spiegel AM See Doppman JL Spiegel AM See Krudy AG

Spiegel RJ; Fatmi MBE: three-dimensional finitedifference thermoregulatory model of a squirrel monkey, (Int J Radiat Oncol Biol Phys), 12: 983,

Spiegel SM; Hyams BB: radiographic demonstratic of a toxic agent, (Radiology), 155: 548, 1985 Spiegel SM; Vinuela FV; Fox AJ; et al: CT of

multiple sclerosis: reasses ent of delayed multiple sclerosis: reassessment of delayed scanning with high doses of contrast material, (AJNR), 6: 533, 1985
Spiegel SM; Vinuela FV; Goldwasser JM; et al: adjusting the polymerization time of isobutyl-2 cyanoacrylate, (AJNR), 7: 109, 1986
Spiegel T See Vock P
Spielman D See Macovski A

Spiera H See Mendelson DS
Spiera H See Mendelson DS
Spiers EW: nuclear medicine: quantitative
procedures, (Radiology), 151: 498, 1984
Spies JB; Hricak H; Slemmer TM; et al: sonographic
evaluation of experimental acute renal arterial
occlusion in dogs, (AJR), 142: 341, 1984
Spies SM See Spies WG

Spies SM Dee Spies WG

Spies WG; Burstein SP; Dillehay GL;

Vogelzag RL; Spies SM: ventilation-perfusion
scintigraphy in suspected pulmonary embolism:
correlation with pulmonary angiography and
refinement of criteria for interpretation,
(Radiology), 159: 383, 1986
Spiego DG Con Penal Penal

Spigos DG See Brundage BH Spigos DG See Machi J Spigos DG See Mafee MF Spigos DG See Otto R Spigos DG See Petty W Spigos DG See Tan WS Spigos DG See Wilbur AC Spilker JA See Brott TG Spiller M See Koenig SH Spinelli G See Matter D

Spinks TJ; Lammertsma AA; Jones T; et al: influence of intravascular activity on the determination of blood flow and oxygen extraction in normal and ulcerated legs using the <sup>15</sup>O steady-state technique and positron emission tomography, (JCAT), 9: 342, 1985

<sup>†</sup> Revised data appear in Letters to the Editor, Radiology, January, 1986

Spinos E; Laster DW; Moody DM; et al: MR evaluation of Chiari I malformations at 0 (AJNR), 6: 203, 1985 ations at 0.15 T. Spirito P See Maron BJ

Spirito P See Maron Bj Spirito P, Maron Bj: significance of left ventricular outflow tract cross-sectional area in hypertrophic cardiomyopathy: a two-dimensional echocardiographic assessment, (Radiology), 151: 274, 1984 Spirn PW See Kradin RL

Spirn PW See Kradin RL

Spirnak JP, Resnick MI: stone formation as a complication of indwelling ureteral stents: report of 5 cases, (Radiology), 158: 859, 1986

Spirnak JP, Resnick MI: transretal ultrasonography, (Radiology), 154: 283, 1985

Spiro IJ See Ling CC

Spirt BA See Kenney PJ
Spirt BA; Berlow ME; Gordon LP; Weil LR: ectopic

pregnancy: sonographic-pathologic correlatio (Radiographics). 4: 821, 1984 Spirt BA; Gordon LP: placenta as an indicator of fetal maturity: fact and fancy, (Semin US CT MR), 5: 290, 1984

Spitalier J-M See Kurtz JM Spitler LE See Engelstad BL Spittle MF See Yeoh EK Spitz HB See Moore PT Spitz L See Dux AEW

Spitz L See Malone M Spitz MR; Batsakis JG: major salivary gland carcinoma. descriptive epidemiology and survival of 498 patients, (Radiology), 153: 571, 1984

Spitzer RM See Monajati A Spitznagle LA See Surh Y

Spizany DL; Cavanaugh B: anterior bronchus sign new clue to hilar abnormality, (AJR), 145: 265, 1985

Spizarny DL See Shepard J-AO

Spizarny DL; Goodman LR: air in the minor fissure: sign of right-sided pneumothorax, (Radiology), 160: 329, 1986

Spizarny DL; Shepard J-AO; McLoud TC; et al: CT of adenoid cystic carcinoma of the trachea (AJR), 146: 1129, 1986

Spock A See Effmann EL Spock A See Grossman H Spohn BE See Swobodnik WL Spoylar J See Slovis TL

Spoylar J See Slovis 11.

Spranger J See Beighton P

Spranger J; Albert C; Schilling F; et al: progressive pseudorheumatoid arthritis of childhood (PPAC). a hereditary disorder simulating rheumatoid arthritis, (Radiology), 150: 860, 1984

Sprawls P See Witrak BJ Sprayregen S See Samson RH Sprayregen S See Winn M

Sprayregen S See Winn M
Spring DB See Redmond J III
Spring DB; Akin JR; Margulis AR: informed
consent for intravenous contrast-enhanced
radiography: a national survey of practice and
opinion, (Radiology), 152: 609, 1984
Spring DB; Akin JR; Margulis AR;
Tennenhouse DJ: obtaining informed consent
for intravenous contrast-enhanced radiography:
pros and cons: reply, (Radiology), 155: 257, 1985
Spring DR: Tennenhouse DJ: radiology malpractice

Spring DB; Tennenhouse DJ: radiology malpractice lawsuits: California jury verdicts, (Radiology), 159: 811, 1986

ring DB; Tennenhouse DJ; Akin JR; Margulis AR: radiologists and informed-consent lawsuits, (Radiology), 156: 245, 1985 Spring E See Kaukiainen M

Springer R See Tegtmeyer CJ Springer RM See Lang EK Springfield DS See Capanna R Springfield DS See Hudson TM

Springfield DS; Capanna R; Gherlinzoni F; et al: chondroblastoma, (Radiology), 157: 566, 1985 Spritzer CE See Mitchell DG

Spritzer CE See Rao VM Sprung CL See Goldstein MS Spruvt O See Fataar S

Squire LF; Novelline RA: radiology should be a required part of the medical school curriculum, (Radiology), 156: 243, 1985

Srinivasan I See Tiu S Srinivasan MK See Widrich WC

Srivastava SC See Oster ZH Srivastava SC; Chervu LR: radionuclide-labeled red blood cells: current status and future prospects, (Semin Nucl Med), 14: 68, 1984

Srur M See Saddekni S Srur M See Sniderman KW Srur M See Sos TA

Srur M See Sos 1A
Srur MF See Rozenblit G
Srur MF; Sos TA; Saddekni S; Cohn DJ;
Rozenblit G; Wetter EB: intimal fibromuscular
dysplasia and Takayasu arteritis: delayed
response to percutaneous transluminal renal
angioplasty, (Radiology), 157: 657, 1985

Staab EV See Curnes JT Staab EV See Mittelstaedt CA

Staab EV See Mittelstaett CA
Staab EV See Pizer SM
Stab EV See Yankaskas BC
Stablein DM See Thomas PRM
Stables DP See Nussbaum A
Stack J: Legge D; Behan M: computed tomographic arteriography in the pre-surgical evaluation of Stack J; Legge D; Behan M: computed tomograpl arteriography in the pre-surgical evaluation hepatic tumours, (Radiology), 153: 858, 1984 Stackl W See Marberger M Stacul F See Dalla Palma L Stadalnick R See Palmer PES Stadalnic RC See McGahan JP Stadalnik RC See Vera DR

Stadnik TW; Kersschot EAJ; De Schepper AMAP: intracranial tumors examined by intraarterial

intracranial tumors examined by intraarterial DSA: comparative angiography study, (Radiology), 154: 671, 1985

Staemmler M; Gersonde K: echo shape analysis and image size adjustment on the level of echoes: improvement of parameter-selective proton images, (Magn Res Med), 3: 418, 1986

Staessen JA See Wilms GE

Stafford JL See LeMay M

Stafford SA; Rosenthal DI; Gebhardt MC; et al: MRI in stress fracture, (AJR), 147: 553, 1986 Stafford T See Ciric IS

Stattord I See Ciric IS Stage P See Mogensen NB Stahl RS See Zeman RK Stahl TJ See Noz ME Staino A See Cucchiara S

Staino A See Cucchiara S
Stallworth JM; Horne JB: diagnosis and
management of thoracic outlet syndrome,
(Radiology), 155: 848, 1985
Stambuk EC; Pitt HA; Paris SO; et al: percutaneous
transhepatic drainage: risks and benefits,
(Radiology), 152: 847, 1984
Stamler CE See Laing FC
Stamm AC; Pinto JA; Coser PL; et al: nonspecific
necrotizing petrositis: an unusual complication
of otitis in children, (Radiology), 156: 273, 1985
Stammberger H See Kopp W

Stammberger H See Kopp W
Stammberger H; Jakse R; Beaufort F: aspergillosis Stammberger H. Jakse Ř. Beaufort F. aspergillosis of the paranasal sinuses. x-ray diagnosis, histopathology, and clinical aspects, (Radiology), 154: 281, 1985
Stamp CWH; Whitehouse GH; McDickens IW; et al: mammographic and pathologic correlations in a breast screening programme, (Radiology), 151: 546, 1984
Stampfel G: winter sport injuries of the carotid arteries (Radiology), 151: 824, 1984
Stampfel G: winter sport injuries of Stampfel R See Mailloux G
Stampfer A See Mailloux G
Standefer JA See Holt GR

Standerstkjold-Nordenstam C-G See Griffiths HJ Standertskjold-Nordenstam C-G See Hekali P

Standertskjold-Nordenstam C-G See Kivisaari L Standertskjold-Nordenstam C-G See Kivisaari L Standertskjold-Nordenstam C-G: sectional imaging methods: a comparison. (Radiology), 151: 420.

Standing HK See Baines CJ Stanfield JA See Fearnow EC III Stanford RW See Holt JAG

Stanford Ny Doty DB: role of venography and surgery in the management of patients with superior vena cava obstruction, (Radiology), 160: 574, 1986

Other Stangerup 5-E See Tos M
Stangerup 5-E See Tos M
Stangil R See Zimmerman LE
Stanisic TH; Brewer ML; Graham AR: intravesical
bacillus Calmette-Guerin therapy and associated
granulomatous renal masses, (Radiology), 160:
285, 1986

Stankiewicz PJ See Metz KR Stanley A See D'Cruz IA Stanley C See Graziani LI

Stanley C See Graziani LJ Stanley J; Gobien RP; Cunningham J; Andriole J: biliary decompression: institutional compariso of percutaneous and endoscopic methods, (Radiology), 158: 195, 1986 Stanley JC See Thornbury JR Stanley JC See Thornbury JR

Stanley JH See Gobien RP Stanley JH See Reinig JW

Stanley JH See Vujic I

Stanley JH; Cornella R; Loevinger E; et al:
sonography of systemic lupus nephritis, (AJR),
142: 1165, 1984

Stanley JH; Harrell B; Horger EO III: pseudoepidural reverberation artifact: common ultrasound artifact in fetal cranium, (JCU), 14: 251, 1986

251, 1986

Stanley JH; Ravenel D; Parker TH; et al: exogastric leiomyoblastoma: rare gastric neoplasm mimicking left hepatic mass on computed tomography, (CT), 10: 187, 1986

Stanley JH; Schabel SI; Frey GD; et al: quantitative analysis of the cervical spinal canal by computed tomography, (Neuroradiol), 28: 139, 1986

Stanley P See Diament MI Stanley P See Gilsanz V Stanley P See North CM

Stanley P See Senac MO Jr Stanley P; Atkinson JB; Reid BS; et al: percutaneous drainage of abdominal fluid collections in children, (AJR), 142: 813, 1984

children, (AJR), 142: 813, 1984
Stanley P; Diament M]; pediatric percutaneous nephrostomy; experience with 50 patients, (Radiology), 161: 863, 1986
Stanley P; Duncan AW; Isaacson J; et al: radiology of fracture-dislocation of the cervical spine during delivery, (AJR), 145: 621, 1985
Stanley P; Hieshima G; Mehringer M: percutaneous transluminal angioplasty for pediatric renovascular hypertension, (Radiology), 153: 101, 1984 101 1984

Stanley P; Senac MO Jr: percutaneous biopsy of a metastatic spinal nerve root nodule in a child, (AJNR), 5: 427, 1984

(A]NR). 5: 427, 1984

Stanley P; Senac MO Jr; Segall HD: intraspinal seeding from intracranial tumors in children, (A]NR], S: 805, 1984

Stanley RB; Mathog RH: evaluation and correction of combined orbital trauma syndrome, (Radiology), 151: 826, 1984

Stanley RB Jr; Hanson DG: manual strangulation injuries of the larynx, (Radiology), 150: 864, 1984

1984
Stanley RE See Stell PM
Stanley RJ See Anderson SD
Stanley RJ See Breatnach E
Stanley RJ See Rubin E
Stanley RJ See Van Dyke JA
Stanley RJ See Van Dyke JA
Stanley RJ, Kelly JA; Matta II; et al: inverted
papilloma in a 10-year-old boy, (Radiology), 157:
857, 1985

Stannard MW See Burrows PE Stanton L: James L. Weatherwax: pioneer in the physics of radiology, (Radiographics), 6: 331, 1986

Stanton L; Villafana T; Day JL; Lightfoot DA:

Stanton L; Villafana T; Day JL; Lightfoot D/ dosage evaluation in mammography, (Radiology), 150: 577, 1984 Staple TW See Casey D Stapleton FB See Fitch SJ Stapleton FB See Magill HL Stapleton FB; Hanissian AS; Miller LA: hypercalciuria in children with juvenile rheumatoid arthritis: association with hematuria, (Radiology), 158: 283, 1986

hematuria, (Radiology), 158: 283, 1986

Starck E See Kollath J

Starck EE; Paolucci V, Herzer M; Crummy AB:
esophageal stenosis: treatment with balloon
catheters, (Radiology), 153: 637, 1984

Starck EE See McDermott JC

Starck EE; McDermott JC; Crummy AB;
Turnipseed WD; Acher CW; Burgess JH:
percutaneous aspiration thromboembolectomy,
(Radiology), 156: 61, 1985

Starewicz PM See Soila KP

Starinsky R; Manor A; Segal M: non-functioning
kidney associated with neonatal adrenal
hemorrhage: report of 2 cases, (Pediatr Radiol),
16: 427, 1986

Stark DD See Butch R]

nemorrnage: report of 2 ct
16: 427, 1986
Stark DD See Butch RJ
Stark DD See Edelman RR
Stark DD See Goldberg HI
Stark DD See Goldberg HI
Stark DD See Gooding GAW
Stark DD See Gooding GAW
Stark DD See Hahn PF
Stark DD See Halp See Halp Stark DD See Loffin TG
Stark DD See Loffin TG
Stark DD See Moss AA
Stark DD See Moss AA
Stark DD See Moss AA
Stark DD See Word AB
Stark DD See Word AB
Stark DD See Moss AA
Stark DD See Word AB
Stark DD See Simeon JF
Stark DD See Simeon JF
Stark DD See Simeon JF

Stark DD See Simeone JF Stark DD See Webb WR Stark DD See White EM

Stark DD See White EM
Stark DD; Brasch RC; Gooding CA: radiographic assessment of venous catheter position in children: value of the lateral view, (Radiology), 153: 274, 1984
Stark DD; Felder RC; Wittenberg J; et al: magnetic resonance imaging of cavernous hemangioma of the liver: tissue-specific characterization, (AJR), 145: 213, 1985
Stark DD; Goldberg HI; Moss AA; Rses NM;

149: 21.3, 1985
Stark DD, Goldberg HI; Moss AA; Bass NM:
chronic liver disease: evaluation by magnetic
resonance, (Radiology), 150: 149, 1984
Stark DD; Gooding GAW; Clark OH: noninvasive
parathyroid imaging, (Semin US CT MR), 6: 310,
1985

1985

Stark DD; Hahn PF; Trey C; et al: MRI of the Budd-Chiari syndrome, (AJR), 146: 1141, 1986

Stark DD; Heilbron D; Moss AA: recurrent neuroblastoma: determining the frequency of follow-up examinations. reply, (Radiology), 150: 607, 1984

Stark DD: History Comments of the comments o

507, 1984
Stark DD; Higgins CB; Lanzer P; Lipton MJ;
Schiller N; Crooks LE; Botvinick EH;
Kaufman L: magnetic resonance imaging of the pericardium: normal and pathologic findings,
(Radiology), 150: 469, 1984

Stark DD; McCarthy SM; Filly RA; et al: pelvimetry by magnetic resonance imaging, (AJR), 144: 947. by magnetic re

Stark DD; McCarthy SM; Filly RA; Callen PW; Hricak H; Parer JT: intrauterine growth retardation: evaluation by magnetic resonance. work in progress, (Radiology), 155: 425, 1985

Stark DD; Moseley ME; Bacon BR; Moss AA; Goldberg HI; Bass NM; James TL: magnetic resonance imaging and spectroscopy of hepatic iron overload, (Radiology), 154: 137, 1985

Stark DD; Moss AA: magnetic resonance imaging of the pancreas, (Semin US CT MR), 5: 428, 1984

Stark DD; Moss AA; Gamsu G; Clark OH; Gooding GAW; Webb WR: magnetic resonance imaging of the neck. part II: pathologic findings, (Radiology), 150: 455, 1984

Stark DD; Moss AA; Gamsu G; Clark OH; Gooding GAW; Webb WR: magnetic resonance imaging of the neck, part I: normal anatomy, (Radiology), 150: 447, 1984

Stark DD; Moss AA; Goldberg HI: nuclear magnetic resonance of the liver, spleen, and pancreas, (Cardiovasc Intervent Radiol), 8: 329, 1986

Stark DD; Moss AA; Goldberg HI; Davis PL; Federle MP: magnetic resonance and CT of the normal and diseased pancreas: a comparative study, (Radiology), 150: 153, 1984

Stark DD; Moss AA; Goldberg HI; Deveney CW: CT of pancreatic islet cell tumors, (Radiology), 150: 491, 1984

Stark DD; Wittenberg J; Edelman RR; Middleton MS; Saini S; Butch RJ; Brady TJ; Ferrucci JT Jr: detection of hepatic metastases: analysis of pulse sequence performance in MR imaging, (Radiology), 159: 365, 1986

Stark DD; Wittenberg J; Middleton MS; Ferrucci JT Jr: liver metastases: detection by phase-contrast MR imaging, (Radiology), 158: 327, 1986

Stark EH See Brown BM

Stark P See Jackson H

Stark P: invasion of the sternum by lymphoma—role of CT, (Radiology), 153: 572, 1984

Stark P: midline sternal foramen: CT demonstration, (JCAT), 9: 489, 1985

Stark P: retention cyst of the epiglottis: CT appearance, (JCAT), 9: 582, 1985

Stark P: ultraschalldiagnostik in geburtshilfe und gynakologie—lehrbuch und atlas (ultrasound in obstetrics and gynecology—textbook and atlas), (Radiology). 158: 96, 1986

Stark P; Greene RE; Morgan G; et al: lung cancer and pregnancy, (Radiology), 156: 561, 1985

Stark P; Guthrie AM; Bull J: thoracic radiographic changes after systemic hyperthermia for advanced cancer, (Radiology), 154: 55, 1985

Stark P; Jaramillo D: CT of the sternum, (AJR), 147:

Starkschall G; Riggs JD; Lowther JR II: computer-aided instructional module for radiological physics, (Int J Radiat Oncol Biol Phys), 12: 421, 1986

Starling MR; Crawford MH; Sorenson SG; et al: comparative value of invasive and noninvasive techniques for identifying left ventricular mural thrombi, (Radiology), 152: 863, 1984

Starling MR; Dehmer GJ; Lancaster JL; Lasher JC; Walsh RA; Weiland FL; Uhl GS; Blumhardt R: segmental coronary artery disease: detection by rotating slant-hole collimator tomography and planar thallium 201 myocardial scintigraphy, (Radiology), 157: 781, 1985;

Starnes HF; Vallance R; Hamilton DNH: recurrent varicose veins: a radiological approach to investigation, (Radiology), 153: 564, 1984

Starnes VA; Adkins RB; Balliner JF; et al: Barrett's esophagus. a surgical entity, (Radiology), 154: 270, 1985

Staron RB; Ford E: computed tomographic volumetric calculation reproducibility, (Invest Radiol), 21: 272, 1986

Starritt HC See Duck FA

Starshak RJ See Choi SK

Starshak RJ See Kilgore DP

Starshak RJ See Sty JR Starshak RJ; Simons GW; Sty JR: occult fracture of the calcaneus—another Toddler's fracture.

(Radiology), 152: 852, 1984 Starzl TE See Dominguez R

Starzl TE See Zajko AB Stassi J See Levine RB Staten MA See Rucker L

Staton G See Fajman WA Staton RE See Ball JB Jr

Staubach LB: enlarged optic nerve, (Semin Roentgenol), 19: 83, 1984

Stauffer AE See Rosenthal DI Stauffer AE See vanSonnenberg E Stauffer UG See Schwobel M Stavas JM; Reinke DB; Miller RP: mycotic aneurysm of the renal artery: CT appearance, (Br J Radiol), 59: 401, 1986

Stavinoha J See de Ruiz M Stead J See Mechlin MB Stead RJ See Graham N

Stean K ) See Granam N
Stears JC See Miller GM
Stears JG See Gray JE
Stears JG; Felmlee JP; Gray JE: half-value-layer
increase owing to tungsten buildup in the x-ray
tube: fact or fiction, (Radiology), 160: 837, 1986
Stechschulte DJ See Jameson TW
Steckal RJ See Keena AB

Stechschulte DJ See Jamieson Steckel RJ See Kagan AR Stedeford JBH See Welsh AD Steed DL See McAuley CE Steele G See Onik G Steenholdt S See Schultz HP Steere AC See Lawson JP Steere AC See Pachner AR Stefanidis C See Hewitt IK Steffe JW See Resnik CS Stehman FB See Calkins AR Steidle B See Wolf K-J
Steiger Z See Haynes JW
Steigerwald JC See Lovy MR Stein B See Mawad ME Stein BM See Cogen P Stein BM See Ganti SR

Stein E: case report 374, (Skeletal Radiol), 15: 391,

Stein EJ See Banner MP Stein EJ See McLean GK Stein EJ See Meranze SG Stein HD See Baker SR Stein HL See Naidich JB

Stein HL See Wiener JI Stein I See Beitzke A Stein K See Schaffer RM Stein KR See Tate CF III

Stein LA See Olak J Stein MA See Graham LS Stein MA See LaFontaine RL Stein MG See Hamlin JA

Stein MG See Hamlin JA
 Stein MG; Gamsu G; Webb WR; et al: computed tomography of diffuse tracheal stenosis in Wegener granulomatosis, (ICAT), 10: 868, 1986
 Stein MG; Waxman AD; Ramanna L; et al: postperfusion xenon-133 ventilation scintigraphy with a narrow window, (AJR), 145: 511, 1985

n PD; Goldstein S; Sabbah HN; et al: in vivo evaluation of intracellular pH and high-energy phosphate metabolites during regional myocardial ischemia in cats using <sup>31</sup>P nuclear magnetic resonance, (Magn Res Med), 3: 262, 1986 Stein PD; Goldstein S; Sabbah HN; et al: in vivo

Stein R See Caplan L

Stein RA; Pearce KI; Nosil J; et al: toward quantitative characterization of the caudate nucleus through CT image enhancement, (JCAT), 9: 708, 1985

Stein REK See Gershel JC Stein SA See Hill SC

Steinbach LS; Schneider R; Goldman AB; Kazam E; Ranawat CS; Ghelman B: bursae and abscess cavities communicating with the hip: diagnosis using arthrography and computed tomography, (Radiology), 156: 303, 1985

Steinbaum 5 See Kapila A
Steinbaum 5 See Kapila A
Steinberg EP: impact of regulation and payment
innovations on acquisition of new imaging
technologies, (Radiol Clin North Am), 23: 381,
1985

Steinberg EP: status of MRI in 1986: rates of adoption in the United States and worldwide, (AJR), 147: 453, 1986

Steinberg GK; Shuer LM; Conley FK; et al: evolution and outcome in malignant astroglial neoplasms of the cerebellum, (Radiology), 157: 854 1985

854, 1985 Steinberg HV See Bernardino ME Steinberg HV See Murphy FB Steinberg ME See Mitchell DG Steinberg ME See Mitchell MD Steinberg SB See Swartz JD

Steinbrich W; Beyer D; Modder U; malignant lymph node diseases. diagnosis with MRI in comparison with other imaging modalities, (Radiology), 158: 287, 1986 Steiner C See Holthusen W

Steiner E See Listinsky JJ Steiner E See Zagoria RJ

Steiner E diagnostic imaging in internal medicine, (Radiology), 157: 582, 1985
Steiner E; Rubens D; Weiss SL; et al: sonographic examination of the abdominal aorta through the left flank: prospective study, [J Ultrasound Med.), 5: 499, 1986

Steiner E; Simon JH; Ekholm SE; et al: neurologic complications in diabetics after metrizamide lumbar myelography, (AJNR), 7: 323, 1986

Steiner G See Greenspan A Steiner GC See Abdelwahab IF Steiner GC See McCarthy EF Steiner GC See Norman A Steiner GM See Merrill CR Steiner H See Kopp W Steiner H See Lammer J Steiner H See Pilger E

Steiner H See Pilger E
Steiner H; Lammer J; Kleinert R; et al: dissecting
aneurysm of cerebral arteries in congenital
vascular deficiency, (Neuroradiol), 28: 331, 1986
Steiner RE See Bydder GM
Steiner RE See Davidson HD

Steiner RE See Graif M Steiner RE See Leung AW-L Steiner RE See Peterman SB Steiner RE See Wilson DA

Steiner RE: Caldwell Lecture: magnetic res imaging: its impact on diagnostic radiology, (AIR), 145: 883, 1985

Steiner RE: nuclear magnetic resonance imaging of the heart, (Cardiovasc Intervent Radiol), 8: 314, 1986

Steiner RE: present and future clinical position of magnetic resonance imaging, (Magn Res Med), 3: 473, 1986

Steiner RM See Bloem JL Steiner RM See Greco RJ Steiner RM See Guit GL Steiner RM See Rao AK Steiner RM See Rao VM Steiner RM See Wang Y Steiner RM See Wechsler RI

Steiner RM: Tegtmeyer CJ; Morse D; Moses ML; Goodman LR; Nanda N; Ravin CE; Parsonnet V; Flicker S: radiology of cardiac pacemakers, (Radiographics), 6: 373, 1986 Steiner RW See Kipper SL

Steinfeld A See Fass D

Steinfeld AD: cancer and the elderly, (Radiology), 161: 656, 1986 Steinfeld AD: liver cancer, (Radiology), 160: 626,

Steinfeld AD: lymphatic imaging: lymphography, computed tomography and scintigraphy. 2d ed., (Radiology), 159: 692, 1986

Steinfeld AD: modern radiation oncology, vol. 2, (Radiology), 15t. 14, 1986
Steinfeld AD: radiation encology, (Radiology), 159:

Steinfeld AD: radiotherapy of malignant disease, (Radiology), 157: 382, 1985 Steinfeld AD: screening for cancer, (Radiology), 159:

Steingart RM; Cohen MV: thallium-201 scintigraphic quantitation of regional flow disparity and subsequent redistribution in dogs, (J Nucl Med), 27: 75, 1986

() Nucl Med), 27: 75, 1986 Steinhardt GF; Slovis TL; Perlmutter AD: simple renal cysts in infants, (Radiology), 155: 349, 1985 Steinhardt MI See Goldfinger M Steinhardt MI See Noyek AM Steinhardt MI See Wortzman G

Steinhaudin CA; Cuttat JF: spontaneous pneumothorax: complication of lung cancer?, (Radiology), 159: 821, 1986
Steinling M; Destee A: mismatch between iodine123 and xenon-133 SPECT rCBF measurement, (Clin Nucl Med), 11: 13, 1986

Steinmuller DR See Streem SB
Stell PM; Maran AGD; Stanley RE; et al: chronic
laryngeal stenosis, (Radiology), 158: 861, 1986
Stellin GP See Kumpe DA

Stelling C: mammography, thermography, and ultrasound in breast cancer detection, (Radiology), 151: 588, 1984

Stelling CB: recent results in cancer research: early detection of breast cancer, (Radiology), 157: 210, 1985

Stelling CB; Wang PC; Lieber A; Mattingly SS; Griffen WO; Powell DE: prototype coil for magnetic resonance imaging of the female breast: work inprogress, (Radiology), 154: 457,

Stelling CB; Woodring JH; Rehm SR; Hopper DW; Noble RC: miliary pulmonary blastomycosis, (Radiology), 150: 7, 1984

(Radiology), 1906 /, 1904 Stelzner TH IT; King TE IT; Antony VB; et al: pleuropulmonary manifestations of the postcardiac injury syndrome, (Radiology), 151: 817, 1984

Stender H-S See Daniel WG Stener B See Berlin O Stenman S See Paimela H

Stennan S See Paimela H
Stenoien R; Mootz AR; Landay MJ II: retrocardiac phantom image on hypocycloidal chest tomograms, (Radiology), 161: 671, 1986
Stenzel TT See Brown MA
Stepan J; Svab V; Kolar J; et al: spine and multiple site hyperostoses in gout and hyperuricemia, (Radiology), 151: 545, 1984
Stepan R See von Einsiedel HG
Stephen CA See Fie SH

Stephens CA See Ein SH Stephens DH See Clain JE

Stephens DH See Eelkema EA Stephens DH See Ormson MJ Stephens DH See Swensen SJ Stephens DH See Teefey SA Stephens DH See Welch TJ Stephens WH See James AE Jr Stephenson LW See Epstein DM Stephenson SK See Hughes JS Stephenson TF; Lincoln AJ; Mehnert PJ; et al: comparison of x-ray film and photographic paper in recording CT images, (JCAT), 8: 1161, 1984 Stephenson WM; Laing FC: sonography of ovarian fibromas, (AJR), 144: 1239, 1985 Sterkel B See Alazraki NP Sterling RT See Weidner N Stern RG See Hirji M
Stern RG; Gamsu G; Golden JA; et al: intrathoracic adenopathy: differential feature of AIDS and diffus lymphadenopathy syndrome, (AJR), 142: 689, 1984 Stern WZ See Rosenblatt R Sternberg P Jr, Tiedeman J; Hickingbotham
D; et al: controlled aspiration of subretinal fluid
in the diagnosis of carcinoma metastatic to the
choroid, (Radiology), 156: 861, 1985 Sternick AN See Grossman ZD Stess RM See Gooding GAW Stevens DA See Sugar AM
Stevens GM; Jackman RJ: outpatient needle biopsy
of the lung: its safety and utility, (Radiology),
151: 301, 1984 151: 301, 1984
Stevens JM, See Yu YL
Stevens JM, Ruiz JS; Kendall BE: observations on peritumoural oedema in meningioma, (Radiology), 151: 266, 1984
Stevens M See Smathers RL
Stevens MH; Harnsberger HR; Mancuso AA; et al: computed tomography of cervical lymph nodes: staging and management of head and neck cancer, (Radiology), 161: 287, 1986
Stevens PS See Mason WG Jr
Stevenson GW See Coblentz CL
Stevenson GW See Coblentz CL
Stevenson GW See Somers S
Stevenson GW See Thompson CT
Stevenson GW See Thompson CT
Stevenson GW; Goodacre R; Jackson R; et al: dysplasia to carcinoma transformation in ulcerative colitis, (AJR), 143: 108, 1984
Stevenson GW; Pathria MN; Lamping DL; et al: driving ability after intravenous fentanyl or diazepam: controlled double-blind study, (Invest Radiol), 21: 717, 1986
Stevenson JC See Banks LM Stevens JM See Yu YL Stevenson JC. See Banks LM Stevenson JG: Kawabori I; Bailey WW: noninvasive evaluation of Blalock-Taussig shunts: determination of patency and differentiation determination of patency and differentiation from patent ductus arteriosus by Doppler echocardiography, (Radiology), 152: 265, 1984 Stevenson JK See Shuman WP Stewart AL; Thorburn RJ; Hope PL; et al: ultrasound appearance of the brain in very preterm infants and neurodevelopmental outcome at 18 months of age, (Radiology), 151: 821, 1984 Stewart CA; Sakimura IT; Applebaum DM; et al: evaluation of peritoneovenous shunt patency by intraperitoneal Tc-99m macroaggregated albumin: clinical experience, (AJR), 147: 177, Stewart CA; Sakimura IT; Siegel ME: scintigraphic demonstration of splenosis, (Clin Nucl Med), 11: 161, 1986 Stewart CE III See Johnson DW Stewart ET See Baum S Stewart ET See Dodds W Stewart ET See Puglisi BS Stewart ET See Thorsen MK Stewart ET See Thorsen MK

Stewart F; Bohlken S; Begg A; et al: renal damage in mice after treatment with cisplatinum alone or in combination with x-irradiation. (Int J Radiat Oncol Biol Phys), 12: 927, 1986

Stewart F; Randhawa V; Maughan R: RBE for mouse bladders after irradiation with 1 to 8 fractions of d(4) + Be neutrons. (Br J Radiol), 59: 61, 1986

Stewart GM See Wilson WR Stewart M See Mirvis S Stewart MT See Knox M Stewart V See Dalinka MK Stewart WA See Naidich TP Stewart WJ See Ascah KJ Stewart WJ See Brown KT Stierman ED See Carrasco CR Stilla RF See Weiss KL

Stitik FP See Khouri NF Stitik FP See Zerhouni EA Stobbe CC See Koch CJ Stobbe CC See Koch CJ
Stober T; Wussow W; Schimrigk K; bicaudate diameter—the most specific and simple CT parameter in the diagnosis of Huntington's disease, (Radiology), 153: 277, 1984
Stock JR See Rogoff PA
Stockard B See Manga P
Stockale HR See Quinnell RC
Stockel M; Ennow K; Kristensen K; et al: anaphylactic reaction to orthoiodohippurate, (Radiology), 150: 617, 1984
Stocker JT See Kramer SS Stocker JT, Malczak HT: study of pulmonary ligament arteries: relationship to intralobar pulmonary sequestration, (Radiology), 155: 848, 1985 Stocklin G See Hamacher K Stockin G See Hamacner K Stoddart PGP See Bell JM Stoddart PGP; Virjee J: role of decubitus films in double-contrast barium enemas, (Radiology), 152: 550, 1984 152: 550, 1984

Stoddart PGP; Wickremaratchi T; Hollingworth P; et al: fibrogenesis imperfecta ossium, (Radiology), 155: 273, 1985

Stoecker TJ See Kumpe DA

Stoeter P; Prey N; Hoffmann C; et al: Dopplersonographic examination of the arterial flow in the carotid and supratrochlear arteries during carotid angiography, (Radiology), 155: 278, 1985

Stoffler G See Lammer J

Stoker AF; Jonnes SV; Spence J: ultrasound diagnosis of situs inversus in utero. a case report, (Radiology), 152: 865, 1984

Stoker DJ See Belli A

Stoker DJ See Ingram C

Stokes DC; Phillips JA; Leonard CO; et al: Stokes DC; Phillips JA; Leonard CO; et al: respiratory complications of achondroplasia, (Radiology), 150: 289, 1984 Stokes KR See Clouse ME Stokes KR See Gardiner GA Jr
Stokes S; Bedwinek J; Kao M-S; et al: treatment of
stage I adenocarcinoma of the endometrium by
hysterectomy and adjuvant irradiation:
retrospective analysis of 304 patients. (Int J
Radiat Oncol Biol Phys), 12: 339, 1986 Radiał Oncol Biol Phys), 12: 339, 1986
Stokes S; Bedwinek J; Perez CA; et al: hysterectomy
and adjuvant irradiation for pathologic stage III
adenocarcinoma of the endometrium, (Int J
Radiat Oncol Biol Phys), 12: 335, 1986
Stokes SH; Griffith RC; Thomas PRM:
angiofollicular lymph node hyperplasia
(Castleman's disease) associated with vertebral
destruction, (Radiology), 158: 570, 1986
Stall S See Goldfinger, 1 Stoll 5 See Goldfinger M Stoll 5; Goldfinger M; Rothberg R; et al: incidental detection of impalpable testicular neoplasm by sonography, (AJR), 146: 349, 1986 sonography, (A)R), 146: 349, 1986
Stolte M See Seitz K
Stoltenberg P See Frick MP
Stomper PC See Meyer JE
Stomper PC; Jochelson MS; Friedman EL; et al: CT
evaluation of advanced seminoma treated with
chemotherapy, (A)R), 146: 745, 1986
Stomper PC; Jochelson MS; Garnick MB; et al:
residual abdominal masses after chemotherapy
for nonseminomatous testicular cancer:
correlation of CT and histology, (A)R), 145: 743,
1985 Stone HB; Harding RP: reversible injury after mild hyperthermia, (Int J Radiat Oncol Biol Phys), 12: 823, 1986 Stone HB; Luu YH; Lam KN: sensitization by SR-2508 plus Ro 03-8799, (Int J Radiat Oncol Biol Phys), 12: 1097, 1986 Stone J See Kay NJ Stone M See Shawker TH Stone WJ See Casey TT Stoneman HR See Weisbrod GL Stork J: intraperitoneal contrast agents for computed tomography, (AJR), 145: 300, 1985 Stork JT; Cigtay OS; Schellinger D; et al: recurrent chloromas in acute myelogenous leukemia, (AJR), 142: 777, 1984 Storkel S See Duber C Storkel S See Gunther RW Storme L See Wilms G Storme L See Wilms G
Stormorken H; Skalpe IO; Testart MC: effect of various contrast media on coagulation, fibrinolysis, and platelet function: in vitro and in vivo study. (Invest Radiol), 21: 348, 1986
Stoskopf CA; Poznanski AK; Gilbert A; Faure C; Kaufman RA; Schmit P; calcification associated with terminal defects of the upper extremity, (Radiology), 152: 689, 1984
Stout R See Jones DA
Stout R See Jones DA Stout R See Jones DA Stout R See Magee BJ Stover DE See White DA

Strada I. See Savoiardo M
Strain JD; Harvey LA; Foley LC; Campbell JB:
intravenously administered pentobarbital
sodium for sedation in pediatric CT,
(Radiology), 161: 105, 1986
Strand M See Anderson-Berg WT
Strand R See Chinwuba C
Strand R See Hernanz-Schulman M
Strandberg JD See Kinnison ML
Strandperg JD See Kinnison ML
Strandjord SE See Fletcher BD
Strandford SE See Fletcher BD
Strandjord SE See Miraldi FD
Strandjord SE See Miraldi FD
Strandjord SE See Miraldi HD
Strandjord SE See Miraldi HD
Strandjord SE See Miraldi HD
Strandford SE See Strand HD
Strandford SE See Miraldi HD
Strandford SE See Strandford HD
Strandford SEE
S Strada L See Savoiardo M Strashun AM See Levy OM Strashun AM; Nejatheim M; Goldsmith SJ: malignant external otitis: early scintigraphic detection, (Radiology), 150: 541, 1984

Strass LG See Busch HP Strass LG See Busch HP
Strassburg HM; Sauer M; Weber S; et al:
ultrasonographic diagnosis of brain tumors in
infancy, (Radiology), 154: 852, 1985
Strasser SF; Matalon TAS; Turner DA; et al: mycotic
right coronary artery a diagnosis, (UCAT), 10: 667, 1986
Strate RW See Maglinte DDT
Stratemeier EJ; Thompson R; Brady TJ; Miller SW;
Saini S; Wismer GL; Okada RD; Dinsmore RE:
ejection fraction determination by MR imaging:
comparison with left ventricular angiography,
(Radiology), 158: 775, 1986
Stratford IJ See Chaplin DJ
Stratford IJ See Walling JM
Stratford MRL See Minchinton AI
Stratford MRL See Watts ME
Strattemer E See Rose RM
Stratub H See Schregel W
Straub WH See Burk DL Jr
Straub A See Uhlenbrock D
Strauer B-E See Riemmuller R
Straus EB See Morse SS
Strause EB See Sniderman KW
Straus HW See Osbakken MD Strauss EB See Sniderman KW
Strauss HW See Osbakken MD
Strauss HW See Pile-Spellman JM
Strauss HW See Rabinowitz SA
Strauss HW, Boucher CA: myocardial perfusion
studies: lessons from a decade of clinical use,
(Radiology), 160: 577, 1986
Strauss J See Sfakianakis GN
Strauss JE; Balthazar EJ; Naidich DP: jejunal
perforation by a toothpick: CT demonstration
(JCAT), 9: 812, 1985
Strauss J See Hermann G Strauss L See Hermann G
Strauss L See Hermann G
Strauss LG; Busch HP; Prager P; et al: computer
processed fluoroscopic images for digital
intravenous renal angiography, (Eur J Radiol), 6:
78, 1986 intravenous renal angiography, (Eur J Radiol), 6: 78, 1986
Strauss M; Aufiero T; Varano L: cochlear aqueduct radiographic anatomy in temporal bone preparations and in sudden hearing loss, (Radiology), 152: 559, 1984
Straus S See Graif M
Strauss S; Libson E; Schwartz E; et al: renal sonography in American Burkitt lymphoma, (AJR), 146: 549, 1986
Strawitz J See Gatenby RA
Strecker E-P; Holz M; Meyer-Waarden K; et al: influence of NMR measuring sequences and gradient variation on signals from flowing systems. magnetic resonance tomography on experimental models, (Eur J Radiol), 6: 53, 1986
Streem SB; Novick AC; Steinmuller DR; et al: percutaneous techniques for the management of urological renal transplant complications, (Radiology), 160: 573, 1986
Streffer C See Ling LL
Streight RA See Yates CK
Streiter M See Balthazar E]
Strender L-E See Lindahl J
Stress RM See Gooding GAW
Strich G See Brown JJ Stress RM See Gooding GAW
Strich G See Brown JJ
Strich G See Brown JJ
Strich G See Slutsky RA
Strich G; Hagan PL; Gerber KH; Slutsky RA: tissue
distribution and magnetic resonance spin lattice
relaxation effects of gadolinium-DTPA,
(Radiology), 154: 723, 1985
Strickland B; Brennan J; Denison DM: computed
tomography in diffuse lung disease: improving
the image, (Clin Radiol), 37: 335, 1986
Strickland P See Denham JW
Stricof DD See Yang PJ Strickland F See Denham JW
Stricof DD See Yang PJ
Stridsklev IC; Hagen S; Klepp O: radiation therapy
for brain metastases from malignant melanoma,
(Radiology), 156: 285, 1985
Strife JL See Ball WS Jr
Strife JL See Egelhoff JC
Strife JL See Egelhoff JC
Strife JL See Rosario-Medina W
Strife JL See Towbin RB
Strife JL see Towbin RB ower SA; Leiboff RH; Wasserman AG; et al: right ventricular thrombus formation in association with acute myocardial infarction: diagnosis by 2-dimensional echocardiography, (Radiology), 152: 563, 1984 160, 1985 Strife JL; Dunbar JS; Rice S: jejunal intubation via gastrostomy catheters in pediatric patients, (Radiology), 154: 249, 1985

Stimac G See Kerlan RK Jr

Stinson J See Ruby LK Stitik FP See Hamper UM

Stimac GK See Gooding CA Stimac GK; Solomon MA; Newton TH: CT and MR of angiomatous malformations of the choroid plexus in patients with Sturge-Weber disease, (AJNR), 7: 623, 1986 Stinson EB See Chiles C

Strife JL; Towbin RB; Crawford A: hip arthrography in infants and children: the inferomedial approach, (Radiology), 152: 536,

1984
Strijk SP; Wagener DJT; Bogman MJJT; de
Pauw BE; Wobbes T: spleen in Hodgkin disease
diagnostic value of CT, (Radiology), 154: 753,
1985

Stringel G; Mercer S: idiopathic perforation of the biliary tract in infancy, (Radiology), 152: 851, 1984

Stringer DA See Cohen EK Stringer DA See Davies CH Stringer DA See Ein SH Stringer DA See Nadel HR Stringer DA See Pablot SM

Stringer DA; Cleghorn GJ; Durie PR; et al: Behcet's syndrome involving the gastrointestinal tract—diagnostic dilemma in childhood, (Pediatr Radiol), 16: 131, 1986
Stringer DA; Cloutier S; Daneman A; et al: value of the small bowel enema in children, (J Canad Assoc Radiol), 37: 13, 1986

Stringer DA; Daneman A; Brunelle F; et al: sonography of the normal and abnormal stomach (excluding hypertrophic pyloric stenosis) in children, (J Ultrasound Med), 5: 183,

Stringer DA; Ein SH: recurrent tracheo-esophageal fistula: a protocol for investigation, (Radiology), 151: 637, 1984

151: 637, 1984

Stringer DA; Sherman PM; Jakowenko N:
correlation of double-contrast high-density
barium enema, colonoscopy, and histology in
children with special attention to disparities,
(Pediatr Radiol), 16: 298, 1986

Stringer DA; Sherman PM; Liu P; et al: value of the
peroral pneumocolon in children, (AJR), 146:
763, 1986

763, 1986
Stringer DA; Witzel MA: velopharyngeal insufficiency on videofluoroscopy: comparison of projections, (AJR), 146: 15, 1986
Stringer DA; Witzel MA: Waters projection for evaluation of lateral pharyngeal wall movement in speech disorders, (AJR), 145: 409, 1985
Strobal B Sex Hearie 1

Strobel B See Hennig J Strodel WE See Agha FP Strodel WE See Arnstein NB Strodel WE See Gundry SR Strodel WE See Shirazi KK

Strodel WE; Talpos G; Eckhauser F; et al: surgical therapy for small-bowel carcinoid tumors, (Radiology), 150: 288, 1984

Strohbehn JW: temperature distributions from interstitial RF electrode hyperthermia systems: theoretical predictions, (Radiology), 153: 863,

Strohm WD; Classen M: endosonography with a gastrofiberscope, (Radiology), 154: 568, 1985 Strome M See Fried MP

Stromski ME; Arias-Mendoza F; Alger JR; et al: hepatic gluconeogenesis from alanine: <sup>13</sup>C nepauc guconeogenesis from alanine: \*\*C nuclear magnetic resonance methodology for in vivo studies, (Magn Res Med), 3: 24, 1986

Stronell RD See Colapinto RF

Stronel RD See Gamble P

Strong EW See Vikram B

Strong EW See Vikrain B Strong MS See Simpson GT II Strong RC See Maglinte DDT Strother CM See Bergsjordet B Strother CM See Gentry LR
Strother CM See Kilgore DP
Strother CM See Malnor MD
Strother CM See Turski PA Struyven J See Delcour C

Struyven J See DelCour C
Stryker JA, Bartholomew M: failure of lactoserestricted diets to prevent radiation-induced 
diarrhea in patients undergoing whole pelvis 
irradiation, (Int.) Radiat Oncol Biol Phys), 12: 789 1986

Stuck KJ; Jafri SZH; Adler DD; et al: ultrasound

Stuck N.; Jahr. 22-t; Adier DD; et al: uttrasound evaluation of uncommon renal transplant complications, (Urol Radiol), 8: 6, 1986

Stuckman ML; Dooley MC; Jacques PF; et al: major gastrointestinal hemorrhage from peripancreatic blood vessels in pancreatitis. treatment by embolotherapy, (Radiology), 154: 559, 1985

Stuckmann G See Franze I Stuckmann G See Schubiger O Studlo JD See Demos TC Stulbaerg MS See Milligan SA Stulbarg MS See Moore EH

Stumer M See Guinto FC Jr Stumer M See Guinto FC Jr Stunden RJ; LeQuesne GW; Little KET: improved ultrasound diagnosis of hypertrophic pyloric stenosis, (Pediatr Radiol), 16: 200, 1986

Sturgess JM See Nadel HR Stutman HR See Sobel SM

Stutman HR; Rettig PJ; Reyes S: chlamydia trachomatis as a cause of pneumonitis and pleural effusion, (Radiology), 154: 274, 1985 Sty JR See Starshak RJ Sty JR See Wells RG

Sty JR; Conway JJ: spleen: development and functional evaluation, (Semin Nucl Med), 15: 276, 1985

Sty JR; Kun LE; Starshak RJ: pediatric applications in nuclear oncology, (Semin Nucl Med), 15: 171, 1985

Styles CB; Holt S; Bowes KL; et al: esophageal transit scintigraphy—a cautionary note, (Radiology), 153: 574, 1984

Styles CB; Holt S; Bowes KL; et al: gastroesophageal reflux and transit scintigraphy: a comparison with esophageal biopey in patients with heartburn, (Radiology), 155: 287, 1985

Styles P See Bore PJ

Styles P See Taylor DJ

Styles R A; Seltzer SE: CT staging of prostate cancer.

and endoscopic initings, (kadiology), 154: 307, 1985

Styles RA; Seltzer SE: CT staging of prostate cancer, (Radiology), 157: 838, 1985

Suarez CR See Puczynski MS

subbarao K; Jacobson HG: amyloidosis and plasma cell dyscrasias of the musculoskeletal system, (Semin Roentgenol), 21: 139, 1986

Subbarao K; Jacobson HG: systemic disorders affecting the thoracic cage, (Radiol Clin North Am), 22: 497, 1984

Subramanian G See McAfee JG

Subramanian G See Rosebrough SF

Subramanian H See Cerdan S

Subramanyam BR See Balthazar EJ

Subramanyam BR See Balthazar EJ

Subramanyam BR; Balthazar EJ; Hilton S;

Lefleur RS; Horil SC; Raghavendra BN: hepatocellular carcinoma with venous invasion. sonographic—angiographic correlation, sonographic-angiographic correlation, (Radiology), 150: 793, 1984 Subramanyam BR; Balthazar EJ; Horii SC; et al:

abdominal lymphadenopathy in intravenous drug addicts: sonographic features and clinical significance, (AJR), 144: 917, 1985

Subramanyam BR; Balthazar EJ; Horii SC: sonography of the accessory spleen, (AJR), 143: 47, 1984

Subramanyam BR; Horii SC: sonographic demonstration of buckling of the great vessels of the neck, (AJR), 142: 1111, 1984

Subramanyam BR; Horii SC; Hilton S: diffuse testicular disease: sonographic features and significance, (AJR), 145: 1221, 1985

significance, (AJR), 145: 1221, 1985
Subramanyam BR; Raghavendra BN; Balthazar EJ; et al: ultrasonic features of cholangiocarcinoma, (Radiology), 155: 556, 1985
Sudares A See Picci P
Suddarth SA See Bobman SA
Suddarth SA See McAdams HP
Suddarth SA See Rederer SJ
Sue JY See Sommer FG
Suehiro S See Kawashima A
Suen KCH See Muller NL
Suess C See Kalender WA
Suga M See Asari S
Sugharar T See Yamaguchi T
Sugar AM; Restrepo A; Stevens DA:
paracoccidioidomycosis in the
immunosuppressed host. report of a case and
review of the literature, (Radiology), 153: 265,
1984

Sugarbaker PH See Havelaar IJ

Sugarbaker PH See Havelaar IJ
Sugarbaker PH See Miller DL
Sugarbaker PH; Vermess M; Doppman JL; et al:
improved detection of focal lesions with
computerized tomographic examination of the
liver using ethiodized oil emulsion (EOE-13)
liver contrast, (Radiology), 155: 860, 1985
Sugawara K See Kumazaki T
Sugerman AA See McKinstry DN
Sugerman H J See Wright TP
Sugimoto H See Lipchik EO
Sugimoto S; Tsujimoto F; Kato Y; et al: sonographic
patterns of renal cell carcinoma with emphasis
on relation to tumor size, (Radiology), 154: 861,
1985

Sugino Y See Momoshima S

Sugioka Y See Ogata K
Sugrue DD; Kamal S; Deanfield JE; et al:
assessment of right ventricular function and

assessment of right ventricular function and anatomy using peripheral vein infusion of krypton 81m, (Radiology), 151: 277, 1984

Suh JH See Park CH
Suhaili AR See Abdel-Dayem HM
Suit HD See Thames HD
Suit HD See Wang CC
Suit HD; Tepper JE: impact of improved local control on survival in patients with soft tissue sarcoma, (Int J Radiat Oncol Biol Phys), 12: 699, 1986

Suit HD; Westgate SJ: impact of improved local control on survival, (Int J Radiat Oncol Biol Phys), 12: 453, 1986

Phys), 12: 453, 1986
Sukigara M See Makuuchi M
Suleiman OH See Butler PF
Suleiman OH; Showalter CK; Gross RE; Bunge RE:
radiographic film fog in the darkroom,
(Radiology), 151: 237, 1984
Sullivan BM See Flournoy JG

Sullivan BM See Potter JL

Sullivan BM See Potter JL
Sullivan G See Tempkin A
Sullivan J See Lang EK
Sullivan JA; Harms SE: surface-coil MR imaging of
orbital neoplasms, (AJNR), 7: 29, 1986
Sullivan KL; Wechsler RJ: CT diagnosis of
mediastinal lymphocele, (JCAT), 9: 1110, 1985
Sullivan KM See McDonald GB

Sullivan LD See Poskitt KJ Sullivan MA See Bluth EI

Sullivan MA See Merritt CRB
Sullivan PJ See Burch WM
Sullivan PJ See Wisch WM
Sullivan PJ See Wilson RA
Sullivan WT: extrapleural fat prolapse mimicking
recurrent bronchogenic carcinoma, (CT), 10:
277, 1986

Sullivan WT; Glasier CM; Yrizarry JM; et al:

percutaneous drainage of a psoas abscess in a young child, (Radiology), 155: 552, 1985 Sullivan WT; Orzel JA; Reed KD; et al: abnormal lung and liver uptake of gallium-67 and technetium-99m MDP in hypercalcemia of tecnnetum-99m MDP in hypercalcemia of lymphoma with metastatic pulmonary calcification, (Clin Nucl Med), 11: 545, 1986 Sullivan WT; Rosen PR; Weiland FL; Ritchey ML: prostatic uptake of Ga-67, (Radiology), 152: 537, 1984

1984
Sulonen JM; Wells CG; Barricks ME; et al:
degenerative retinoschisis with giant outer
layer breaks and retinal detachment,
(Radiology), 157: 860, 1985
Sumers EH See Rozenblit G
Sumers EH; Gittes RF: calcified tumor of the urinary

bladder: sonographic diagnosis and distinction from a bladder calculus, (J Ultrasound Med), 4: 681, 1985

Sumida M; Ohto M; Ebara M; et al: accuracy of angiography in the diagnosis of small hepatocellular carcinoma, (AJR), 147: 531, 1986 ummers RM See Axel L

Summers RM; Axel L; Israel S: computer simulation of nuclear magnetic resonance imaging, (Magn Res Med), 3: 363, 1986

Sumner T See Baker A Sumpio BE See Morse SS Sun C-C See Miller D Sun C-CJ See Haney PJ Sunami N See Yamamoto Y Sundaram M See Griffiths HJ Sundaram M See Heiberg E Sundaram M See Sotelo-Avila C

Sundaram M: joints and vertebral connections (Radiology), 160: 468, 1986

Sundaram M: magnetic resonance annual—1985, (Radiology), 156: 434, 1985 Sundaram M: radiology of orthopedic procedures, problems and complications, (Radiology), 155: 60, 1985

60, 1985
Sundaram M: radiology of skeletal trauma. volumes
1 and 2, (Radiology), 151: 466, 1984
Sundaram M: Awwad EE: magnetic resonance
imaging of arachnoid cysts destroying the
sacrum, (AJR), 146: 359, 1986

Sundaram M; Herbold DR; McGuire MH: case report 370, (Skeletal Radiol), 15: 338, 1986 Sundaram M; McGuire MH; Fletcher J; et al: magnetic resonance imaging of lesions of synovial origin, (Skeletal Radiol), 15: 110, 1986

Sundaresan N See Huvos AG Sundaresan N See Tomita T Sundbarg G See Larsson E-M Sunden G See Herrlin K

Sundrehagen E; Bengisson A-M; Bremer PO; et al: new method for granulocyte labeling with technetium-99m: preliminary results in abscess detection, (J Nucl Med), 27: 555, 1986

Sundt TM Jr See Houser OW Sung J-L See Sheu J-C Sunshine AG See Levine MS Sunshine AG See Schaffer RM Sunwoo YC See Yoo RE Suramo I See Paivansalo M Suramo I See Pamilo M Suratt PM See Dee PM Suresh MR See Boniface GR

Suresh PL See Vas W
Surh Y; Spencer RP; Spitznagle LA; et al:
technetium-99m-labeled phosphonic acid
analog of serine: bone uptake, (J Nucl Med), 27:

Surkin MI; Green RP; Kessler SM; et al: subclavian

vein thrombosis secondary to chronic otitis media, (Radiology), 150: 862, 1984 Surui S See Seo HS Surya V See Clayman RV

Susi R See Lee WJ Suss RA See Maravilla KR uss RA See Schaefer SD

Suss RA See Schaeter SD Suss RA; Bundy KJ: unilateral posterior arch fractures of the atlas, (AJNR), 5: 783, 1984 Suss RA; Maravilla KR; Thom.pson J: MR imaging of intracranial cysticercosis: comparison with CT and anatomopathologic features, (AJNR), 7: 235, 1986

Susset JG See Malhotra CM
Sussman BC See Dardik H
Sussman MD See Alford BA
Sussman MH; Horowitz SF; Navarro JL; et al:
abnormalities of the ascending aorta detected by
gated blood pool imaging, (Clin Nucl Med), 11:
198, 1986

ssman S See Austin RM

sman 5 See Austin KM sman S; Cochran ST; Pagani JJ; McArdle C; Wong W; Austin RM; Curry N; Kelly KM: hyperdense renal masses: a CT manifestation of hemorrhagic renal cysts, (Radiology), 150: 207,

1984
Susman SK; Braun SD; Perlmutt LM; et al: digital indirect portography. (AJR), 147: 39, 1986
Susman SK; Chiles C; Cooper C; et al: CT demonstration of myocardial perforation by a pacemaker lead, (JCAT), 10: 670, 1986
Susman SK; Dunnick NR; Silverman PM; et al:

issman SK; Dunnick NR; Silverman PM; et al: carcinoma of the seminal vesicle: CT appearance, (JCAT), 10: 519, 1986 issman SK; Goldberg RP; Griscom NT: milk-of-calcium hydronephrosis in patients with paraplegia and urinary-enteric diversion: CT demonstration, (JCAT), 10: 257, 1986 issman SK; Hall FM; Elboim CM: radiographic assessment of anomalous bile ducts, (Gastrointest Radiol), 11: 269, 1986 issman SK; Oke EJ; Perlmutt LM; et al: shearing of percutaneous nephrostomy catheter during indwelling ureteral stent placement, (AJR), 147: 832, 1986

Sussman SK; Silverman PM; Donnal JF: CT demonstration of isolated mediastinal goiter, (JCAT), 10: 863, 1986

(JCAT), 10: 863, 1986
Suster B, Akerman M; Orenstein M; Wax MR: pulmonary manifestations of AIDS: review of 106 episodes, (Radiology), 161: 87, 1986
Sutcliffe JF; Innes GS: electron contamination of large cobalt 60 photon beams, (Radiology), 150: 303, 1984

Sutcliffe JF; Innes GS: electron contamination of large cobalt 60 photon beams, (Radiology), 151: 838, 1984

838, 1984
Sutcliffe SB See Poon PY
Suthar AL; Nanda NC; Harris PJ: two-dimensional
and Doppler echocardiographic identification of
intrahepatic interruption of inferior vena cava
with azygos continuation, (Radiology), 152: 265,

1984
Sutherland R See Ling LI.
Sutherland R; Freyer J; Mueller-Klieser W; et al:
cellular growth and metabolic adaptations to
nutrient stress environments in tumor
microregions, (Int J Radiat Oncol Biol Phys), 12:
611, 1986

Sutherst JR See Richmond DH

Sutherst JR See Richmond DH
Sutinen S See Huhti E
Sutker B; Balthazar Ej; Fazzini E: presacral
myelolipoma: CT findings, (JCAT), 9: 1128, 1985
Sutro WH; Tuck SM; Lossewitz A; et al: prenatal
observation of umbilical cord hematoma, (AJR),
142: 801, 1984
Sutton G See Yuhasz M
Sutton GP See Calkins AR
Sutton HG See Ferguson DJ
Sutton PP See Agnew JE
Sutton AF See Gale ME
Suwanwela N See Shuaneshoti S

Suwanwela N See Shuangshoti S Suyama M See Ariyama J

Suzuki F See Handa J Suzuki H See Araki T Suzuki K See Takahashi S Suzuki M See Hirose J

Suzuki M See Hirose J
Suzuki M See Matsui O
Suzuki M See Takayasu K
Suzuki M, Takashima T, Funaki H; et al: radiologic
imaging of herniation of the small bowel
through a defect in the broad ligament,
(Castrointest Radiol), 11: 102, 1986

Suzuki S See Shibuya H Suzuki S; See Shibuya H Suzuki S; Takizawa K; Nakajima Y; et al: CT findings in hepatic and splenic amyloidosis, (JCAT), 10: 332, 1986

(ICAT), 10: 332, 1986
Suzuki Yse Hosoya T
Suzuki Y: quantitation of right-to-left shunt ratio in patients with pulmonary teleangiectasia by technetium-99m MAA lung perfusion imaging, (Cin Nucl Med), 11: 84, 1986
Suzuki Y; Kobayashi A; Ohto M; et al: bacteriological study of transhepatically aspirated bile. relation to cholangiographic findings in 295 patients, (Radiology), 153: 268, 1984

Svab V See Stepan J

Svalenius E See Jorgensen C
Svaner G: stereotaxic technique for preoperative marking of nonpalpable breast lesions, (Radiology), 151: 820, 1984
Svanholm H See Rodenberg JC

Svanhoim H See Rodenberg JC Svedberg JB See Kjellen G Svendsen P See Tjellstrom A Svendsen PA See O'Reilly GV Sveninsson T See von der Maase H Svensson GK See Buck BA

Svensson GK See Chin LM Svensson GK See Kase KR

Svensson GK See Kase KR
Svensson LG: Wellsted M: malignant insulinom
the problems of tumour localization and
management, (Radiology), 150: 288, 1984
Svigals PJ; McLean GK; Davis JE; Meranze SG;
Burke DR: transient hypertension after
percutaneous transluminal renal artery
angioplasty, (Radiology), 161: 293, 1986

Swacus JR See Mandell GA Swanson AB See Yonenobu K Swanson D See Froelich JW

Swanson D'se rroellen jw Swanson DK; Myerowitz PD; Hegge JO; Watson KM: arterial blood-flow waveform measurement in intact animals: new digital radiographic technique, (Radiology), 161: 323,

Swanson DP See Arnstein NB Swanson RA See Monteiro MLR Swanson S See de Lange EE Swantkowski TM See Mauro MA

Swartz D. Livingston C; Tio F; et al: intrapericardial diaphragmatic hernia after subxiphoid epicardial pacemaker insertion: case reports, (Radiology), 15s: 263, 1985
Swartz HM See Morse PD II

Swartz HM; Chen K; Pals M; et al: hypoxia-sensitive NMR contrast agents, (Magn Res Med), 3: 169, 1986

Swartz JD see Faerber EN
Swartz JD: cholesteatomas of the middle ear: diagnosis, etiology, and complications, (Radiol Clin North Am), 22: 15, 1984

Swartz JD: facial nerve canal: CT analysis of the protruding tympanic segment, (Radiology), 153: 443, 1984

Swartz JD; Faerber EN: congenital malformations of the external and middle ear: high-resolution CT findings of surgical import, (AJNR), 6: 71, 1985

Swartz JD; Faerber EN; Wolfson RJ; Marlowe FI: fenestral otosclerosis: significance of preoperative CT evaluation, (Radiology), 151: 703, 1984

Swartz JD; Glazer AU; Faerber EN; Capitanio MA; Popky GL: congenital middle-ear deafness: CT study, (Radiology), 159: 187, 1986

Swartz JD; Lansman AK, Berger AS; Wolfson RJ; Bell G; Popky GL; Swartz NG: stapes prosthesis: evaluation with CT, (Radiology), 158: 179, 1986

179, 1986
Swartz JD; Mandell DM; Berman SE; Wolfson RJ;
Marlowe FI; Popky GL: cochlear otosclerosis
(otospongiosis): CT analysis with audiometric
correlation, (Radiology), 155: 147, 1985
Swartz JD; Mandell DM; Faerber EN; Popky GL;
Ardito JA; Steinberg SB; Rojer CL: labyrinthine
ossification: etiologies and CT findings,
(Radiology), 157: 395, 1985
Swartz ID; Pulso S; Greenee Ct. 1885

Swartz JD; Puleo S: fractures of the C-1 vertebra:

report of two cases documented with computed tomography, (Radiology), 151: 830, 1984 Swartz JD; Russell KB; Wolfson RJ; et al: high resolution computed tomography in evaluation of the temporal bone, (Radiology), 154: 280,

Swartz JD; Soyer A; Brown LW; et al: computed tomography in global cerebral cortical ischemia of the neonate and young infant, (CT), 10: 243,

Swartz JD; Swartz NG; Korsvik H; et al: Swartz JU; Swartz NG; Korsvik H; et al: computerized tomographic evaluation of the middle ear and mastoid for posttraumatic hearing loss, (Radiology), 159: 287, 1986
Swartz JD; Vanderslice R; Hendler BH; et al: high-resolution computed tomography: part 5, evaluation of the temporomandibular joint, (Radiology), 159: 823, 1986

vartz JD; Varghese S: pars flaccida cholesteatoma as demonstrated by computed tomography, (Radiology), 155: 555, 1985

(sautology), 155: 353, 1969. Swartz JD; Wolfson RJ; Marlowe FI; Popky GL: postinflammatory ossicular fixation: CT analysis with surgical correlation, (Radiology), 154: 697, 1985

Swartz M See Brownell GL Swartz NG See Swartz JD

Swayne LC: acute acalculous cholecystitis: sensitivity in detection using technetium-99m iminodiacetic acid cholescintigraphy, (Radiology), 160: 33, 1986

Swayne LC: bone scan detection of renal yein thrombosis secondary to hypernephroma, (Clin Nucl Med), 11: 133, 1986

Swayne LC; Kolc J: erythromycin hepatotoxicity: rare cause of a false-positive technetium-99m DISIDA study, (Clin Nucl Med), 11: 10, 1986

DISIDA study, (Clin Nucl Med), 11: 10, 1986
 Swayne LC, Love MB; Karasick SR; pelvic inflammatory disease: sonographic-pathologic correlation, (Radiology), 151: 751, 1984
 Swayne LC, Rubenstein JB; Mitchell B: Mayer-Rokitansky-Kuster-Hauser syndrome: sonographic aid to diagnosis, (J Ultrasound Med), 5: 287, 1986

Swayne LC; Samach M: serendipitous detection of a Mallory-Weiss tear on hepatic imaging, (Clin Nucl Med), 11: 597, 1986

Nucl Med), 11: 597, 1986
Swee RG See Brown ML
Swee RG See Cooper KL
Swee RG See Gisvold JJ
Sweeney JK See Faulkner K
Sweeney KP See Wenstrup RS
Sweeney LE; Gordon I: miserable child with an abdominal mass—and more, (Br J Radiol), 59: 707, 1986

Sweet EM: impact of new imaging systems on paediatric radiology, (Radiology), 151: 549, 1984
 Sweetnam DR: See Cannon SR
 Swensen SJ; Keller PL; Berquist TH; et al: magnetic resonance imaging of hemorrhage, (AJR), 145: 921, 1985

921, 1985
ensen SJ; McLeod RA; Stephens DH: CT of extracranial hemorrhage and hematomas, (AJR), 143: 907, 1984

143: 907, 1984
Swenson RS See Cho C
Swenson SJ; Brown ML; Sheps SG; et al: use of I131 MIBG scintigraphy in the evaluation of
suspected pheochromocytoma, (Radiology), 157:
575, 1985

575, 1985

Sweredoski R: basic clinical diagnostic radiology, (Radiology), 155: 76, 1985

Sweredoski R: textbook of radiographic positioning and related anatomy, (Radiology), 150: 6, 1984

Swirsky MH: 1985 year book of diagnostic radiology, (Radiology), 160: 72, 1986

Swirsky MH: radiology of complications in medical practice, (Radiology), 155: 654, 1985

Swirsky MH: radiology of the gallbladder and bile ducts: diagnosis and intervention, (Radiology), 151: 314, 1984

151: 314, 1984
Swischuk LE See Clarke E
Swischuk LE See Fawcett HD
Swischuk LE See Hayden CK Jr
Swischuk LE: patent ductus arteriosus, (Semin Roentgenol), 20: 236, 1985
Swischuk LE: single ventricle, (Semin Roentgenol), 20: 130, 1985 20: 130, 1985

Swischuk LE; Hayden CK Jr: pararenal space hyperechogenicity in childhood pancreatitis, (AJR), 145: 1085, 1985

(AJK), 149: 1005, 1995
Swischuk LE; Hayden CK Jr: viral vs. bacterial pulmonary infections in children (is roentgenographic differentiation possible?), (Pediatr Radiol), 16: 278, 1986

Swischuk LE; Hayden CK Jr; Kupfer MC: significance of intraarticular fluid without visible fracture in children, (AJR), 142: 1261, 1984

1994
Swobodnik WI.; Wechsler JG; Ditschuneit H:
sonographic diagnosis of malignant carcinoid of
the small intestine, (Radiology), 150: 298, 1984
Swobodnik WI.; Spohn BE; Wechsler JG; et al: realtime ultrasound evaluation of renal transplant
failure during the early postoperative period,
(Ultrasound Med Biol), 12: 97, 1986
Swonder JE See O'Connor KW
Sy WM; Seo IS: radionuclide venography: imaging
monitor in deep-vein thrombosis of the pelvis
and lower extremities, (Br J Radiol), 59: 325,
1986

and lower extremities, (Br J Radiol), 59: 325, 1986
Sybers RG See Shuford WH
Sydnor CF See Beardsley TL
Syed AMN See Puthawala AA
Syed AMN See Tansey LA
Syke HW; Rao BR: cardiac gallium citrate concentration, (Radiology), 153: 282, 1984
Sykes JT; Sage MR; Burke AM: computed tomography in the diagnosis of iliopsoas abscesses, (Radiology), 154: 282, 1985
Sykes MW See Cossi AF
Sylvestre J See Chalaoui J
Sylvestre JJ See Prosmanne O
Symes MO; Eckert H; Feneley RCL; et al: treatment of bladder carcinoma with tumor-immune pig lymph node cells. Phase I study, (Radiology), 157: 564, 1985
Symon L; Kuyama H; Kendall B: dural

157: 504, 1985
Symon L; Kuyama H; Kendall B: dural
arteriovenous malformations of the spine.
clinical features and surgical results in 55 cases,
(Radiology), 153: 277, 1984
Symonds RP See MacNaught R

Synnes El See Flanagan RJ Szasz IJ; Lepawsky M: demonstration of pulmonary barotrauma on lung imaging, (Clin Nucl Med), 11: 371, 1986

Szasz IJ; Nagy A: scintigraphic demonstration of viable splenic autotransplant, (Clin Nucl Med), 11: 209, 1986

11: 209, 1986

Szczukowski M Jr; St. Pierre RK; Fleming LL; et al:
computerized tomography in the evaluation of
peroneal tendon dislocation. a report of two
cases, (Radiology), 152: 262, 1984

Sze G See Kucharczyk W
Sze G; Brant-Zawadzki MN; Wilson CR;
Norman D; Newton TH: pseudotumor of the
craniovertebral junction associated with chronic
subluxation: MR imaging studies, (Radiology),
161: 391, 1986

Sze G; De Armond SJ; Brant-Zawadzki M; et al: foci of MRI signal (pseudo lesions) anterior to the frontal horns: histologic correlations of a normal finding, (AJNR), 7: 381, 1986 Szeifert G See Toth Z

Szekessy T; Pochhammer K-F Szekessy T; Pochhammer K-F: diurnal sonographic imaging of the pancreas, (Radiology), 158: 567, 1986

Szepesi T See Wittich G Szeverenyi NM; Haacke EM: applications of multiple quantum coherence to MR imaging, (JCAT), 10: 484, 1986

Szidon JP See Bekerman C Sziklas JJ See Rosenberg RJ

Sziklas JJ See Rosenberg KJ
Sziklas JJ See Spencer RP
Szilasgyi G See Genter RP
Szilasgyi G See Goth M
Szpak CA See Johnston WW
Szpak CA, Johnston WW; Roggli V; et al: diagnostic
distinction between malignant mesothelioma of
the pleura and adenocarcinoma of the lung as
defined by a monoclonal antibody (B72.3),
(Radiology), 160: 571, 1986
Szumowski J See Hornak JP
Szwarz IA - Carzasco CH: Wallace S; et al:

Szumar IA, Carrasco CH; Wallace S; et al: radiopaque suspension of polyvinyl alcohol foam for embolization, (AJR), 146: 591, 1986 Szyfelbein WM See Greene R

monowicz W; Schafler K; Cussen LJ et al:

monowicz W; Schaffer K; Cussen L] et al: ultrasound and necropsy study of periventricular hemorrhage in preterm infants, (Radiology), 154: 852, 1985 monowicz W; Yu VYH: timing and evolution of periventricular haemorrhage in infants weighing 1250 g or less at birth, (Radiology), 153: 273, 1984

Szypryt P; Twining P; Preston BJ; et al: synovial chondromatosis of the hip joint presenting as a pathological fracture, (Br J Radiol), 59: 399, 1986

Tabaddor K See Baker SR Tabas JH; Daffner RH; Hartsock RJ; et al: case report 387, (Skeletal Radiol), 15: 499, 1986

report 387, (Skeletal Radiol), 15: 499, 1986

Tabas JH; Deeb ZL: diagnosis of sacral perineural cysts by computed tomography, (CT), 10: 255, 1986

Tabuchi K See Kawakami Y Tachibana H; Meyer JS; Okayasu H; et al: changing topographic patterns of human cerebral blood flow with age measured by xenon CT, (AJNR), 5: 139, 1984

Tachjdian MO See Fernbach SK Tachjdian MO See Harcke HT

Tachjdian MO See Harcke HT
Tack ED See Katz ME
Tacket RE; Ling D; Catalona WJ; et al: high
resolution sonography in diagnosing testicular
neoplasms: clinical significance of false positive
scans, (Radiology), 160: 558, 1986
Taconis WK; Mulder JD: fibrosarcoma and
malignant fibrous histiocytoma of long bones:
radiographic features and grading, (Radiology),
154: 558, 1985

Taconis WK; van Rijssel TG: fibrosarcoma of the jaws, (Skeletal Radiol), 15: 10, 1986

Taczanowsky P See Osbakken MD Tada K See Yonenobu K

Tada K See Yonenobu K
Tada S See Tsujimoto F
Tadavarthy SM; Castaneda-Zuniga WR;
Salomonowitz E; Lund G; Cragg AH;
Hunter D; Coleman C; Amplatz K: KimrayGreenfield vena cava filter: percutaneous
introduction. (Radiology), 151: 525. 1984
Tadavarthy SM; Coleman C; Hunter D; CastanedaZuniga WR; Amplatz K: dual stiffness Malecot
(Stamey) catheter, (Radiology), 152: 225, 1984
Tadmor R; Ravid M; Millet D; et al: computed
tomographic demonstration of choanal atresia,
(AJNR), 5: 743, 1984

Taecholarn C See Hoffman HJ
Taets van Amerongen AHM; Golding RP;
Veerman AJP: hypertrophic osteoarthropathy
in a young child with cytomegalovirus
pneumonia and the bare lymphocyte syndrome,
(Pediatr Radiol), 16: 257, 1986

Tague DF See Curry NS Tahara M See Nakao S Tai DL See Maruyama Y

Taillefer R; Beauchamp G; Duranceau AC; et al: nuclear medicine and esophageal surgery, (Clin Nucl Med), 11: 445, 1986

Taillefer R. Beauchamp G; Leveille J: comparative evaluation of technetium-99m glucoheptonate and gallium-67 citrate thoracic imaging in detection of mediastinal and hilar involvement in primary lung cancer, (Clin Nucl Med), 11: 15,

Taira RT See Kangarloo H Tajik AJ See Shina A

Takagi H; Tominaga Y; Uchida K; et al: comparison of imaging methods for diagnosing enlarged parathyroid glands in chronic renal failure, (JCAT), 9: 733, 1985

hashi H See Kim P

Takahashi H See Niakao N
Takahashi H See Nakao N
Takahashi J; Nagai T; Miyaishi K; et al: clinical
study of the radioprotective effects on
Amilostine (YM-08310, WR-2721) on chronic radiation injury, (Int J Radiat Oncol Biol Phys), 12: 935, 1986

12: 935, 1986
Takahashi M See Korogi Y
Takahashi M See Nakagawa N
Takahashi M See Takaki Y
Takahashi M See Yamashita Y
Takahashi M See Yamashita Y
Takahashi M See Yasunaga T
Takahashi M, Bussaka H, Miyawaki M:
stereoscopic DSA of the central nervous system,
(Neuroradiol), 28: 105, 1986
Takahashi M, Bussaka H, Miyawaki M:

(Neuroracioi), 28: 105, 1966 Ahashi M; Bussaka H; Miyawaki M; Higashida Y: stereoscopic technique in digital subtraction angiography, (Radiology), 157: 546,

Takahashi M; Miyawaki M; Bussaka H: development of a new universal neuroangiographic unit, (Neuroradiol), 28: 351, 1986

Takahashi M; Tsuchigame T; Tomiguchi S; et al: determination of left ventricular volumes with use of DSA density values, (Comput Radiol), 10:

1,1986
Takahashi S; Goto K; Fukasawa H; Kawata Y;
Uemura K; Suzuki K: computed tomography of
cerebral infarction along the distribution of the
basal perforating arteries, part I: striate arterial
group, (Radiology), 155: 107, 1985
Takahashi S; Goto K; Fukasawa H; Kawata Y;
Uemura K; Yaguchi K: computed tomography
of cerebral infarction along the distribution of
the basal perforating arteries, part II: thalamic

or tereoral marcton along the distribution of the basal perforating arteries, part II: thalamic arterial group, (Radiology), 155: 119, 1985 Takahashi T See Fujitani T Takaki Y; Takahashi M; Ueno S; et al: radiologic demo

Takakuwa H See Kudo M
Takamiya M See Yamaguchi T
Takamoto T; Popp RL: conduction disturbances related to the site and severity of mitral anular calcification: a 2-dimensional echocardiographic and electrocardiographic correlative study (Radiology), 151: 557, 1984 Takao A See Satomi G

Takara K See Kimura K Takashi M See Ohnishi K

Takashi M See Ohnishi K
Takashi M; Igarashi M; Hino S; Musha H;
Takayasu K; Arakawa M; Nakashima T;
Ohnishi K; Okuda K: esophageal varices:
correlation of left gastric venography and
endoscopy in patients with portal hypertension,
(Radiology), 155: 327, 1985
Takashima S See Nishimura M
Takashima S See Nishimura M

Takashima T See Hirose J Takashima T See Kitagawa K Takashima T See Matsui O Takashima T See Suzuki M Takatori Y See Iwaya T Takayasa K See Makuuchi M Takayasu K See Makuuchi M Takayasu K See Muramatsu Y Takayasu K See Takashi M

Takayasu K See Muramatsu Y
Takayasu K See Takashi M
Takayasu K; Moriyama N; Ishikawa T; et al: large
spontaneous intrahepatic arterioportal fistula
demonstrated by rapid sequential computed
tomographic scan. report of two cases,
(Radiology), 156: 863, 1985
Takayasu K; Moriyama N; Muramatsu Y; et al:
gallbladder infarction after hepatic artery
embolization, (AJR), 144: 135, 1985
Takayasu K; Moriyama N; Muramatsu Y; Goto H;
Shima Y; Yamada T; Makuuchi M; Yamasaki S;
Hasegawa H; Hojo K: intrahepatic venous
collaterals forming via the inferior right hepatic
vein in 3 patients with obstruction of the
inferior vena cava, (Radiology), 154: 323, 1985
Takayasu K; Moriyama N; Muramatsu Y; Shima Y;
Goto H; Yamada T; intrahepatic portal vein
branches studied by percutaneous transhepatic
portography, (Radiology), 154: 323, 1985
Takayasu K; Moriyama N; Muramatsu Y;
Suzuki M; Yamada T; Kishi K; Hasegawa H;
Okazaki N: hepatic arterial embolization for
hepatocellular carcinoma. comparison of CT
scans and resected specimens, (Radiology), 150:
661, 1984
Takayasu K; Moriyama N; Muramatsu Y;

661, 1984

Takayasu K; Moriyama N; Muramatsu Y;
Suzuki M; Ishikawa T; Ushio K; Matsue H;
Sasagawa M; Yamada T: splenic infarction, a
complication of transcatheter hepatic arterial
embolization for liver malignancies,
(Radiology), 151: 371, 1984

Takayasu K; Moriyama N; Shima Y; et al: atypical
radiographic findings in hepatic cavernous
hemangioma: correlation with histologic
features, (AJR), 146: 1149, 1986

Takayasu K; Muramatsu Y; Shima Y; Moriyama N; Yamada T; Makuuchi M: hepatic lobar atrophy following obstruction of the ipsilateral portal vein from hilar cholangiocarcinoma, (Radiology), 160: 389, 1986 Takayasu K; Shima Y; Muramatsu Y; et al: angiography of small hepatocellular carcinomas analysis of 105 resected tumors, (AJR), 147: 525,

Takeda J See Machi J Takemoto K See Inoue Y Takenaka H See Nakao K

Taki J; Tonami N; Aburano T; et al: detection of urinary extravasation by delayed technetium-99m DTPA renal imaging, (Clin Nucl Med), 11: 523, 1094 583, 1986

Taki N See Kozlowski K
Taki W; Handa H; Miyake H; et al: new detachable balloon technique for traumatic carotid-cavernous sinus fistulae, (AJNR), 6: 961,

Takiff H See Lois JF

Takiff H See Lois JF
Takizawa K See Suzuki S
Tal A; Maor E; Bar-Ziv J; et al: fatal desquamative
interstitial pneumonia in three infants siblings,
(Radiology), 154: 561, 1985
Tal Y See Lanir A
Talbert JL See Moazam F
Talbot GH See Gefter WB
Talenti E See Rubaltelli L
Tallante BH, See K-tsbarg BW

Talents RH See Katzberg RW
Tallents RH See Katzberg RW
Tallents RH See Miller TI.
Talley MA, Nguyen DL; Leonard JC: hepatic
hemangioma: diagnosis by emission computed
tomography. (Clin Nucl Med), 11: 49, 1986
Tallegren IG See Paimela H
Think No Con Talenard H

Tallroth K See Telaranta T Tally FP See Bartlett JG

Tally FF See Bartlett JG
Talmachoff P See Dominguez R
Talner LB See Pollen JJ
Talner LB See Reznek RH
Talpos G See Strodel WE
Tamada A; Makimoto K; Okawa M; et al: olfactory
neuroblastoma: presentation of a case and
review of the Japanese literature, (Radiology),
153: 277, 1984

Tamaki N See Hayashi N Tamaki N See Senda M

Tamaki N See Senda M
Tamaki N; Mukai T; Ishii Y; et al: clinical
evaluation of \*\*\*Te-pyrophosphate myocardial
emission computed tomography: comparison
with planar imaging, (Radiology), 154: 570, 1985
Tamarozzi R See Scutellari PN
Tamas DE; Mahony BS; Bowie JD; et al: prenatal
sonographic diagnosis of hemifacial microsomia
(Goldenhar-Gorlin syndrome), (J Ultrasound
Med), 5: 461, 1986
Tamburrini O; Bartolomeo-De Luri A; Palecondal

Tamburrini O; Bartolomeo-De Iuri A; Palescandolo P; et al: Hirschsprung's disease and asymptomatic malrotation: rare association, (Pediatr Radiol), 16: 250, 1986

Taminiau AHM See Bloem JL Tamin A See Bistritzer T
Tampieri D See Scotti G
Tamura K See Kosuda S
Tamura S See Hasuo K
Tan AHS See Tortolani EC
Tan WS See Michael AS Tan WS See Otto R Tan WS See Wilbur AC

Tan WS; Spigos DG: sciatic nerve block under fluoroscopic guidance, (Cardiovasc Intervent Radiol), 9: 59, 1986

Radiol), 9: 59, 1986

Tan WS; Wilbur AC; Spigos DG; et al: cystic mural nodule in cerebellar hemangioblastoma: CT demonstration, (JCAT), 8: 1175, 1984

Tan WS; Wilbur AC; Spigos DG: postmyelographic CT evaluation of multiple blocks due to metastases, (JCAT), 9: 979, 1985

Tanada S See Nishimura K

Tanada S A See Elsha MB

Tanado S See Nishimura K Tanagho EA See Fisher MR Tanagho EA See Hricak H Tanaka C See Naruse S Tanaka H See Nakao S Tanaka H See Nishitani H Tanaka M See Yoshimoto H Tanaka M See Yoshimoto H

Tanaka M See Yoshimoto H
Tanaka O; Obsawa T: POEMS syndrome: report of 3
cases with radiographic abnormalities,
(Radiology), 155: 851, 1985
Tanaka S See Hishikawa Y
Tanaka S; Kitamura T; Kasugai H; et al: early
diagnosis of hepatocellular carcinoma:
usefulness of ultrasonically guided fine-biopsy
aspiration biopsy, (ICU), 14: 11, 1986
Tanaka Y; Hara H; Momose G; et al: proatlantal
intersegmental artery and trigeminal artery
associated with an aneurysm. case report,
(Radiology), 152: 259, 1984
Tanassecu DE See Brachman MB
Tanassescu DE See Bunker SR
Tancinco BF See Maathman TJ

Tancinco BF See Maatman TJ
Tang RA See Charnsangavej C
Tang RA; Grotta JC; Lee F; et al: chiasmal syndrome
in sarcoidosis, (Radiology), 151: 824, 1984

Tang

Tang WW See Radin DR Tang VV See Wu E-h
Tang Y-s See Wu E-h
Tang-Barton P See Salimi Z
Tang-Barton P See Vas W
Tani E See Maeda Y
Tani E See Matsumoto T Tanimoto M See Todo Y
Tankel JW; Galasko CSB: adenocarcinoma of small bowel in a 12-year-old girl, (Radiology), 155: 277, 1985 Tanne D See Epstein BM Tanne D See Epstein BM
Tanner JM; Landt KW; Cameron N; et al: prediction
of adult height from height and bone age in
childhood, (Radiology), 152: 853, 1984

Tanner MA See Besch GJ
Tannir N; Riggs S; Velasquez W; et al:
hypercalcemia, unusual bone lesions, and
human T-cell leukemia—lymphoma virus in
adult T-cell lymphoma, (Radiology), 156: 565,
1985 Tanohata K; Noda M; Katoh H; et al: chondroblastoma of temporal bone, (Neuroradiol), 28: 367, 1986 Tansey LA; Shanberg AM; Syed AMN; et al: treatment of prostatic carcinoma by pelvic lymphadenectomy, temporary irifum-192 implant, and external irradiation, (Radiology), 151: 278, 1984 Tantana S See Pilla TJ Tantana S See Pilla TJ
Tantana S See Wolverson MK
Tantana S Pilla TJ; Luisiri A: computed
tomography of acute spinal subdural hematoma,
(ICAT). 10: 891, 1986
Tan-Tjiong HL See Wenting GJ
Tantu JI See Sipponen JT
Tao LC See Weisbrod GL
Tapper D See Perlmutter DH
Tapson JS; Owen JP; Robson RA; et al:
compensatory renal hypertrophy after donor
nephrectomy, (Radiology), 157: 564, 1985
Tarantino L See Giorgio A
Tarasov E See Rozenbilt G
Tarawneh M See Malkawi H Tarawneh M See Malkawi H Tarcan Y See Gonzalez AC Tardy G; Giudicelli G; Raybaud CH; et al: comparative value of neuroradiological examinations in the preoperative stage of posterior fossa tumors, (Radiology), **151**: 266 1984 Tarico V: Smith WL: Altmaier E: Franken EA: VanVelzen D: critical incident interviewing in evaluation of resident performance, (Radiology), 152: 327, 1984 Tarkington JA See Mikhael MA Tarlow MJ See Parker MJ Tarlton M See Templeton AW Tarr RW See Carter MM Tarr RW See Mitchell MR

Tarr RW See Mitchell MK
Tarr RW See Pusey E
Tarr RW; Page DL; Glick AG; et al: benign
hemangioendothelioma involving posterior
mediashnum: CT findings, (JCAT), 10: 865, 1986
Tarry WF See Rosenberg HK larry WF See Rosenberg HK
Tarshis A See Heiss FH
Tarshis A See Styles RA
Tartini R See Jenni R
Tarver RD See Godwin JD
Tarver RD; Godwin JD; Putman CE: diaphragm,
(Radiol Clin North Am), 22: 615, 1984

(Radiol Clin North Am), 22: 615, 1984

Tarver RD; Richmond BD; Klatte EC; cerebral
metastases from lung carcinoma: neurological
and CT correlation. work in progress,
(Radiology), 153: 689, 1984

Tarver RD; Tsai J; Hedlund LW; et al: regional
pulmonary distribution of iodine-125-labeled
oleic acid: its relationship to the pattern of oleic
acid edema and pulmonary blood flow, (Invest
Radiol), 21: 102, 1986

Tasciyan T; See Rohman SA

acid edema and pulmonary glood flow, (invest Radiol), 21: 102, 1986

Tasciyan T See Bobman SA

Tash RR, Weingarten Mr, Geller M: alternative technique for double-contrast esophagography (technical note), (AJR), 147: 266, 1986

Tash RR, Weitzner I Jr: acute intervertebral gas following vertebral fracture: CT demonstration, (ICAT), 10: 707, 1986

Tashiro S See Nakakuma K

Tashijan J See Notman DNH

Taskos N See Karacostas D

Tate CF III; Wilkov HR; Lestrange NR;

Gardiner HP; Stein KR: outpatient lumbar myelography: initial results in 79 examinations using a low-dose metrizamide technique. (Radiology), 157: 391, 1985

Tate T, Brace JA; Morgan H; et al: conformation therapy: method of improving the tumour treatment volume ratio, (Clin Radiol), 37: 267, 1986

Tateno Y See Ebara M Tator CH See Willinsky RA

Tator CH; Edmonds VE: national survey of spinal injuries in hockey players, (Radiology), 154: 279,

Tatra G See Berneschek G Tatsuta M See Iishi H Tatsuta M See Kasugai H

Tatsuta N See Minami K Tatum J See Merz T

Tatum J. See Merght TP
Tatum JL. See Wright TP
Tatum JL. Burke TS; Hirsch JI; et al: pitfall to
modified in vivo method of technetium-99m red
blood cell labeling, iodinated contrast media,
(Radiology), 153: 282, 1984
Tauber C See McCarthy S

Tauber T; Starinsky R; Varsano D: ultrasonographic and computed tomographic diagnosis of benign masseteric hypertrophy, (Pediatr Radiol), 16: 238, 1986

Taucer F; Bach D; Olutola PS: barium gun for use in enteroclysis, (Gastrointest Radiol), 11: 203, 1986 Taus RH See Boxt LM

Taus RH; McCarthy SJ: immobilization for pediatric ultrasonography, (J Ultrasound Med), 5: 53, 1986

Tauxe WN: determination of glomerular filtration rate by single-plasma sampling technique following injection of radioiodinated diatrizate, (J Nucl Med), 27: 45, 1986

Taveras JM See Aaron JO

Taveras JM See Bachow TB Taveras JM See Bauman RA Taveras JM See Hesselink JR Taveras JM See Meyer JE Taveras JM See Widder DJ

Taves DH: acquired cystic disease of the kidney in patients on hemodialysis, (J Canad Assoc Radiol), 37: 161, 1986

Tavitian A See Farman J Taxy JB See Marshall FF Tay JSH See Yip WCL Taylor A Jr See Alazraki NP Taylor A Jr See Bedont R Taylor A Jr See Datz FL Taylor A Jr See Fortner A Taylor A Jr See Kipper MS Taylor A Jr See Wu F

Taylor A Jr. See Wu F
Taylor A Jr., Akiya F., Gregory MC: failure to
visualize acutely injured kidneys with
technetium-99m DM5A does not preclude
recoverable function. (J Nucl Med), 27: 377, 1986
Taylor A Jr.; Eshima D; Fritzberg AR; et al:
comparison of iodine-131 OH1 and technetium99m MAG, great imaging in volunteers, (J Nucl
Med), 27: 795, 1986

Taylor A Jr; Kipper M; Witztum K: calculation of relative glomerular filtration rate and correlation with delayed technetium-99m DMSA imaging, (Clin Nucl Med), 11: 28, 1986

Taylor A Jr; Lallone R: differential renal function in unilateral renal injury: possible effects of radiopharmaceutical choice, (Radiology), 158: 569, 1986

Taylor AT See Cook PS Taylor AT See Wesselius LJ Taylor B See Ho CS Taylor C See Cowen AR Taylor CR See Taylor KJW

Taylor CR; Lawson JP: periostitis and osteomyelitis in chronic drug addicts, (Skeletal Radiol), 15: 209, 1986

Taylor CR; Rosenfield AT: limitations of computed tomography in the recognition of delayed splenic rupture, (JCAT), 8: 1205, 1984

Taylor CR; Taylor KJW: malignant ovarian teratomas, (Clin Diagn Ultrasound), 15: 61, 1984 Taylor DJ See Oberhaensli RD

Taylor DJ; Styles P; Matthews PM; et al: energetics of human muscle: exercise-induced ATP depletion, (Magn Res Med), 3: 44, 1986 Taylor DN See Cassar-Pullicino VN

Taylor GA See Blickman JG Taylor GA; Jordan CE; Dorst SK; Dorst JP:

polycarpaly and other abnormalities of the wrist in chondroectodermal dysplasia: the Ellis-van Creveld syndrome, (Radiology), **151**: 393, 1984

Creveld syndrome. (Radiology). 151: 393, 1984

Taylor GA; Lebowitz RL: artificial urinary
sphincters in children: radiographic evaluation,
(Radiology), 155: 91, 1985

Taylor GA; Lotze A; Kapur S; Short BL: diffuse
pulmonary opacification in infants undergoing
extracorporeal membrane oxygenation: clinical
and pathologic correlation, (Radiology), 161:
347, 1986

347, 1986
Taylor GA, Nancarrow PA; Hernanz-Schulman M; et al: plain abdominal radiographs in children with inflammatory bowel disease, (Pediatr Radiol), 16: 206, 1986
Taylor GA, Shea N; O'Brien T; et al: osteoid osteoma: localization by intraoperative magnification scintigraphy, (Pediatr Radiol), 16: 313, 1986

Taylor GA; Short BL; Kriesmer P: extracorporeal membrane oxygenation: radiographic appearance of the neonatal chest, (AJR), 146: 1257, 1986

Taylor GJ See Moses HW Taylor JF See Turner A Taylor IS See White MA

Taylor KH See Frederick PR Taylor KJW See Chow PP Taylor KJW See Falkoff GE Taylor KJW See Freeman MP Taylor KJW See Kremkau FW Taylor KJW See Morse SS Taylor KJW See Rigsby CM Taylor KJW See Romero R Taylor KJW See Taylor CR

Taylor KJW See Weltin G Taylor KJW, Berns PN; Woodcock JP; Wells PNT: blood flow in deep abdominal and pelvic vessels: ultrasonic pulsed-Doppler analysis, (Radiology), 154: 487, 1985 Taylor KJW; Morse SS; Weltin GG; Riely CA;

ylor KJW; Morse SS; Weltin GG; Riely CA; Flye MW: liver transplant recipients: portable duplex US with correlative angiography, (Radiology), 159: 357, 1986 ylor KJW; Riely CA; Hammers L; Flax S; Weltin GG; Garcia-Tsao G; Conn HO; Kuc R; Barwick KW; quantitative US attenuation in normal liver and in patients with diffuse liver disease: importance of fat, (Radiology), 160: 65, 1986

Taylor KJW; Taylor CR: pancreas, (Clin Diagn Ultrasound), 14: 299, 1984 Ultrasound), 14: 299, 1984 Taylor KW See Holloway AF Taylor RE; Duncan W; Parker AC: case report: bilateral testicular plasmacytoma, (Clin Radiol), 37: 293, 1986

37: 293, 1986
Taylor RF See Lakhani ZM
Taylor SB See Eisenberg RA
Taylor SB; Quencer RM; Holzman BH; Naidich TP:
central nervous system anoxic-ischemic insult in
children due to near drowning, (Radiology), 156: 641, 1985

Taylor WF See Fontana RS Taylor WH See Gimlette TMD Tchang SP See Habbick BF Teal JS See Iko BO

Teal JS See Iko BO

Teasdale E See Macpherson P: incidence of side effects following direct puncture cervical myelography. bed rest vs. normal mobility. (Radiology), 151: 267, 1984

Teasdale E; Teasdale G; Mohsen F; et al: high-resolution computed tomography in pituitary microadenoma: is seeing believing?, (Clin Radiol), 37: 227, 1986

Teasdale G See Teasdale E

Teather D See Morton BA

Teasdate G See Teasdate E
Teather D See Morton BA
Tech B See Cassar-Pullicino VN
Teefey SA; Stephens DH; James EM; et al:
computed tomography and ultrasonography of
hepatoma, (Clin Radiol), 37: 339, 1986

Teefey SA; Stephens DH; Sheedy PF II: CT appearance of primary pancreatic lymphoma, (Gastrointest Radiol), 11: 41, 1986

Teele RL See Barth RA
Teele RL See DiPietro MA Teele RL See Henschke CI Teele RL See Hernanz-Schulman M Teele RL See Hoffer FA
Teele RL See Krensky AM
Teele RL See Madigan SM
Teele RL See Newman B

Teele RL See Perlmutter DH Teele RL See Rosenbaum DM

Teele RL See Wood BP
Teele RL See Wood BP
Teele RL; Henschke CI: pediatrics: ultrasonography
in the evaluation of 482 children with an
abdominal mass, (Clin Diagn Ultrasound), 14: 141, 1984

141, 1984
Tegtmeyer CJ See Burke JW
Tegtmeyer CJ: See Steiner RM
Tegtmeyer CJ: coronary arteriography: a practical approach, (Radiology), 151: 364, 1984
Tegtmeyer CJ; Kellum CD; Ayers CR: percutaneous transluminal angioplasty of the renal artery: results and long-term follow-up, (Radiology), 153: 77, 1984

153: 77, 1984
Tegtmeyer CJ; Kellum CD; Jenkins A;
Gillenwater JY; Way WG; Barr J; Piros G;
Springer R; Lippert MC; Wyker AW:
extracorporeal shock wave lithotripsy:
interventional radiologic solutions to associated
problems, (Radiology), 161: 587, 1986
Tegtmeyer CJ; Kellum CD; Kron IL; Mentzer RM
Ir: percutaneous transluminal angionlasty in the

Jr: percutaneous transluminal angioplasty in the region of the aortic bifurcation: the two-balloon technique with results and long-term follow-up study, (Radiology), 157: 661, 1985

study, (Radiology), 157: 661, 1985
Tegtmeyer CJ; Kofler TJ; Ayers CR: renal
angioplasty: current status, (AJR), 142: 17, 1984
Tegtmeyer CJ; Sos TA: techniques of renal
angioplasty, (Radiology), 161: 577, 1986
Tehranzadeh J; Gabriele OF: prone position for CT
of the lumbar spine, (Radiology), 152: 817, 1984
Tei C See Boltwood CM
Tei C See Worn, M.

Tei C See Wong M Tei C; Sakamaki T; Shah PM; et al: mitral valve prolapse in short-term experimental coronary occlusion: a possible mechanism of ischemic mitral regurgitation, (Radiology), **151**: 557, 1984 Tei C; Shah PM; Cherian G; et al: echocardiographic evaluation of normal and prolapsed tricuspid valve leaflets, (Radiology), 152: 563, 1984

Teichgraeber J See Henderson LT Teichholz LE See Ambrose JA

Teixidor HS; Novick GS; Rubin E: pulmonary complications in burn patients, (Radiology), 153: 265, 1984

Tejani N; Rebold B; Tuck S; et al: obstetric factors in the causation of early periventricular-intraventricular hemorrhage, (Radiology), 155:

FOST, 1703.
FEKOISTE KA; Bennett FC; Mack LA: follow-up of infants receiving cranial ultrasound for intracranial hemorrhage, (Radiology), 156: 857, 1985.

Telander RL See Kaufman BH
Telaranta T; Solonen KA; Tallroth K; et al: bone
cysts containing silicone particles in bones
adjacent to a carpal silastic implant, (Radiology),
154: 556, 1985

Telepak RJ; Hartshorne MF; Bauman JM; et al: rectus femoris muscle bone-image uptake in a sprinter, (Clin Nucl Med), 11: 365, 1986

Telepak RJ; Hartshorne MF; Cawthon MA; et al: prominent confluence of the straight and transverse sinuses: potential pitfall in the interpretation of tomographic brain scans, (Clin Nucl Med), 11: 366, 1986

Tellis CJ See Bennett LL Tempesta P See Rossi P

Tempkin A; Sullivan G; Palde J; et al: radioisotope renography in spinal cord injury, (Radiology), 156: 571, 1985

Tempkin D See Clair MR

Templeton AW See Cox GG
Templeton AW; Dwyer SJ III; Johnson JA;
Anderson WH; Hensley KS; Lee KR;
Rosenthal SJ; Preston DF; Batnitzky S:
implementation of an on-line and long term
digital management system, (Radiographics), 5:
121-1085. 121, 1985

121, 1985

Templeton AW; Dwyer SJ III; Johnson JA;
Anderson WH; Hensley KS; Rosenthal SJ;
Lee KR; Preston DF; Batnitzky S; Price HI: online digital image management system,
(Radiology), 152: 321, 1984

Templeton AW; Johnson JA; Anderson WH;
Cook LT; Dwyer SJ III; Preston DF; Lee KR;
Rosenthal SJ; Batnitzky S; Levine E;
Tarlton M: computer graphics for digitally
formatted images. (Radiology), 151: 527, 1984

Templeton J See Rosenberg HK

Templeton J See Rosenberg HK Templeton PA; Gellad FE; Wood C: computed

rempieton rA; Gellad FE; Wood C: computed tomography of metastatic chondrosarcoma to the brain. (JCAT), 9: 829, 1985 Templeton PA; Pais SO: renal artery occlusion in PAN, (Radiology), 156: 308, 1985 ten Berg RGM See Ginai AZ

ten Cate F See Meltzer RS

Teng MMH; Destouet JM; Gilula LA; Resnick D; Hembree JL; Oloff LM: ankle tenography: a key to unexplained symptomatology. part I: normal tenographic anatomy, (Radiology), 151: 725, 1042

57.5, 1704

Feng MMH; Murphy WA; Gilula LA; Destouet JM;
Edelstein G; Monsees B; Totty WG; elbow
arthrography: a reassessment of the technique,
(Radiology). 153: 611, 1984

Teng SS See Healy ME
Teng SS See Meals AM

Teng SS See Kaplan AW ten Kate FJW See Ginai AZ

Tennenhouse DJ See Spring DB
Tenner MS See Fakhry J
Tenner R; Dietz K: initial experiences with a new

sterox -ray technic in general radiology, (Radiology), 157: 852, 1985

Tennvall J; Biorklund A; Moller T; et al: prognostic factors of papillary, follicular and medullary carcinomas of the thyroid gland, (Radiology), 158: 575, 1986

Tenzel RR See Custer PL

Teodori JB; Painter MJ: basilar impression in children, (Radiology), 157: 282, 1985 Teodori L See Mauro F

reduct L See Madro F Teplick JG; Haskin ME: intravenous contrast-enhanced CT of the postoperative lumbar spine: improved identification of recurrent disk herniation, scar, arachnoiditis, and diskitis, (AJNR), 5: 373, 1984

Teplick JG; Haskin ME: intravenous contrastenhanced CT of the postoperative lumbar spine: improved identification of recurrent disk herniation, scar, arachnoiditis, and diskitis, (AIR), 143; 845, 1984

Teplick JG; Haskin ME: spontaneous regressior herniated nucleus pulposus, (AJNR), 6: 331,

Teplick JG; Laffey PA; Berman A; et al: diagnosis and evaluation of spondylolisthesis and/or spondylolysis on axial CT, (AJNR), 7: 479, 1986

Teplick S See Chaise LS Teplick SK See Brandon J Teplick SK See Bronen RA Teplick SK See Butch RI

Teplick SK See Glick SN

Teplick SK See Harding JA

Teplick SK See Haskin PH

Teplick SK See Laffey PA

Teplick SK See Mueller PR

Teplick SK See Sammon JK Teplick SK See Schwab FJ

Teplick SK See Whiteman MS

Teplick SK; Haskin PH: monooctanoin perfusion for in vivo dissolution of biliary stones: a series of 11 patients, (Radiology), 153: 379, 1984 Teplick SK; Haskin PH: solution to a knotty biliary drainage problem, (Br J Radiol), 59: 511, 1986 Teplick SK; Haskin PH; Pavlides CA; et al:

percutaneous transcholecystic cholangiography: experimental study, (AJR), 144: 1059, 1985

experimental study, (AJR), 144: 1007, 1703 Teplick SK; Haskin PH; Sammon JK; Clearfield HR; Borowsky LM; Gambescia RA; Zitomer N; Goldstein RC: common bile duct obstruction: assessment by transcholecystic cholangiography, (Radiology), 161: 135, 1986 Tepper JE See Suit HD

Tepper JE: adjuvant irradiation of gastrointestinal malignancies: impact on local control and tumor cure, (Int J Radiat Oncol Biol Phys), 12: 667, 1986

Tepperberg J See Axelrod FB Tepperman BS See Fitzpatrick PJ Tepperman PS See Kirsh JC Terabayashi H See Ohnishi K Terasawa R See Hirano M

TerBrugge KG See Lasjaunias P Teresi LM See Hesselink JR

Terhorst LL: national survey of computed tomography unit capacity: an update. special report, (Radiology), 153: 207, 1984 Terhune DW; Petrochko N Jr; Jordan GH; et al:

Ogilvie's syndrome developing after ethanol ablation of renal cell carcinoma, (Radiology), 157: 280, 1985

terMeulen D See Mitchell DG

terPenning BJ; Cheng HM; Barnett P; et al: MR imaging of enucleated human eyes at 1.4 tesla, (JCAT), 10: 551, 1986

Ter-Pogossian MM; Herscovitch P: radioactive oxygen-15 in the study of cerebral blood flow, blood volume, and oxygen metabolism, (Semin Nucl Med), 15: 377, 1985

Terrier F See Becker CD Terrier F See Hricak H

Terrier F; Becker CD; Triller JK: morphologic aspects of hepatic abscesses at computed tomography and ultrasound, (Radiology), 151: 830, 1984

Terrier F; Hricak H; Justich E; et al: diagnostic value of renal cortex-to-medulla contrast on magnetic resonance images, (Eur J Radiol), 6: 121, 1986 Terrier F; Raveh J; Burckhardt B: conventional

tomography and computed tomography for the diagnosis of fronto-based fractures, (Radiology), 154: 566, 1985

Terrier F; Revel D; Hricak H; et al: changes in proton relaxation times of the rat spleen during adjuvant-induced immunologic reaction, (Invest Pariol) 21, 221, 198 (Invest Radiol), 21: 221, 1986

Terrier F; Revel D; Reinhold CE; et al: contrastenhanced MRI of periarticular soft-tissue changes in experimental arthritis of the rat, (Magn Res Med), 3: 385, 1986

Terrier F; Schapria C; Fuchs WA: CT assessment of operability in carcinoma of the oesophagogastric junction, (Radiology), **154**: 567, 1985

Terrier F; Weber W; Ruefenacht D; et al: anatomy of the e:hmoid: CT, endoscopic, and macroscopic, (AJNR), 6: 77, 1985

Terry B See Gross SC

Terry PB, White RI Jr; Barth KH; et al: pulmonary arteriovenous malformations. physiologic observations and results of therapeutic balloon embolization, (Radiology), 150: 857, 1984

Tesic MM See Barnes GT Tesic MM; Sones RA; Morgan DR: single-slit digital radiography: some practical considerations, (AJR), 142: 697, 1984

Tesler AS See Ungerleider JT

Tesoro-Tess JD; Pizzocaro G; Zanoni F; et al: lymphangiography and computerized tomography in testicular carcinoma: how accurate in early stage disease?, (Radiology), 157: 850, 1985

Tessier G See Patriquin HB Tessier PL See Hemmy DC Testart MC See Stormorken H te Strake L See Falke THM

Tetley IJ See Burch WM

Teubner J; van Kaick G; Junkermann H; et al: 5 MHz realtime sonography of the breast—part 2: examination technique and diagnostic value, (Radiology), 159: 570, 1986

Teule GJJ See Van Zanten TEG

Tew JM Jr; Feibel JH; Sawaya R: brain tumors: clinical aspects, (Semin Roentgenol), 19: 115, 1984

Tew M; Waugh W: tibiofemoral alignment and the results of knee replacement, (Radiology), 158: 570, 1986

Tewfik HH See Corder MP Tewson TJ See Berridge MS
Thabault S See Monsaingeon V
Thach BT See Menon AP

Thacker J: investigations into genetic and inherited changes produced by ultrasound, (Clin Diagn Ultrasound, 16: 67, 1985

Thakur MI. See Desai AG

Thakur ML See Desai AG
Thakur ML, Seifert CL; Madsen MT; et al:
neutrophil labeling: problems and pitfalls,
(Semin Nucl Med), 14: 107, 1984
Thames HD; Suit HD: tumor radioresponsivenes
versus fractionation sensitivity, (Int J Radiat
Oncol Biol Phys), 12: 687, 1986
Thames HD Jr See Travis EL
Thames HD Jr See Withers HP.

Thames HD Jr See Withers HR Thar TL See Jacobson HM Thar TL See Mendenhall NP Thatcher N See Lockton JA

Thatter N See Exciton JA
Thawley SE See Simpson JR
Thayer WR, Coutu JA; Chiodini RJ; et al: possible
role of mycobacteria in inflammatory bowel
disease. II. mycobacterial antibodies in Crohn's
disease, (Radiology), 156: 265, 1985
Thebaut AL See Bean WJ

Thebaut AL See Bean WJ
Theodore WH See Bairamian D
Theron J See Courtheoux P
Theron J; Cosgrove R; Melanson D; et al:
embolization with temporary balloon occlusion
of the internal carotid or vertebral arteries,
(Neuroradiol), 28: 246, 1986
Theron J; Cosgrove R; Melanson D; Ethier R: spinal
arteriovenous malformations: advances in
therapeutic embolization, (Radiology), 158: 163,
1986

Theron J; Villemure JG; Worthington C; et al: superselective intracerebral chemotherapy of malignant tumours with BCNU: neuroradiological considerations, (Neuroradiol), 28: 118, 1986

Theros EG See Choplin RH Thevenin P: first european seminar: contrast media in radiology. evaluation and perspective—a review, (Radiology), 151: 268, 1984

Thickman D See Choyke PL Thickman D See Mechlin M

Thickman D; Arger P; Tureck R; et al: sonographic assessment of the endometrium in patients undergoing in vitro fertilization, (J Ultrasound Med), 5: 197, 1986

Thickman D; Axel L; Kressel HY; et al: magnetic resonance imaging of avascular necrosis of the femoral head, (Skeletal Radiol), 15: 133, 1986

Thickman D; Kressel HY; Axel L: demonstration of pulmonary embolism by magnetic resonance imaging, (AJR), 142: 921, 1984
Thickman D; Mintz M; Mennuti M; et al: MR imaging of cerebral abnormalities in utero, (ICAT), 8: 1038, 1984

Thickman DI; Kundel HL; Biery D: magnetic resonance evaluation of hydronephrosis in the dog, (Radiology), 152: 113, 1984 Thickman DI; Ziskin MC; Goldenberg NJ; et al:

clinical manifestations of the comet tail artifact, (Radiology), 151: 835, 1984

Thickman Dl; Ziskin MC; Goldenberg NJ: effect of display format on detectability, (Radiology), 150: 616, 1984

Thiebot J See Clavier E Thiebot J See Deramond H Thieme GA See Fellmeth BD Thieme GA See Fleischer AC Thieme GA See James AE Jr Thieme GA See Kaufman AJ Thieme GA See Warner MA

Thieme GA See Warner MA
Their W; Schluter M; Krebber H-J; et al: cysts in left atrial myxomas identified by transesophageal cross-sectional echocardiography, (Radiology), 151: 558, 1984
Thijn CJP See den Heeten GJ

Injin CJP See den Heeten CJ Thijn CJP See van der Laan JG Thijn CJP; Hillen B: arthrography and the medial compartment of the patello-femoral joint, (Radiology), 154: 557, 1985 Thijssen JM: ultrasonic characterization: prospects of tumor diagnosis, (Radiology), 156: 863, 1985 Thind CR See Loughran CF

Thisse JY See Danchin N
Thoeni RF; Vandeman F; Wall SD: effect of glucagon on the diagnostic occuracy of double-contrast barium enema examinations, (AJR), 142: 111, 1984 Thomas AMK See Hind CRK

Thomas AMK; Carr DH: visibility of the renal fascia at intravenous urography, (Radiology), 154: 271, 1985

hmas AMK; Leung A; Lynn J: abdominal cystic lymphangiomatosis: report of a case and review of the literature, (Radiology), 157: 852, 1985

Thomas CM See Patel DV omas DGT; Anderson RE; du Boulay GH: CT-Thomas DCT; Anderson RE; du Boulay GH: CT-guided stereotactic neurosurgery: experience in 24 cases with a new stereotactic system, (Radiology), 152: 857, 1984

Thomas DGT; Davis CH; Ingram S; et al: stereotaxic biopsy of the brain under MR imaging control, (AJNR), 7: 161, 1986

Thomas DW See Greene D

Thomas EJ See Gately JF

Thomas FD See Gately JF

Thomas HA See Partoja E

Thomas M See Rush M

Thomas M See Rush M

Thomas M See Rush M
Thomas ML See Treweeke PS
Thomas ML; Bowles JN: descending phlebography
in the assessment of long saphenous vein
incompetence, (AJR), 145: 1255, 1985
Thomas ML; Bowles JN: incompetent perforating
veins: comparison of varicography and
ascending phlebography, (Radiology), 154: 619,
1985

Thomas ML; Keeling FP; Piaggio RB; et al: contrast agent induced thrombophlebitis following leg phlebography: iopamidol versus meglumine iothalamate; (Radiology), 153: 564, 1984

Thomas ML; Treweeke PS: intravenous digital subtraction arteriography: comparison of peripheral versus central contrast injection, (Br J Radiol), 59: 241, 1986

Thomas PRM See Stokes SH

Thomas PRM, Stablein DM; Kinzie JJ; et al: perineal effects of postoperative treatment for adenocarcinoma of the rectum, (Int J Radiat Oncol Biol Phys), 12: 167, 1986

Thomas R; Corner GA; Watson ER: modified Selectron vaginal applicator, (Br J Radiol), 59: 397, 1986

397,1986
Thomas RG See Fitzsimmons JR
Thomas RG See Sluis-Cremer GK
Thomas RJ See Giles DJ
Thomas RM See Berman L
Thomas SJ See Boyd KD
Thomas SR See Gelfand MJ
Thomas SR See Kereiakes JG
Thomas SR See Kereiakes JG
Thomas SR, Clark LC Jr; Ackerman JL; et al: MR
imaging of the lung using liquid
perfluorocarbons, (JCAT), 10: 1, 1986
Thomas WEG See Bullock PR
Thomas WEG See Bullock PR
Thomas WEG See Nakielny RA
Thomash W See Laffey KJ

Thomas WEG See Nakielny RA
Thomashow B See Laffey KJ
Thomason JL See Beckman CRB
Thommesen P See Christiansen T
Thompson OH See Leyden MJ
Thompson DJ See Fried AM
Thompson DJ See Fried AM
Thompson DL See Brown BSJ
Thompson El See Hayes FA
Thompson G See Somers S
Thompson G See Somers S
Thompson GF, Fitzgerald EF, Somers SS: retractile
mesenteritis of the sigmoid colon, (Radiology),
157: 565, 1985
Thompson GT: Stevenson GW: Somers SS: et al:

157: 565, 1985
Thompson GT; Stevenson GW; Somers SS; et al: distribution of gastric ulcers by double contrast barium meal with endoscopic correlation, (Radiology), 153: 267, 1984
Thompson HE: exposure of the human fetus to diagnostic ultrasound, (Ultrasound Med Biol), 12: 709, 1986

Thompson HE: exposure of the human fetus to diagnostic ultrasound, (Ultrasound Med Biol), 12: 709, 1986

Thompson J See Suss RA
Thompson JN See Gliston RN
Thompson JN See Gliston RN
Thompson JR See Bird CR
Thompson JR See Christiansen EL
Thompson JR See Christiansen EL
Thompson JR See Johnson DW
Thompson JR See Johnson DW
Thompson JR See Johnson DW
Thompson JR See Morris RE
Thompson JR, Christiansen EL; Hasso AN; et al:
dislocation of the temporomandibular joint disk demonstrated by CT, (AJNR), 5: 115, 1984
Thompson JR, Christiansen EL; Hasso AN;
Hinshaw DB Jr: temporomandibular joint cevaluation, (Radiology), 150: 105, 1984
Thompson JR, Christiansen EL; Sauser D; et al:
dislocation of the temporomandibular joints high-resolution computed tomographic evaluation, (Radiology), 150: 105, 1984
Thompson JR, Christiansen EL; Sauser D; et al:
dislocation of the temporomandibular joint meniscus: contrast arthrography vs. computed tomography, (AJNR), 5: 747, 1984
Thompson JR, Triolo PJ; Moore RJ; et al: CT
scanning phantom for normalization of infant brain attenuation, (AJNR), 5: 167, 1984
Thompson K See Villanueva-Meyer J
Thompson K See Villanueva-Meyer J
Thompson K See Villanueva-Meyer J
Thompson NW See Francis IR
Thompson NW See Francis IR
Thompson R See Stratemeir EJ
Thompson R See Stratemeir EI
Thompson See Stratemeir EI
Thompson R

morphometric measurement by ultrasonography, (Radiology), 150: 868, 1984

Thompson TT: laser applications in radiology, (Radiographics), 5: 627, 1985

(Radiographics), 5: 627, 1985
Thompson TT: metal image intensifier tubes,
(Radiographics), 4: 443, 1984
Thompson TT: on Rolls Royces and compacts (the pricing of radiographic equipment),
(Radiographics), 4: 327, 1984
Thompson TT; Gustafson RB: practical approach to modern imaging equipment. 2d ed.,
(Radiology), 159: 180, 1986
Thompson WM See Burbank FH
Thompson WM See Chan RH

Thompson WM See Burbank FH
Thompson WM See Cohan RH
Thompson WM See Halvorsen RA Jr
Thompson WM See Rice RP

Thompson WM See Rice RP
Thompson WM See Roberts L Jr
Thompson WM; Foster WL Jr; Halvorsen RA; et al:
iopamidol: new, nonionic contrast agent for
excretory urography, (AJR), 142: 329, 1984
Thompson WM; Halvorsen RA Jr; Foster WL
Jr; et al: optimal cholangiographic technique for
detecting bile duct stones, (AJR), 146: 337, 1986
Thompson WM; Halvorsen RA Jr; Foster WL
Jr; et al: preoperative and postoperative CT
staging of rectosigmoid carcinoma, (AJR), 146:
703, 1986
Thompson WR See Greene KM

703, 1986
Thompson WR See Greene KM
Thomson ABR; Keelan M; Cheeseman CI; et al:
fractionated low doses of abdominal irradiation
alters jejunal uptake of nutrients, (Int J Radiat
Oncol Biol Phys), 12: 917, 1986
Thomson GJL; Simpson CJ; Hansell DT; et al: early
diagnosis of acute gallbladder disease: the
accuracy of overnight eight-hour infusion
cholangiography, (Radiology), 155: 271, 1985
Thomson JW See Jacobson GM
Thomson KR See Alexander IA
Thorburn RJ See Stewart AL

Thorburn RJ See Stewart AL

Thorling K: gastric lymphomas. clinical features, treatment, and prognosis, (Radiology), 155: 559,

Thornburg AJ See Gross GW Thornbury JR: radiology of the kidney, (Radiology), 156: 602, 1985

Thornbury JR: radiology today, (Radiology), 153: 466, 1984

Thornbury JR; Campbell JA; Masters SJ; et al: skull fracture and the low risk of intracranial sequelae in minor head trauma, (AJNR), 5: 459, 1984

Thornbury JR; Stanley JC; Fryback DG: optimizing work-up of adult hypertensive patients for renal artery stenosis: observations about hypertensive urography, digital subtraction arteriography, and patient selection, (Radiol Clin North Am), 22: 333, 1984 Thorne DA See Datz FL

Thorner P See Cohen EK Thornton A See Bartram CI Thornton J See Chervenak FA Thorp P See Brown BSJ Thorpe A See Clements R Thorsen MK See Alpern MB Thorsen MK See Dodds WJ Thorsen MK See Goodman LR Thorsen MK See Lawson TL Thorsen MK See Vazquez JL

Thorsen MK; Goodman LR; Sagel SS; et al: ascending aorta complications of cardiac surgery: CT evaluation, (JCAT), 10: 219, 1986

orsen MK; Quiroz F; Lawson TL; Smith DF; Foley WD; Stewart ET: primary biliary carcinoma: CT evaluation, (Radiology), 152: 479,

Thorton CN See Wilkes TDI Thrall JH See Brown ML Thrall JH See Rabinovitch MA Thrall JH See Ziessman HA Threatt B See Schmitt EL

Thron A See Gawehn J
Thron A; Schroth G: magnetic resonance imagine
(MRI) of diastematomyelia, (Neuroradiol), 28: 371 1986

Thueroff JW See Mueller SC Thurer RL See Crivello MS Thuroff J See Riedmiller H

Thuroff JW, Alken P, Riedmiller H; et al: renal stone surgery using B-mode and Doppler ultrasonic scanning for stone localization and avascular nephrotomy, (Semin US CT MR), 6: 15, 1985

Tibbling L See Kjellen G
Tibboel D; Gaillard JLJ; Molenaar JC: importance
of mesenteric vascular insufficiency in
meconium peritonitis, (Radiology), 161: 858,

Tibbs PA See Maruyama Y Tice HL See Lewis JH Tidstrand J See Czermak H

Tiedeman J See Sternberg P Jr Tiedeman J See Sternberg P Jr Tietze P; Gratz KF; Hundeshagen H; gastric ulcer localization by direct in vivo labeling of sucrafate, (Radiology), 161: 569, 1986

Tihansky DP See Berman HL

Tihansky DP See Hafeez M

Tihansky DP See McNeil BJ
Tihansky DP; Lluncor E: computed tomography

Tihansky DP See Hafeez M
Tihansky DP, See McNeil BJ
Tihansky DP, Luncor E: computed tomography
follow-up of nonsurgical treatment for
hypersplenism, (CT), 10: 227, 1986
Tihansky DP, Reilly JJ; Schade RR; Van Thiel DH:
esophagus after injection sclerotherapy of
varices: immediate postoperative changes,
(Radiology), 153: 43, 1984
Tillapaugh-Fay G See Rosebrough SF
Tillisch JG See Brunken R
Tillisch JH See Schwaiger M
Timmons JH; Howard WH; Wright HR Jr:
esophageal speech: double-contrast evaluation
of the pharyngo-esophageal segment,
(Radiology), 160: 852, 1986
Tindall GT See Davis PC
Tines SC See Lee KR
Tinsley PP Jr See Conley J
Tio FO See Bova JC
Tio FO See Bava ZD
Tio FO See Palmaz JC
Tippett PA See Ackery DM
Tipton-Donovan A See Saksouk F
Tirman RM; Weber ER; Snyder LL; et al: midcarpal
wrist arthrography for detection of tears of the
scapholunate and lunotriquetral ligaments,
(AJR), 144: 107, 1985
Tischler R See Hasse A
Tischler R See Masse A
Tischler R See Wilson DA
Tisdale PL; Collier BD; Kauffman HM; et al: early
diagnosis of acute postoperative renal transplant
rejection by indium-111-labeled platelet
scintigraphy, () Nucl Med), 27: 1266, 1986
Tishler JM See Han SY
Tishler JM, Helman CA: Crohn disease of the
esophagus, (Radiology), 153: 560, 1984
Tisnado J See Baker KS
Tisnado J See Baker KS
Tisnado J See Boshinson JM
Tisnado J See Robinson JM
Tisnado J See Robinson

Tisnado J; Vines FS; Barnes RW; Beachley MC; Cho S-R: percutaneous transluminal angioplasty following endarterectomy, (Radiology), 152: 361, 1984

361, 1984
Tison JB See Dure-Smith P
Tiu S See Chandramouly BS
Tiu S; Klein B; Kramer EL; et al: renal uptake in liver scan, (Semin Nucl Med.), 16: 80, 1986
Tiu S; Kramer EL; Sanger JJ; et al: discordance

Tiwari RM See Vuyk HD

Tiwari RM See Vuyk HD
Tjellstrom 4, Svendsen P: abnormal venous
drainage simulating a glomus jugulare tumor,
(Radiology), 150: 293, 1984
Tjon-A-Tham RTO; Bloem JL; Falke THM; et al:
magnetic resonance imaging in Paget disease of
the skull, (AJNR), 6: 879, 1985
Tobes MC See Mangner TJ
Tobes MC See Shulkin BL
Tobian L See Gomes AS
Tobias L See Francis DA

Tobian I. See Gomes AS
Tobias J See Francis DA
Tobias J See Francis DA
Tobias JA See Fost MJD
Tobias JA, Sheldon JJ; Soila KP; Pomeranz SJ;
Garcia L: pulse selection chart for brain MR
imaging sequences, (Radiology), 157: 261, 1985
Tobias JS: radiotherapy and breast conservation, (Br
J Radiol), 59: 653, 1986
Tobcohnik N See Bramlet R
Tochner Z See Carmichael J
Tochner Z See Carmichael J
Tocino IM: pneumothorax in the supine patient:

Tocino IM: pneumothorax in the supine patient: radiographic anatomy, (Radiographics), 5: 557, 1985

Tocino IM; Miller MH; Fairfax WR: distribution of pneumothorax in the supine and semirecumbent critically ill adult, (AJR), 144:

Tocino IM; Miller MH; Frederick PR; et al: CT detection of occult pneumothorax in head trauma, (AJR), 143: 987, 1984

trauma, (AJR), 143: 987, 1984

Tocino IM; Watanabe A: impending catheter
perforation of superior vena cava: radiographic
recognition, (AJR), 146: 487, 1986

Todani T; Watanabe Y; Fujii T; et al: congenital
choledochal cyst with intrahepatic involvement,
(Radiology), 155: 850, 1985

Todani T; Watanabe Y; Mizuguchi T; et al:
congenital oesophageal stenosis due to
fibromuscular thickening, (Radiology), 155: 854,
1985

Todd MB; Portlock CS; Farber LR; et al: prognostic indicators in diffuse large-cell (histiocytic) lymphoma, (Int J Radiat Oncol Biol Phys), 12: 593, 1986

Todd TRJ See Cooper JD Todd TRJ See Pearson FG

Todes IV: ultrasound investigations at a general hospital. a 5-year survey at Ga-Rankuwa Hospital, Pretoria, (Radiology), 152: 868, 1984 Todesco S See Corbetti F

Todo A See Kudo M Todo G See Murata K

Todo G; Herman PG: high-resolution computed tomography of the pig lung, (Invest Radiol), 21: 689, 1986

Todo Y: Tanimoto M: Yamamoto T: et al: radionuclide assessment of peripheral hemodynamics: new technique for measurement of forearm blood volume and flow, [J Nucl Med), 27: 192, 1986

Toffol GJ See Biller J Togashi K See Itoh K Togashi K See Nakano Y Togashi K See Nishimura K

Togashi K See Nishimura K
Togashi K; Nishimura K; Itoh K; et al: computed tomography of hydrosalpinx following tubal ligation, (JCAT), 10: 78, 1986
Togashi K; Nishimura K; Itoh K; Fujisawa I; Asato R; Nakano Y; Itoh H; Torizuka K; Ozasa H; Mori T: uterine cervical cancer: assessment with high-field MR imaging, (Radiology), 160: 431, 1986
Togashi K; Nishimura K; Nakano Y; et al: cystic pedunculated leiomyomas of the uterus with unusual CT manifestations, (JCAT), 10: 642, 1986
Tolgi H See Kuroiwa Y
Toli A See Fitzgerald EI

Toi A See Fitzgerald EJ Toi A See Goldstein RB

Toi A See Ramsewak W
Toi A: human prenatal diagnosis, (Radiology), 161:
810, 1986

Toi A: principles and practice of ultrasonography in obstetrics and gynecology, 3d ed., (Radiology), 159: 106, 1986

Toka: 106, 1986

Toi A: unborn patient: prenatal diagnosis and treatment, (Radiology), 155: 664, 1985

Toivanen JT See Mantyla MJ

Tokarz RJ See Mantyla MJ

Tokarz RJ See Noz ME

Tokiguchi S; Ando K; Tsuchiya T; et al: fat in the dural sinus, (Neuroradiol), 28: 267, 1986

Tokunaga K See Kuroda C

Tokuyama K See Yumoto Y

Tolly E See Ebner F

Toma Y; Matsuda Y; Matsuzaki M; et al: determination of atrial size by esophageal echocardiography, (Radiology), 152: 563, 1984

Tomasin J See Griend RV

Tomas-Ridocci M See Moreo-Osset E

Tombolini Y; Banelli E; Capua A; et al: adiation

Tombolini V; Banelli E; Capua A; et al: radiation treatment of testicular relapse in acute lymphoblastic leukemia, (Acta Radiol [Oncol]), 25: 29, 1986

25: 29, 1986
Tomic R; Bergman B; Damber J-E; et al: effects of external radiation therapy for cancer of the prostate on the serum concentrations of testosterone, follicle-stimulating hormone, luteinizing hormone and prolactin, (Radiology), 151: 838, 1984

151: 838, 1984
Tomiguch IS See Takahashi M
Tominaga Y See Takagi H
Tomita S See Kudo M
Tomita T See Naidich TP
Tomita T; Galicich JH; Sundaresan N; radiation

therapy for spinal epidural metastases with complete block, (Radiology), 151: 279, 1984 Tomlinson JR See Miller KS

Tomlinson JR See Miller KS
Tomoda H; Hoshiai M; Furuya H; et al: evaluation
of intracardiac thrombus with computed
tomography. (Radiology). 150: 295, 1984
Tomsick TA; Ball JB Jr: balloons and coils: aids in
particulate! [liquid head-neck embolization,
(AJNR), 6: 598, 1985
Tonami N See Nakajima K
Tonami N See Nakajima K
Tonami N See Taki J
Tondreau RI. See Warren SR Jr

Tondreau RL See Warren SR Ir Tondreau Rt. See warren St. J. Tondreau Rt.: Egas Moniz, 1874–1955: father of cerebral angiography, father of psychosurgery, neurologist and psychiatrist, politician and diplomat, Nobel laureate, (Radiographics), 5: 994, 1985.

994, 1985
Tondreau RL: ventriculography and pneumoencephalography: contributions of Dr. Walter E. Dandy. (Radiographics), 5: 553, 1985
Tonge HM; Wladimiroff JW; Noordam MJ; et al: fetal cardiac arrhythmias and their effect on volume blood flow in descending aorta of human fetus, (JCU), 14: 607, 1986
Tonkin AK See Fitch SJ
Tonkin ILD See Gavant ML
Tonkin ILD See Macill HL

Tonkin ILD See Magill HL

Tonkin ILD: digital subtraction angiography in congenital heart disease, (Semin Roentgenol), 20: 283, 1985

Tonkin ILD; Fitch SJ; Magill HL; et al: pediatric digital subtraction angiography: intraarterial and intracardiac applications, (Pediatr Radiol), 16: 126, 1986 Tonkin ILD; Gold RE; Moser D; et al: evaluation of

Johkin H.D.; Gold RE; Moser D; et al: evaluation vascular rings with digital subtraction angiography. (AJR), 142: 1287, 1984
 Toohill RJ See Kun LE
 Topol Ej; Biern RO; Rietz BA: cardiac papillary fibroelastoma and stroke: echocardiographic diagnosis and guide to excision, (Radiology), 160: 286, 1986

166: 286, 1986
Torizuka K See Aoki J
Torizuka K See Audo M
Torizuka K See Rudo M
Torizuka K See Murata K
Torizuka K See Nishimura K
Torizuka K See Nishimura K
Torizuka K See Togashi K
Torkelson RD See Hahn FJ
Torner JC See Adams HP Jr
Torner JC See Sahs AL
Tornquist C; Holtas S: renal angiography with
iohexol and metrizoate, (Radiology), 150: 331,
1984

Torok N See Kumar A Torok N See Kumar A
Torp-Pedersen S See Juul J
Torp-Pedersen S See Karstrup S
Torres WE See Bernardino ME
Torres WE See Braun IF

Torres WE See Braun IF
Torres WE See Gedgaudas-McClees RK
Torres WE See Perkerson RB Jr
Torres WE; Clements JL Jr; Austin GE; et al:
cricopharyngeal muscle hypertrophy:
radiologic-anatomic correlation, (AJR), 142: 927, 1984

radiologic-aniabatic Christopher 1984

Torres WE; Whitmire LF; Gedgaudas-McClees K; et al: computed tomography of hepatic morphologic changes in cirrhosis of the liver, (JCAT). 16: 47, 1986

Tortolani EC; Tan AHS; Butchart S: percutaneous transluminal angioplasty. an ineffective approach to the failing vascular access, (Radiology), 153: 272, 1984

Tortora M See Chervenak FA

Torvaldsen S; McCauley J; Patel AS; et al: assessment of cervical carotid artery disease: comparison between the Doppler "echoflow" and conventional angiography, (Radiology), 158: 860, 1985

Tos M; Stangerup S-E; Hvid G: mastoid

ante Conventional angiography, (Katanobgy),
158: 860, 1986
Tos M; Stangerup S-E; Hvid G: mastoid
pneumatization. evidence of the environmental
theory, (Radiology), 158: 551, 1985
Tossi JE See El-Khoury GY
Toth Z; Csecsei K; Szeifert G; et al: early prenatal
diagnosis of cyclopia associated with
holoprosencephaly, (JCU), 14: 550, 1986
Totty WG See Amato M
Totty WG See Cunningham DA
Totty WG See Middleton WD
Totty WG See Middleton WD
Totty WG See Middleton WD
Totty WG See Murphy WA
Totty WG See Picus D
Totty WG See Picus D
Totty WG See Reinus WR Totty WG See Reinus WR Totty WG See Teng MMH

Totty WG See Teng MMH
Totty WG: radiographic evaluation of soft tissue
sarcomas, (Radiology), 157: 566, 1985
Totty WG; Murphy WA: pneumoarthrography: reemphasis of a neglected technique, (Radiology),
155: 549, 1985
Totty WG; Murphy WA; Ganz WI; et al: magnetic
resonance imaging of the normal and ischemic
femoral head, (A]R), 143: 1273, 1984
Totty WG; Murphy WA; Lee JKT: soft-tissue
tumors: MR imaging, (Radiology), 160: 135, 1986
Totty WG; Vannier MW: complex musculoskeletal
anatomy: analysis using three dimensional
surface reconstruction, (Radiology), 150: 173,
1984

surface reconstruction, (Radiology), 150: 173, 1984
Touche DH See Forhage BD
Toukan AU; Kamal MF; Amr SS; et al:
Gastroduodenal inflammation in patients with non-ulcer dyspepsia: controlled endoscopic and morphometric study, (Radiology), 157: 280, 1985
Touloukian RJ; Barkowitz RI: preoperative x-ray scoring system for risk assessment of newborns with congenital diaphragmatic hernia, (Radiology), 154: 561, 1985
Toups M See Hayden CK Jr
Tournade A See Courtheoux P
Toutant SM; Klauber MR; Marshall LF; et al: absent or compressed basal cisterns on first CT scan: ominous predictors of outcome in severe head injury, (Radiology), 155: 838, 1985
Tow DE See Edeburn GF
Towbin R B See Ball JB Jr
Towbin RB See Ball JB Jr
Towbin RB See Ball JB Jr
Towbin RB See Ball See B

Towbin RB See Bisset GS Towbin RB See Kaufman RA
Towbin RB See Pomeranz SJ
Towbin RB See Seidel FG
Towbin RB See Strife JL

Towbin RB; Bisset GS: pediatric case of the day, annual meeting, 1985, (Radiographics), 6: 1100, 1986

Towbin RB; Han BK; Kaufman RA; Burke M: postseptal cellulitis: CT in diagnosis and management, (Radiology), 158: 735, 1986

Towbin RB; Strife JL: percutaneous aspiration, drainage, and biopsies in children, (Radiology), 157: 81, 1985

157: 81, 1985
Towney B See Gajjar B
Towney B See Gajjar B
Towne JB See Foley WD
Townsend RR; Laing FC; Nyberg DA; Jeffrey RB Jr;
Wing VW: technical factors responsible for
"placental migration": sonographic assessment,
(Radiology), 160: 105, 1986
Towsley M See Wahner HW
Toyama H See Hosoba M
Tozzi JE See El-Khoury GY
Tescay P Seo Clark RL

Tracey P See Clark RL Tracey P See Hillman B Trafton P See Wing VW Trahey GE See Smith SW

Train JS See Smith SW
Train JS See Dan SJ
Train JS; Dan SJ; Mitty HA: percutaneous
transhepatic hyperalimentation for patients
with biliary drainage catheters, (AJR), 144: 255,

1985
Trainite G See Fabris D
Traisman ES; Conway JJ; Traisman HS; et al:
localization of urinary tract infection with \*\*PowTc
glucoheptonate scintigraphy, (Pediatr Radiol),
16: 403, 1986

Linear LIS Con Traisman ES

Traisman HS See Traisman ES

Traisman HS See Traisman ES
Trajan M See Logus JW
Tramonti M See Parisi L
Trapnell DH: design, dynamic, and deduction: a
radiologist looks at the human lung,
(Radiology), 152: 549, 1984
Trasimeni A See Gentili P
Traughber PD; Manaster BJ; Murphy K; et al:
negative bone scans of joints after aspiration or
arthrography: experimental studies, (AJR), 146:
87, 1986
Traverse L See Wilson RD

87, 1986

Traverse L See Wilson RD

Travis EL; Thames HD Jr; Tucker SL; et al:
protection of mouse jejunal crypt cells by WR271 after small doses of radiation, (Int J Radiat
Oncol Biol Phys), 12: 807, 1986

Treacher DF; Chapman JR; Nolan DJ; et al: irritable
bowel syndrome: is a barium enema necessary?,
(Clin Radiol), 37: 87, 1986

Treco F See Passariello R

Tredaniel J See Buchet R

Treese N See Kasper W

Tredanie J See Buchet R
Treese N See Kasper W
Trefler M: inside the multiformat camera,
(Radiographics), 4: 785, 1984
Treiber EO See Raleigh JA
Treisch J See Schorner W
Treisch J See Weiss T
Trembley CA See Weaver KE
Trenkner SW See Agha FP
Trenkner SW See Levine MS
Tress BM; Davis S; Lavain J; et al: incremental
dynamic computed tomography: practical
method of imaging the carotid bifurcation,
(AJNR), 7: 49, 1986
Tress BM; Thompson KR; ApSimon HT; et al:

(AJNR), 7: 49, 1986
Tress BM; Thompson KR; ApSimon HT; et al:
treatment of caroticocavernous fistulae with
detachable balloons introduced by percutaneous
catheterization, (Radiology), 150: 288, 1984
Treu EBWM; de Slegte RGM; Golding RP; et al: CT
findings in paravertebral synovial sarcoma,
(JCAT), 10: 460, 1986
Treugut H See Heuré EHW

Treugut H See Heuck FHW Treugut H See Huebener K-H

Treugu H See Huebener K-H
Treves S See Papanicolaou N
Treves ST See Blickman JG
Trevisani F See Bolondi L
Treweeke PS See Thomas ML
Treweeke PS, Thomas ML: incidence of cardiac
arrhythmias during intravenous digital
subtraction angiography: comparison of
peripheral and central injections, (J Canad Assoc
Radiol), 37: 83, 1986
Trev C See Stark DD

Trey C See Stark DD

Tribukait B See Hammarberg C

Trigaux JP; de Fays R; de Fays F: comparative study of two iodinated contrast media containing 20% iodine in lower-limb phlebography: ioxaglate versus a conventional product, (Radiology), 157: 568, 1985

Trigg LP See Clinkscales NB
Triller J See Marincek B
Triller J See Robotti GC
Triller JK See Goldhirsch A
Triller JK See Terrier F

Trimble MR See Bernardi S
Trimble SN; Schatz H: choroidal osteoma after
intraocular inflammation, (Radiology), 152: 849, 1984

Trinkaus P See Zweifler AJ

Trinkaus P See Zweitler A)
Triolo PJ See Thompson JR
Tripathi A; Bydder GM; Hughes JMB; et al: effect of oxygen tension on NMR spin-lattice relaxation rate of blood in vivo, (Radiology), 154: 566, 1985
Trippon MJ See Mantravadi RVP
Tristan TA See Porter AR
Tristant H See Detraux P

Trobe JD See Harbour RC

Trochei Trochei M See Howman-Giles R Trofatter KF See Baker ME Trotta F See Scutellari PN Trounce JG; Levene MI: diagnosis and outcome of subcortical cystic leucomalacia, (Radiology), 160: 288, 1986 Trounce JQ See Levene MI Trounce JQ See Levene MI
Troup PJ See Goodman LR
Troupp H See Laasonen EM
Trudel M: dural involvement in sinus histiocytosis
with masses lymphadenopathy. case report,
(Radiology), 153: 854, 1984
Trudell D See Resnick D
Trujillo M See Gavilan J
Tsai FY; Matovich V; Hieshima G; et al: Tsai FY; Matovich V; Hieshima G; et al: percutaneous transluminal angioplasty of the carotid artery. (A]NR), 7: 349, 1986
Tsai G-I; Liu J-D; Siauw C-P; et al: horacic roentgenologic manifestation in primary carcinoma of the liver, (Radiology), 155: 547, 1985 Ty85
Tsan M-F See Scheffel U
Tsan M-F; Seheffel U: mechanism of gallium-67
accumulation in tumors, (J Nucl Med), 27: 1215, 1986 1986
Tsang RC See Venkataraman PS
Tsay D-G See Schmidt HC
Tscholakoff D See Dooms GC
Tscholakoff D See Hajek PC
Tscholakoff D See Hricak H
Tscholakoff D See Hricak H
Tscholakoff D See McNamara MT
Tscholakoff D See Schmidt HC
Tscholakoff D See Schmidt HC
Tscholakoff D See von Schulthess GK
Tscholakoff D See Worltich G
Tscholakoff D See Wittich G
Tscholakoff D; Aherne T; Yee ES; Derugin N;
Hieeins CB: cardiac transplantations in do Higgins CB: cardiac transplantations in dogs: evaluation with MR, (Radiology), 157: 697, 1985 Tscholakoff D; Czembirek H; Wittich G: sonographic diagnosis of milk of calcium cyst of the kidney, (Radiology), 151: 276, 1984 Tscholakoff D; Higgins CB: gated magnetic resonance imaging for assessment of cardiac resonance imaging for assessment of cardiac function and myocardial infarction, (Radiol Clin North Am), 23: 449, 1985 Tscholakoff D; Higgins CB; McNamara MT; Derugin N: early-phase myocardial infarction: evaluation by MR imaging, (Radiology), 159: 667, 1986 Tscholakoff D; Higgins CB; Sechtem U; et al: MRI of reperfused myocardial infarct in dogs, (AJR), 146: 925, 1986 Tsiftsis D See Frantzides CT Tsou CV See Fox S Tsounis S See Karacostas D

Tsounis S See Karacostas D
Tsuchida Y; Saito S; Honna T; et al: double
termination of the alimentary tract in females: a
report of 12 cases and a literature review,
(Radiology), 154: 561, 1985
Tsuchigame T See Takahashi M
Tsuchiya F; Kohno A; Saitoh R; Shigeta A: CT
findings of atrial myxoma, (Radiology), 151: 139,
1984 1984 Tsuchiya S See Ohnishi K Assucinya S See Onnishi K
Tsuchiya T See Tokiguchi S
Tsuchiya Y See Ebara M
Tsui BMW; Gullberg GT; Edgerton ER; et al: design
and clinical utility of a fan beem collimator for
SPECT imaging of the head, (J Nucl Med), 27:
810, 1986
Tsuji M See Matsui T
Tsuitmeth E See Series is a See

Tsujimoto F See Sugimoto S
Tsujimoto F; Miyamoto Y; Tada S: differentiation of benign from malignant ascites by sonographic evaluation of gallbladder wall, (Radiology), 157: 503, 1985

Tsukamoto Y See Inoue Y
Tsukamoto Y; Nakata H; Kimoto T; et al: CT and angiography of peliosis hepatis, (AJR), 142: 539, 1984

1984
Tsukune Y See Ishikawa T
Tsuruta T See Kozlowski K
Tsutsui K; Komuro C; Ono K; et al:
chemosensitization by buthionine sulfoximine
in vivo, (Int J Radiat Oncol Biol Phys), 12: 1183,

Tu HK See Kaplan PA
Tuazon CU; Delaney MD; Simon GL; et al: utility of
gallium-67 scintigraphy and bronchial washings
in the diagnosis and treatment of Pneumocystis carniii pneumonia in patients with the acquired immune deficiency syndrome, (Radiology), 159: 569, 1986

Tubiana JM See Marsot-Dupuch K
Tubiana M; Arriagada R; Sarrazin D: human cancer
natural history, radiation induced immunodepression and post-operative radiation therapy, (Int J Radiat Oncol Biol Phys), 12: 477, Tubiana M; Carde P; Burgers JMV; et al: prognostic factors in non-Hodgkin's lymphoma, (Int J Radiat Oncol Biol Phys), 12: 503, 1986

Tucci IM: Maitland CG: Pcsolvar DW: et al: carotidcavernous fistula due to traumatic dissection of the extracranial internal carotid artery, (AJNR), 5: 828, 1984 Tuch P See Fritz VU

Tuck S See Hills D Tuck S See Tejani N Tuck SM See Sutro WH

Tuck SM See Sutro WH
Tuck SM: Ultrasourd monitoring of fetal behaviour,
(Ultrasound Med Biol), 12: 307, 1986
Tucker AK See Sharif HS
Tucker BL See Gilsanz V

Tucker GF See Fernbach SK Tucker GF Jr See Schlesinger AE Tucker SL See Travis EL Tucker WS See Miller MH

uucker w5 See Miller MH Tuddenham WJ: award winning scientific exhibits—1985, (Radiographics), 6: 151, 1986 Tuddenham WJ: editor's page, (Radiographics), 5: 4, 1985

Tuddenham WJ: editor's page, (Radiographics), 5: Tuddenham WJ: editor's page, (Radiographics), 6:

Tuddenham WJ: editor's page, (Radiographics), 6: 951 1986

Tuddenham WJ: editor's page: hail and farewell, (Radiographics), 5: 523, 1985 Tuddenham WJ: editor's page: how intransitive can one be?, (Radiographics), 6: 349, 1986 Tuddenham WJ: editor's page: . . . in defense of opacity, (Radiographics), 6: 171, 1986

opacity, (Radiographics), 6: 171, 1900
Tuddenham WJ: editor's page: on the parameters of style, (Radiographics), 5: 336, 1985
Tuddenham WJ: editor's page: on the selection of articles for publication in RadioGraphics, (Radiographics), 6: 533, 1986

Tuddenham WJ: editor's page: the 71st scientific assembly and annual meeting, (Radiographics), 6: 3, 1986

Tuddenham WJ: editor's page: what does it mea me modal?, (Radiographics), 5: 819, 1985
Tuddenham WJ: glossary of terms for thoracic radiology: recommendations of the Nomenclature Committee of the Fleischner Society, (AJR), 143: 509, 1984

Tuffli GA See Friday RO Tully RI See Rezvani I.

Tully RJ See Rezvaní L
Tumeh SS See Edeburn GF
Tumeh SS See Piwnica-Worms D
Tumeh SS, Aliabadi P; Weissman BN; McNeil BJ:
chronic osteomyelitis: bone and gallium scan
patterns associated with active disease,
(Radiology). 158: 685, 1986
Tu'meh SS; Polak JF; Kaplan WD: uptake of 99mTc
MDP by pseudomyxoma peritonei: a case report,
(Radiology), 153: 282, 1984
Tupper TB; Cronan JJ; Wald LM; Dorfman GS:
renal abscess: complication of ethanol
embolization, (Radiology), 161: 35, 1986
Turbiner E See Winzelberg GG

Turbiner E See Winzelberg GG Tureck R See Thickman D

Turesson I; Notter G: predictive value of skin telangiectasia for late radiation effects in different normal tissues, (Int J Radiat Oncol Biol Phys), 12: 603, 1986 Turk R See Hajek PC

Turner A; Taylor JF; Carty H; et al: radiological evaluation of multiple pin fixation of the femoral head, (Radiology), 155: 852, 1985

Turner DA See Alcorn FS Turner DA See Gitelis S Turner DA See Mulopulos GP Turner DA See Petasnick JP Turner DA See Strasser SF

Turner DA: nuclear magnetic resonance in oncology, (Semin Nucl Med), 15: 210, 1985
Turner DA; Prodromos CC; Petasnick JP; Clark JW: acute injury of the ligaments of the knee: magnetic resonance evaluation, (Radiology), 154: 717, 1985
Turner EF Sen Krishnamurthy GT

Turner FE See Krishnamurthy GT Turner JAP See Nadel HR Turner M See Zegel HG Turner MW See Dawson P Turner PA, Johnson JF: renal parenchyma in infancy and childhood: US characteristics, (Radiology), 157: 837, 1985 Turner RM See Pressman BD Turner WR See Macpherson RI Turnipraed WD See Archer CW

Turnipseed WD See Archer CW

Turnipseed WD See Starck EE

Turnock RR; Shawis R: management of fetal
urinary tract anomalies detected by prenatal
ultrasonography, (Radiology), 155: 856, 1985

Turowski K See Fike JR

Turowski K; Fike JR; Cann CE; Higgins RJ;
Davis RL; Gutin PH; Phillips TL; Weaver KA:
normal brain iodine-125 radiation damage:
effect of dose and irradiated volume in a canine
model, (Radiology), 158: 833, 1986

Turski PA See Gentry LR Turski PA See Kieffer SA Turski PA See Latchaw RE Turski PA See Malnor MD

Turski PA See Malnor MD
Turski PA See Perman WH
Turski PA; Damm M: role of computed tomography
in the evaluation of pituitary disease, (Semin US
CT MR), 6: 276, 1985
Turski PA; Perman WH; Hald JK; Houston LW;
Strother CM; Sackett JF: clinical and
experimental vasogenic edema: in vivo sodium
MR imaging, work in progress, (Radiology), 160:
821, 1986

821, 1986
Tuscan MC See Wahl RL
Tuscan MC See Ziessman HA
Tuttle R See Coblentz C
Tuttle SW; Biaglow JE; Varnes ME; et al:
enhancement in the aerobic toxicity of
misonidazole and SR-2508 by buthionine

misonidazole and SR-2508 by buthionine sulfoximine and 4-hydroxypyrazole: role of hydrogen peroxide, (Int J Radiat Oncol Biol Phys), 12: 1161, 1986 Tutton RH See Merritt CRB Tuuri DT See Unger FM Tuyer B, Levinsohn EM: recurrent anterior dislocation of the hip: case report with arthrographic findings, (Radiology), 154: 556,

artitographic hiddings, (kadalobyy), 154: 356, 1785

Tweddel AC See Martin W

Tweed WA See Overgaard J

Twentyman O See Griffin JF

Twersky J See Sclafani SJA

Twining P See Szypryt P

Twomey BP; Katz D: computed tomography in the diagnosis of extramedullary plasmacytoma, (Radiology), 152: 651, 1984

Tylen U See Ekholm SE

Tyler JL: orbital accumulation of gallium-67 citrate, (Radiology), 152: 269, 1984

Tyler JL: Yamamoto YL; Diksic M; et al: pharmacokinetics of superselective intra-arterial and intravenous [Pic]BCNU evaluated by PET, (J Nucl Med), 27: 775, 1986

Tymic A See Henze E

Nucl Med), 27: 775, 1986
Tymica A See Henze E
Tyminski LJ See Vujic I
Tymkiw J See Longmaid HE III
Tyrrell CJ See Benghiat A
Tyson R See Kursunoglu S
Tyson R See Lafferty CM
Tyson R See Sartoris DJ
Tytle T See Leonard JC
Tytle T See Leonard JC
Tytle T L See Wilson DA

Uchida H See Ohishi H Uchida H See Yoshimura H Uchida H; Ohishi H; Kurosaki Y; et al: evaluation of arterial embolization therapy for hepatocellular arterial embolization therapy for hepa carcinoma by computed tomography, (Radiology), 150: 866, 1984 Uchida K See Takagi H Uchina A See Hasuo K Uchino H See Moriyasu F Uchiyama G See Araki T Udelsman R See Miller DL Udjus K See Jarvis J Udoff EJ See Davidoff AB Udoff EJ See Davidoff AB Udoff EJ See Lurie AL Udompanich O See Nirapathpongporn S Ueda J See Ohishi H Ueda K See Nakano H Ueda S See Naruse S Ueda T; Goya T; Wakisaka S; et al: fenestr

Ueda T; Goya T; Wakisaka S; et al: fenestrations of the middle cerebral artery associated with aneurysms, (AJNR), 5: 639, 1984

aneurysms, (A)NK), 5: 639, 1984
Uemura K See Takahashi S
Ueno K; Kabuto H; Haseda Y; et al: radionuclide
angiography in two cases of hepatic
actinomycosis, (Clin Nucl Med.), 11: 44, 1986
Ueno K; Rikimaru S; Kawashima Y; et al: bone

Ueno K; Rikimaru S; Kawashima Y; et al: bone imaging of sternocostoclavicular hyperostosis in palmoplantar pustulosis, (Clin Nucl Med), 11: 420, 1986
Ueno S See Takaki Y
Uenoyama Y See Ochi J
Uflacker R: transcatheter embolisation of arterial aneurysms, (Br J Radiol), 59: 317, 1986
Uflacker R; Alves MA; Cantisani GG; et al: treatment of portal vein obstruction by percutaneous transhepatic angioplasty, (Radiology), 156: 857, 1985
Uflacker R; Francisconi CF; Rodriguez MP;
Amaral NM; percutaneous transluminal angioplasty of the hepatic veins for treatment of Budd-Chiari syndrome, (Radiology), 153: 641, 1984

1984
Uflacker R; Kaemmerer A; Picon PD; Rizzon CFC;
Neves CMC; Oliveira ESB; Oliveira MEM;
Azevedo SNB; Ossanai R: bronchial artery
embolization in the management of hemoptysis:
technical aspects and long-term results,
(Radiology), 157: 637, 1985

Uflacker R; Lima S; Melichar AC: intravascular foreign bodies: percutaneous retrieval, (Radiology), 160: 731, 1986 Uflacker R; Lima S; Ribas GC; Piske RL: carotid-

Orlacker R, Linia 3, Ribas GC, Piske RL: cafotid-cavernous fistulas: embolization through the superior ophthalmic vein approach, (Radiology), 159: 175, 1986 Uflacker R, Paolini RM; Lima S: management of traumatic hematuria by selective renal artery embolization, (Radiology), 156: 272, 1985

Ugbodaga CI See Akamaguna AI
Uhl GS See Starling MR
Uhlenbrock D See Becker W
Uhlenbrock D; Dickmann E; Beyer HK; et al:

Uhlenbrock D; Dickmann E; Beyer HK; et al:
magnetic resonance tomography in confirmed
multiple sclerosis—evaluation of 21 cases,
(Radiology), 157: 286, 1985
Uhlenbrock D; Fischer HJ; Appel W: computed
tomography of calcified optic nerve drusen,
(Radiology), 155: 554, 1985
Uhlenbrock D; Straube A; Beyer HK; et al:
magnetic resonance tomography and computed
tomography of the brain for diagnosing
Wilson's disease, (Radiology), 159: 573, 1986
Uhrenholdt A See Metz P

Uhrenholdt A See Metz P Uji T See Oyama Y Ulatowski L See Greiner L

Ulloa N See Norman D
Ulmer HU; Frischbier H-J: treatment of advanced cancers of the cervix uteri with external irradiation alone, (Radiology), 154: 286, 1985
Ulreich S See Maile CW

Ulshen MH See Shub MD Ultsch B See Reiser M Umek H See Dunser E Umer MA See Bernardy MO Umer MA See Fried AM Umezu Y See Nishitani H Umsawasdi T See Lee JS

Underwood DA See Detrano R Underwood DA See Go RT

Unger EC; Glazer HS; Lee JKT; et al: MRI of extracranial hematomas: preliminary observations, (AJR), 146: 403, 1986

observations, (AJR), 146: 403, 1966
Unger FM; Cavanaugh DJ; Johnson GF; Tuuri DT;
Beekman R: radiologic and real time
echocardiographic evaluation of the cyanotic
newborn, (Radiographics), 6: 603, 1986
Unger JM See Chintapalli K
Unger JM: oral cavity and tongue: magnetic
resonance imaging, (Radiology), 155: 151, 1985
Unger JM: orbital apex fractures: the contribution of
computed tomography, (Radiology), 150: 713,
1984

Unger JM; Dennison BF; Duncavage JA; et al: radiological appearance of the post-Caldwell-Luc maxillary sinus, (Clin Radiol), 37: 77, 1986

Unger KM See Miller WC Unger KM See Miller WC
Ungerleider JT: Andrysiak TA; Fairbanks LA;
Tesler AS; Parker RG: tetrahydrocannabinol vs.
prochlorperazine: the effects of two antiemetics
on patients undergoing radiotherapy,
(Radiology), 150: 598, 1984
Unni KK See Bertoni F
Unni KK See Clark JL

Unni KK See Frassica FJ Unni KK See Kaiser TE Unni KK See Nakashima Y

Uno K; Matsui N; Nohira K; et al: indium-111 leukocyte imaging in patients with rheumatoid arthritis, (J Nucl Med), 27: 339, 1986

Unruh H; Chiu RC-J: mediastinal assessment for staging and treatment of carcinoma of the lung, (Radiology, 160: 572, 1986 Unverferth LJ See Beltran J

Uotila P See Paaianen H Uozumi H See Yasunaga T

Updike ML See Zinreich SJ
Urano M; Kahn J: differential kinetics of thermal resistance (thermotolerance) between murine normal and tumor tissues, (Int J Radiat Oncol Biol Phys), 12: 89, 1986

Urano M; Kahn J; Kenton LA: thermochemotherapy (combined cyclophosphamide and hyperthermia) with or without hyperglycemia as an adjuvant to radiotherapy, (Int J Radiat Oncol Biol Phys), 12: 45, 1986 Urano Y See Ogata K

Uray E See Fotter R Urbach AH See Zajko AB Uren RF See Rossleigh MA Uren RF See Singer I

Uren RF; Magistretti PL; Royal HD; et al: single-Uren RF; Magistretti PL; Royal HD; et al: singlephoton emission computed tomography: a
method of measuring cerebral blood flow in
three dimensions (preliminary results of studies
in patients with epilepsy and stroke),
(Radiology), 150: 290, 1984
Uri G; Wellman H; Capello W; et al: scintigraphic
and x-ray arthrographic diagnosis of femoral
prosthesis loosening: concise communication,
(Radiology), 154: 862, 1985
Urizar RE See Gilboa N

Urrutia EJ See Panicek DM Urtasun RC See Coleman CN

Urtasun RC; Chapman JD; Raleigh JA; et al: binding of <sup>3</sup>H-misonidazole to solid hum tumors as a measure of tumor hypoxia, (Int J Radiat Oncol Biol Phys), 12: 1263, 1986 Urwin GH See Percival RC

Urwin GH See Percival RC Usdin J-P See Cinotti L Ushio K See Muramatsu Y Ushio K See Takayasu K Usiskin SR See Jackson FI Uske A See Dooms GC Uske A See Kucharczyk W Usta HY See El-Khoury GY Uthman EO See Wilkes TDI Utsunomiya M; Itoh H; Yoshioka T; et al: renal

Utsunomiya M; Itoh H; Yoshioka T; et al: renal dysplasia with a single vaginal ectopic ureter: the role of computerized tomography, (Radiology), 154: 859, 1985
Utz DC See Larkin BT
Utz JA; Lull RJ; Galvin EG: asymptomatic total hip prosthesis: natural history determined using Tc-99m MDP bone scans, (Radiology), 161: 509, 1986.

Utz R See Griffiths HI Utz R See Holtas S Utz R See Simon JH

Utz R: diagnostic radiology of the brain: CT, DSA, NMR. 2d ed., (Radiology), 156: 28, 1985 Utz R: NMR—tomography of the normal brain, (Radiology), 158: 156, 1986

Vachon L; Gilsanz V: CT visualization of posterior vertebral veins: sign of vena caval obstruction, (Pediatr Radiol), 16: 197, 1986

Vachon LA See Radin DR Vacirca SJ See Edwards JH Vacirca SJ See Hyman RA

Vadala G; Dore R; Garbagna P: unusual osseous changes in lumbar herniated disks: CT features, (JCAT), 9: 1045, 1985

Vade A; McKusick M; Michael A: hemorrhage in cavum septi pellucidi, (Pediatr Radiol), 16: 417, 1986

Vade A; Otto R: cranial sonography of the occipital horns and gyral patterns in the occipital lobes, (AJNR), 7: 873, 1986

Vaeth M; Schultz HP; von der Maase H; et al: prognostic factors in testicular germ cell tumor experiences from 1,058 cases, (Radiology), 156: 287, 1985

Vahey TN See Maglinte DDT
Vaid YN; Shin MS: computed tomography
evaluation of tracheoesophageal fistula, (CT),
10: 281, 1986

10: 281, 1986

Vaislic CD See Courtheoux P

Vaisman U; Wojciechowski M: carotid artery
disease: new criteria for evaluation by
sonographic duplex scanning, (Radiology), 158:
253, 1986

sonographic duplex scanning, (Kadiology), 158: 253, 1986
Valavanis A See Schubiger O
Valavanis A: preoperative embolization of the head and neck: indications, patient selection, goals, and precautions, (AJNR), 7: 943, 1986
Valdes C See Malini S
Valdes-Cruz LM See Goldberg SJ
Valdes-Cruz LM See Goldberg SJ
Valdes-Cruz LM See Meijboom EJ
Valdes-Cruz LM; Horowitz S; Mesel E; et al: pulsed Doppler echocardiographic method for calculation of pulmonary and systemic flow: accuracy in a canine model with ventricular septal defect, (Radiology), 151: 832, 1984
Valdivia S See Zaharia M
Valentine AR See Kendall BE
Valentini AL See Danza FM
Valenzuela JE See Dooley CP

Valenzuela JE See Dooley CP Valenzuela JE See Miranda M Valeriote F; Grates HE: potentiation of nitrogen mustard cytotoxicity to leukemia cells by sulfur-containing compounds administered in vivo, (Int J Radiat Oncol Biol Phys), 12: 1165, 1986 Valk NV See Meltzer RS

Valk P: muscle localization of Tc-99m MDP after exertion, (Radiology), 155: 558, 1985 Valk PE See Hale JD

Valk PE See Hale JD

Valk PE; Guille J: measurement of splenic function
with heat-damaged RBCs: effect of heating
conditions, (Radiology), 157: 288, 1985

Valk PE; Hale JD; Crooks LE; et al: MR imaging of
aortoiliac atherosclerosis with 3D image
reconstruction, (JCAT), 10: 439, 1986

Valk PE; Hale JD; Crooks LE; et al: MRI of blood

flow: correlation of image appearance with spin-echo phase shift and signal intensity. (AJR), 146: 931, 1986

Valk PE; Hale JD; Kaufman L; Crooks LE; Higgins CB: MR imaging of the aorta with three-dimensional vessel reconstruction: validation by angiography, (Radiology), 157: 721, 1985

Valla D See Menu Y
Valla D; Huet PM; Lafortune M; Marleau D:
vasopressin perfusion of esophageal varices in
cirrhotic patients: cineangiographic study,
(Radiology), 152: 45, 1984
Vallance R See Starnes HF
Vallance R; Quin RO; Forrest H: arterio-venous

shunting complicating occlusive atherosclerotic peripheral vascular disease, (Clin Radiol), 37: 389, 1986

Vallee B See Lasjaunias P
Vallee CA See Chagnon SF
Vallegjos E; Avila R; Lopez-Morales L; et al:
unilateral diaphragmatic paralysis due to
contralateral pleural drainage tube, (Radiology),
155: 854, 1985
Valley E See Morale C

Valley JF See Hessler C
Vallicioni J See Bruneton JN
Vallis MP; Cleeland J; Bradley PJ; et al: radiation
therapy of squamous carcinoma of the tonsil:
analysis of prognostic factors and of treatment
failures, (Br J Radio), 59; 251, 1986

Valvassori GE See Mafee MF Valvassori GE; Dobben GD: CT densitometry of the cochlear capsule in otosclerosis, (AJNR), 6: 661, 1985

cochlear capsule in otosclerosis, (AJNR), 6: 661, 1985
Valvo JR See Caldamone AA
Van Aerde J; Campbell AN; Smyth JA; et al: spontaneous chylothorax in newborns, (Radiology), 156: 858, 1985
Van Allen M See Patten RM
Van Aman ME See Mills CS
Van Aman ME See Mills CS
Van Aman ME See Mills CS
Van Aman ME See Nahman BJ
van Andel GJ; van Erp WFM; Krepel VM;
Breslau BP; percutaneous transluminal dilatation of the iliac artery: long-term results, (Radiology), 156: 321, 1985
Van Arsdalen KN See Pollack HM
Van Arsdalen KN See Verstandig AG
van Aswegen A; Otto AC; Herbst CP; Marx JD;
Kleynhans PHT; Lotter MG; Minnaar PC: left ventricular function evaluation using radionuclide methods in the intensive coronary care unit. (Radiology), 158: 252, 1986
Van Baarle A See Rigaux A
van Benthem PP See Robson N
van Breda A See Eckstein MR
van Breda A See Scales FE
Vandaele L See Wilms G

Vandaele L See Wilms G van Dale P; Osteaux M; Penasse W; et al: technique for simultaneous microangiographic and cytochemical investigation of resin-embedded tissues, (Invest Radiol), 21: 714, 1986

Vandecasteele C See De Spiegeleer B Vandeman F See Thoeni RF

Vandeman F See Thoeni RF
van den Bogaert W; van der Schueren E; Horiot JC; et al: early results of the EORTC randomized
clinical trial on multiple fractions per day
(MFD) and misonidazole in advanced head and

(MFD) and misonidazole in advanced head and neck cancer, (Int J Radiat Oncol Biol Phys), 12: 587, 1986 Vandenbosch G See Delcour C vandenBurg W See Wilmink JT van de Putte LBA See Wouters JMGW Vendenetk A Con Arti-EF

vandenburg w see Wimmins /
van de Putte LBA See Wouters JMGW
Vanderelst A See Avni EF
Vandergriend RA See Hudson TM
VanDeripe D See Seltzer SE
van der Laan JG; Thijn (CJP: ivory and dense
epiphyses of the hand: Thiemann disease in
three sisters, (Skeletal Radiol), 15: 117, 1986
van der Meer SC; van Rooij WJJ; van Royen EA:
pneumonitis after amiodarone therapy,
(Radiology), 154: 260, 1985
Van Der Merwe PL; Basset A; Els D: influence of
contrast media on serum osmolarity,
haematocrit and cardiac output. comparative
study in dogs, (Radiology), 157: 568, 1985
van der Schueren E See Dewit L
van der Schueren E See Dewit L
van der Schueren E See Van den Bogaert W
Vanderslice R See Swartz JD
van der Smissen E See Kumar R
Vandersligel M See Mathieu D
van der Vliet AH; Ling D: renal and scapular masses
in a 57-year-old woman, (Urol Radiol), 8: 56,
1986

1986
van der Voorde F See Epstein DM
van der Wall EE; Res JCJ; van Eenige MJ; et al:
effects of intracronary thrombolysis on global
left ventricular function assessed by an
automated edge detection technique, (J Nucl
Med), 27: 478, 1986

Med), 27: 478, 1986
van der Werf-Messing BHP See Wijnmaalen A
van der Wieken RL See Visser CA
Van de Vyver FL See Ordidge RJ
Van de Vyver FL; Blockx PPG; Devos P; De Roo M:
Tc-99m thyroid index as an easily measured
parameter of Tc-99m thyroid uptake,
(Radiology), 153: 551, 1984
Vande Weyer R See De Vuyst P
Vandiviere HM See Woodring JH
van Doesburg NH See Matina D
van Dongen KJ; Braakman R; Gelpke GJ:
prognostic value of computerized tomography

prognostic value of computerized tomography in comatose head-injured patients, (Radiology) 152: 854, 1984

Van Dongen Van Dongen L: ultrasonography of the cervix, (Radiology), 152: 866, 1984 Van Dongen LGR; Goudie E: placental patterns as seen on ultrasonography, (Radiology), 151: 834, seen on ultrasonography, (Radiology), 151: 834, 1984

Van Dyk J See Mah K

Van Dyk J: magna-field irradiation: physical considerations, (Radiology), 153: 864, 1984

Van Dyke C See Brant-Zawadzki M

Van Dyke C See Brant-Zawadzki M

Van Dyke JA See Anderson SD

Van Dyke JA See Anderson SD

Van Dyke JA See Hosos CN

Van Dyke JA, See Hosos CN

Van Dyke JA, See Mosos CN

Van Dyke JA, Futisky EA; Stanley RJ: acute pancreatitis associated with end-stage renal disease, (Radiology), 160: 403, 1986

Van Dyke JA; Sagel SS: calcified pulmonary sequestration: CT demonstration, (CAT), 9: 372, 1985

van Benige MJ See van der Wall EE 1985
Van Eenige MJ See van der Wall EE
Van Egmond H See Kunnen M
Vanel D; Coffre C; Zemoura L; et al:
chondrosarcoma in children subsequent to other
malignant tumours in different locations,
(Radiology), 154: 552, 1985
Vanel D; Contesso G; Rebibo G; et al: benign giantcell tumours of bone with pulmonary metastases
and favourable prognosis. report on two cases
and review of the literature, (Radiology), 154:
555, 1985 555 1985 Vanel D; Henry-Amar M; Lumbroso J; et al: Vanel D; Henry-Amar M; Lumbroso J; et al: pulmonary evaluation of patients with osteosarcoma: roles of standard radiography, tomography, CT, scintigraphy, and tomoscintigraphy, (AJR), 143: 519, 1984 van Erp WFM See krepel VM van Erp WFM See van Andel GJ van Es A See Kool LJS van Eys J See Lee Y-Y Van Gansbeke D See Avni EF Van Gansbeke D; Avni EF; Delcour C; et al: sonographic features of portal vein thrombos Van Gansbeke D; Avni EF; Delcour C; et al:
sonographic features of portal vein thrombosis,
(AJR). 144: 749, 1985

Van Gennip AH See Hoefnagel CA
Van Gerpen J See McNeil BJ
VanGilder JC See Menezes AH
van Heerden JA See Charboneau JW
vanHeerden JA See Charboneau JW
vanHeerden JA See Kaufman BH
van Heerden JA See Waldorf JC
Van Hertwerden LA See Malko JA
van Herwerden LA See Gussenhoven EJ
Van Holsbeeck MT See Marchal GJF
Van Houten FK See Doubilet PM
Van Houten FK See McNeil BJ
Vanhoutte JJ See Wilson DA
Vanier M; Lecours AR; Ethier R; et al: proportional
localization system for anatomical Vanhoutte JJ See Wilson DA

Vanier M; Lecours AR; Ethier R; et al: proportional localization system for anatomical interpretation of cerebral computed tomograms, (JCAT), e715, 1985
van Kaick G See Konig R
van Kaick G See Feubner J
Van Kerkem J See Jeanty P
Van Kruiningen HJ See Chiodini RJ
van Linge B See Derks WHJ
van Marcke YM See Pen JH
van Merode T See Reneman RS
Van Moore A Jr See El-Mahrouky A
Van Moore A Jr See El-Mahrouky A
Van Moore A Jr See Older RA
van Nagell JR See Maruyama Y
Vannier MW See Totty WG
Vannier MW: three-dimensional display of computed tomographic scans: reply, (Radiology, 151: 805, 1984
Vannier MW; three-dimensional display of computed tomographic scans: reply, (Radiology), 152: 805, 1984
Vannier MW; three-dimensional clipped analysis of magnetic resonance images, (Radiology), 158: 129; 121, 1985
Vannier MW; Marsh JL; Warren JO: three dimensional CT reconstruction images for craniofacial surgical planning and evaluation, (Radiology), 158: 221, 1985
Vannier MW; Marsh JL; Warren JO: three dimensional CT reconstruction images for craniofacial surgical planning and evaluation, (Radiology), 159: 179, 1984
Van Nostrand D See Manier SM
Van Nostrand D; Madewell JE; McNiesh LM; et al: radionuclide bone scanning in giant cell tumor, (J Nucl Med), 27: 329, 1986
Van Outsterom AT See Bloem JL

Van Nutta FC See Barone CM
Van Oosterom AT See Bloem JL
Van Os-Corby DJ; Chapman ID: in vitro binding of

14C-misonidazole to hepatocytes and hepatoma
cells, (Int J Radiat Oncol Biol Phys), 12: 1251,

1986

Van Prasijn van Meerten Els L See de Roos A

Van Praagh R: importance of segmental situs in the
diagnosis of congenital heart disease, (Semin
Roentgenol), 20: 254, 1985

van Putten J See Raymakers JA

Van Rensburg LCJ; Klopper JF; Ellmann A:
hepatobiliary scintigraphy in surgical patients,
(Radiology), 155: 863, 1985

Van Rensburg MNJ See De Villiers PD
van Rijssel TG See Taconis WK
van Rooij WJJ See van der Meer SC

Van Roost WW See Marchal GJF van Royen EA See Rovekamp MH van Royen EA See van der Meer SC van Schaik FDJ See van Schaik JJP

van Schaik FUJ See van Schaik JJF van Schaik JJF, Verbiest H, van Schaik FUJ: morphometry of lower lumbar vertebrae as seen on CT scans: newly recognized characteristics, (AJR), 145: 327, 1985

(AJR), 145: 327, 1985
van Schaik PJ; Hawkins IF Jr: translumbar catheter
redirection using a tip-deflector technique,
(Radiology), 155: 829, 1985
Vanselow K See Wolschendorf K
van Seters AP See Falke THM

van Seters AP See Falke THM
vanSonnenberg E See Brown JJ
vanSonnenberg E See Casola G
vanSonnenberg E See Mattrey RF
vanSonnenberg E See Mueller PR
vanSonnenberg E See Nakamoto SK
vanSonnenberg E See Quinn SF
vanSonnenberg E See Willson SP
vanSonnenberg E See Willson SA

vanSonnenberg E See Wing VW vanSonnenberg E: abscess, (Clin Diagn Ultrasound), 14: 57, 1984

vanSonnenberg E; Casola G; Cubberley DA: oriental cholangiohepatitis: diagnostic imag and interventional management, (AJR), 146: 327, 1986

327, 1986

nSonnenberg E; Cubberley DA; Brown LK;

Wittich GR; Lyon JW; Stauffer AE:
percutaneous gastrostomy: use of intragastric
balloon support, (Radiology), 152: 531, 1984

nSonnenberg E; Hofmann AF; Neoptolemus
J; et al: gallstone dissolution with methyl-tertbutyl ether via percutaneous cholecystostomy:
success and caveats, (AJR), 146: 865, 1986

success and caveats, (AJR), 146: 865, 1986
vanSonnenberg E; Lin AS; Casola G; Nakamoto SK;
Wing VW; Cubberley DA: removable hub
needle system for coaxial biopsy of small and
difficult lesions, (Radiology), 152: 226, 1984
vanSonnenberg E; Mueller PR; Ferrucci JT Jr:
percutaneous drainage of 250 abdominal
abscesses and fluid collections. part 1: results,
failures, and complications, (Radiology), 151:
337, 1984

Sonnenberg E; Mueller PR; Schiffman HR; Ferrucci IT Jr. Casola G; Simeone JF; Cabrera OA; Gosink BB intrahepatic amebic abscesses: indications for and results of precutaneous catheter drainage, (Radiology), 1956: 631, 1985

156: 631, 1985
vanSonnenberg E; Nakamoto SK; Mueller PR;
Casola G; Neff CC; Friedman PJ; Ferrucci JT Jr;
Simeone JF: CT- and ultrasound-guided
catheter drainage of empyemas after chest-tube
failure, (Radiology), 151: 349, 1984
vanSonnenberg E; Polansky AD; Wittich GR; et al:
guide wire protection for trocar puncture of
fluid collections, (AJR), 148: 831, 1985
vanSonnenberg E; Schiffman HB; Casala G; et al:

vanSonnenberg E; Schiffman HR; Casola G; et al: simplified solvent infusion and drainage in closed systems: double-lumen, single-catheter method, (AJR), 144: 259, 1985

varsonne, (AJR), 148: 297, 1985
varSonnenberg E; Wing VW; Casola G; et al:
temporizing effect of percutaneous drainage of
complicated abscesses in critically ill patients,
(AJR), 142: 821, 1984

Sonnenberg E; Wing VW; Pollard JW; Casola G: life-threatening vagal reactions associated with percutaneous cholecystostomy, (Radiology), 151: 377, 1984

vanSonnenberg E; Wittich GR; Brown LK; et al: percutaneous gastrostomy and gastroenterostomy: 1. techniques derived from laboratory evaluation, (AJR), 146: 577, 1986

vanSonnenberg E; Wittich GR; Cabrera OA; et al: percutaneous gastrostomy and gastroenterostomy: 2. clinical experience, (AJR), 146: 581, 1986

vanSonnenberg E; Wittich GR; Casola G; Princenthal RA; Hofmann AF; Keightley A; Wing VW; diagnostic and therapeutic percutaneous gallbladder procedures, (Radiology), 160: 23, 1986

(Radiology), 160: 23, 1986
vanSonnenberg, E; Wittich GR; Casola G;
Stauffer AE; Polansky AD; Coons HG;
Cabrera OA; Gerver PS: complicated pancreatic
inflammatory disease: diagnostic and
therapeutic role of interventional radiology,
(Radiology), 155: 335, 1985
vanSonnenberg, E; Wittich GR; Casola G;
Wing VW; Halasz NA; Lee AS; Withers C:
lymphoceles: imaging characteristics and
percutaneous management, (Radiology), 161:
593, 1986
vanSonnenberg E; Wittich CR; C. 11/10.

593, 1986
Sonnenberg E; Wittich GR; Schiffman HR;
Cabrera OA; Willson SA; Quinn SF; Casola G;
Hayne LA; Polansky AD: percutaneous
drainage access: simplified coaxial technique,
(Radiology), 159: 266, 1986

Van Steenbergen W See Marchal GJF Van Steenbergen W, Joosten E; Marchal GJF, et al: hepatic lymphangiomatosis: report of a case and review of the literature, (Radiology), 158: 857, 1986

van Straalen AM See Puillaert CBAI van Straalen AM See Puijlaert CBAJ
Van Swearingen F See Ott DJ
Van Tassel P See Brooks BS
Van Tassel P See Howell CG
Van Tassel P See Lee Y-Y
Van Tassel P; Lee Y-Y; Bruner JM: supratentorial

ependymomas: computed tomographic and pathologic correlations, (CT), 10: 157, 1986 Van Thiel D See Shreiner DP

Van Thiel DH See Tihansky DP Van Thiel DH See Zajko AB

Van Trint M See Zeisman S
Van Train K See Reisman S
Van Train KF; Berman DS; Garcia EV; et al:
quantitative analysis of stress thallium-201
myocardial scintigrams: multicenter trial, (J
Nucl Med), 27: 17, 1986

myocardial scintigrams: multicenter trial, (J Nucl Med), 27: 17, 1986

Van Unnik JG; Marsman JWP: impotence due to the external iliac steal syndrome treated by percutaneous transluminal angioplasty, (Radiology), 153: 565, 1984

Van Velzen D See Tarico V
Van Voorhees L See Gottdiener JS van Voorthuisen AE See Guit GL van Waes PFGM See Feldberg MAM van Waes PFGM See Koehler PR van Waes PFGM See Muller JWT van Waes PFGM; Feldberg MAM; Goldberg HI; Herve P; Zonneveld FW; Cann CE: direct coronal and direct sagiital CT of abdomen and pelvis: approach to staging malignancies, (Radiographics), 6: 213, 1986

van Waes PFGM; Koehler PR; Feldberg MAM: CT of rectal cancer: its accuracy and effect on patient management, (Radiographics), 4: 801, 1984

Van Weede BJG; Pauwels EKJ; Jones B; et al:

1984

Van Weelde BJG; Pauwels EKJ; Jones B; et al:
scintigraphic peritoneography in advanced
ovarian malignancies: its value for
chemotherapeutic distribution studies,
(Radiology), 156: 285, 1985

Van Winkle GN; Mazur JM: iatrogenic exostosis in
a patient treated for osteomyelitis, (Radiology),
152: 555, 1984

an Woerden HH See Penning L

VanZandt TF: atlas of signs in radiology, (Radiology), 154: 544, 1985 VanZandt TF: critical problems in diagnostic radiology, (Radiology), 151: 328, 1984

VanZandt TF: roentgen signs in diagnostic imaging. 2d ed. vol. 2. appendicular skeleton, (Radiology), 158: 678, 1986

(Radiology), 158: 678, 1986
VanZandt TF: roentgen signs in diagnostic imaging. 2d ed. vol. 3: spine and central nervous system, (Radiology), 161: 30, 1986
Van Zanten TEG; Teule GJJ; Golding RP; et al: CT and nuclear medicine imaging in vertebral metastases, (Clin Nucl Med), 11: 334, 1986

Vaqueiro M; Gloviczki P; Fisher J; et al: lymphoscintigraphy in lymphedema: aid to microsurgery, (J Nucl Med), 27: 1125, 1986 Varano L See Strauss M

Vargas B; Lebowitz RL: coexistence of congenital megacalyces and primary megaureter, (AJR), 147: 313, 1986

Vargas FC; Vas W; Carlin B; et al: radiographic and CT demonstration of mammary emphysema, (JCAT), 9: 560, 1985

Varghese AJ; Whitmore GF: identification of a reactive glutathione conjugate as a metabolite of SR-2508 in CHO cells, (Int J Radiat Oncol Biol Phys.) 12:1233-1245.

Phys), 12: 1223, 1986
Varghese PJ See Wasserman AG
Varghese S See Swartz JD
Varghese Z See Khoury GA
Variakojis D See Limpert J

Variakojis D See Limpert J
Varkey B See Wagner DK
Varma DGK See Campeau RJ
Varma J; Huben RP; Wajsman Z; et al: therapeutic
embolization of pelvic metastases of renal cell
carcinoma, (Radiology), 153: 848, 1984
Varma RR; Crumrine PK; Bergman I; et al:
childhood oligodendrogliomas presenting with
seizures and low density lesions on computed
tomography, (Radiology), 151: 262, 1984
Varnes A See Hershey CO
Varnes ME See Biaglow JE
Varnes ME See Biaglow JE
Varsano D See Tauber T
Vas W See Salimi Z

Varsano D See Fauder 1
Vas W See Salimi Z
Vas W See Vargas FC
Vas W; Suresh PL; Tang-Barton P; et al:
ultrasonographic differentiation of cervical
abortion from cervical pregnancy, (Radiology),
277, 202, 1005 157: 863, 1985

Vasavada P See Maxon HR Vasey CG; Armstrong WF; West SR; et al: failure of Fluosol DA to enhance the ultrasonic image of infarcted myocardium, (JCU), 14: 613, 1986 Vashist GP See Bhushan B

Vashistha K See Brose A Vasile N See Mathieu D

Vasile N; Mathieu D; Keita K; et al: computed tomography of thoracic aortic dissection: accuracy and pitfalls, (JCAT), 10: 211, 1986

Vasile N; Nicoleau F; Mathieu D: CT features of cardiopericardial masses, (Eur J Radiol), 6: 21,

Vasilomanolakis EC See Famularo M

1986
Vasilomanolakis EC See Famularo M
Vassilouthis J: syndrome of normal-pressure
hydrocephalus, (Radiology), 155: 553, 1985
Vatis D See Dumoulin CL
Vatnitskij SM; Aalto PK; Rannikko SJ: tissue-air
ratios for cobalt 60 therapy units, (Radiology),
151: 837, 1984
Vauclair R See Bourgouin P
Vaughan ATM; Bateman WJ; Fisher DR: in vivo
fate of At-211 labelled monoclonal antibody
with known specificity in a murine system,
(Radiology), 150: 304, 1984
Vaughan R; Rosch J; Keller FS; et al: treatment of
hemobilia by transcatheter vascular occlusion,
(Radiology), 155: 274, 1985
Vaum R See Robinson GD J;
Vawter GF See Hernanz-Schulman M
Vayynen T: cumulative radiation damage and
cumulative radiation effect, (Radiology), 152:

cumulative radiation effect, (Radiology), 152: 272, 1984

cumulative radiation effect, (Radiology), 152: 272, 1984
Vazquez JL; Thorsen MK; Dodds WJ; et al: atrophy of the left hepatic lobe caused by a cholangiocarcinoma, (AJR), 144: 547, 1985
Vazquez JL; Thorsen MK; Dodds WJ; et al: evaluation and treatment of intraabdominal bilomas, (AJR), 144: 933, 1985
Vazquez R See Aquino NM
Vea HW See Gilbert BR
Vea HW; Sirotta PS; Nelp WB: ventilation-perfusion scanning of pulmonary embolism: refinement of predictive value through Bayesian analysis, (AJR), 145: 967, 1985
Veasy LG See Jaffe RB
Vedal 5 See Bergin CJ
Veerman AJP See Taets van Amerongen AHM
Veiga-Pires JA See Kaiser MC
Veiga-Pires JA See Mauser HW
Veith FJ See Samson RH
Velaj R See See Samson RH
Velaj R See Bird CR

Vetth f J See Samson KH
Velaj R See Bird CR
Velaj R See Bird CR
Velaj R See Drayer BP
Velaj R, Drayer BP; Albright R; et al: comparative
neurotoxicity of angiographic contrast media,
(Radiology), 160: 286, 1986
Velasco N; Pope CE II; Gannan RM; et al:

Velasco N; Pope CE II; Gannan RM; et al:
measurement of esophageal reflux by
scintigraphy, (Radiology), 156: 285, 1985
Velasquez G See D'Souza VJ
Velasquez G See Glass TA
Velasquez G; D'Souza VJ; Glass TA; et al: calcified
thrombus of the inferior vena cava in
transposition of the great vessels, (Cardiovasc
Intervent Radiol), 9: 19, 1986
Velasquez G; D'Souza VJ; Glass TA; et al: diffuse
intestinal arteriovenous malformation, (AJR),
143: 1339, 1984

143: 1339, 1984

143: 1339, 1984
Velasquez G; D'Souza VJ; Hackshaw BT; et al: case reports. phaeochromocytoma and cardiomyopathy, (Radiology), 152: 840, 1984
Velasquez G; Glass TA; D'Souza VJ; et al: multiple oncocytomas and renal carcinoma, (AJR), 142: 123, 1984

oncocyomas and rehad carchoma, (A)R), 142:
123, 1984

Velasquez W See Tannir N

Velchik MG See Eeldman N

Velchik MG See Eldman N

Velchik MG See McSerthy KE

Velchik MG See Moster PT Jr

Velchik MG See Mishkin J

Velchik MG See Mishkin J

Velchik MG See Posel AW

Velchik MG See Noel AW

Vellang OT JP See Nishko L

Vellacott KD; Virjee J: audit on the use of the
barium enema, (Radiology), 161: 573, 1986

Vellenga CJLR; Mulder JD; Bijvoet OLM:

radiological demonstration of healing in Paget's
disease of bone treated with APD, (Radiology),
158: 570, 1986

Vellenga CJLR; Pauwels EKJ; Bijvoet OLM:

disease of bone treated with APD, (Kadiology), 158: 570, 1986

Vellenga CJLR, Pauwels EKJ; Bijvoet OLM: comparison between visual assessment and quantitative measurement of radioactivity on the bone scintigram in Paget's disease of bone, (Radiology), 156: 571, 1985

Vellenga CJLR, Pauwels EKJ; Bijvoet OLM; Frijlink WB; Mulder JD; Hermans J: untreated Paget disease of bone studied by scintigraphy, (Radiology), 153: 99, 1984

Vellody D See Waldron RL II

Velt PM; Choy OG; Shimkin PM; Link RJ: transjugular liver biopsy in high-risk patients with hepatic disease, (Radiology), 153: 91, 1984

Veluvolu P See Collier BD

Venuri BR See Shetty PC

Vencentelli F See Grisoli F

Vendelbo L See Schifter S

Venkataraman PS; Han BK; Tsang RC; et al:

Vendelbo L See Schifter S
Venkataraman PS; Han BK; Tsang RC; et al:
secondary hyperparathyroidism and bone disease in infants receiving long-term furosemide therapy, (Radiology), 153: 274, 1984
Venot A; Leclerc V: automated correction of patient motion and gray values prior to subtraction in digitized angiography, (Radiology), 156: 863, 1985

Venot A; Liehn J-C; Lebruchec J-F; et al: automated comparison of scintigraphic images, (J Nucl Med), 27: 1337, 1986

Vento JA See Slavin JD Jr Vento JA; Edkin R; Slavin JD Jr; et al: multifocal osteogenic sarcoma in the seventh decade, (Clin Nucl Med), 11: 282, 1986

Vento JA; Slavin JD Jr; O'Brien JJ; et al: bilateral "simultaneous" femoral neck fractures following minimal stress, (Clin Nucl Med), 11: 411, 1986

Vento JA; Slavin JD Jr; Reardon GE; et al: Graves disease: initial presentation with exophthalmos and solitary hot nodule, (Clin Nucl Med), 11: 404, 1986 Ventura J See Morris TW

Venu RP; Geenen JE; Hogan WJ; et al: role of endoscopic retrograde cholangiopancreatography in the diagnosis and treatment of choledochocele, (Radiology), 156:

856, 1985

Yenugopal P; Kaul U; Iyer KS; et al: fate of
thrombectomized Bjork-Shiley valves: longterm cinefluoroscopic, echocardiographic, and
hemodynamic evaluation, (Radiology), 161: 285,

Vera DR; Krohn KA; Stadalnik RC; Scheibe PO: Tcvera UN; NTONN NA; Stadalnik KC; Scheibe PO: T 99m-galactosyl-neoglycoolbumin: in vivo characterization of receptor-mediated binding to hepatocytes. (Radiology). 151: 191, 1984 Verani MS See Rokey R Verani R See Kim EE Verba JW See Pettigrew RI Verband: II. Determine The December 1

Verbanck JJ; Rutgeerts LJ; Douterlungne PH; et al: sonographic and pathologic correlation in intussusception of the bowel, (JCU), 14: 393,

Verbeeten B Jr See Castelijns JA Verbeeten B Jr See de Visser M Verbeken E See Marchal GJF Verbiest H See van Schaik JJP

Verbiest H See Van Schaik JJF
Verbout AJ See Kieft GJ
Verco PW; Barbary J; Enthoven C: Turner's
syndrome, (Australas Radiol), 30: 74, 1986
Vercoutere AL; O'Connell TX: carcinoma of the
male breast: update, (Radiology), 156: 270, 1985
Vered Z See Meltzer RS
Verbaren H See Kunner M

Verhaaren H See Kunnen M Verhoef WA See Cloostermans MJTM Verhoeven I. See Balter S

Verlinski Y See Cadkin AV Vermakov V See Krasnow N

Vermakov V See Krasnow M; Vermesh M; Mayden KL; Confino E; et al: prenatal sonographic diagnosis of Hirschsprung's disease, (I Ultrasound Med), 5: 37, 1986 Vermess M See Di Chiro G Vermess M See Havelaar IJ Vermess M See Miller DL

Vermess M See Miller DL

Vermess M See Sugarbaker PH

Vermess M; Bernstein RM; Bydder GM; et al:
nuclear magnetic resonance (NMR) imaging of
the brain in systemic lupus erythematosus,
(Radiology), 151: 270, 1984

Vermess M; Leung AW-L; Bydder GM; et al: MR
imaging of the liver in primary hepatocellular
carcinoma, (ICAT), 9: 749, 1985

Vermey A See Blankestijn J Vermund H; Brennhovd IO; Kaalhus O; Poppe E:

Vermund H; Brennhovd IO; Kaalhus O; Poppe E: squamous-cell carcinoma of the tongue: preoperative interstitial radium and external irradiation. part I: local and regional control, (Radiology), 151: 499, 1984

Vermund H; Brennhovd IO; Kaalhus O; Poppe E: squamous-cell carcinoma of the tongue: preoperative interstitial radium and external irradiation. part II: survival, (Radiology), 151: 505, 1984

Vernacchia FS; Jeffrey RB Jr; Laing FC; et al: sonographic recognition of pneumatosis intestinalis, (AJR), 145: 51, 1985

Vernick DM; Graham MD; McClatchey KD: intralabyrinthine schwannoma, (Radiology), 156: 279, 1985

Vernon WB See Iglehart JD
Veronesi U; Zucali R; Luini A: local control and survival in early breast cancer: Milan trial, (Int J Radiat Oncol Biol Phys), 12: 717, 1986

Verreault J; Cote C: flip-flop phenomenon and dissection of extracranial carotid artery, (Clin Nucl Med), 11: 251, 1986

Verrier ED See Moore EH Verschakelen J See Marchal GJF

verschakelen J see Marchal GJF Verstandig A See Bloom RA Verstandig A See Burke DR Verstandig A See Levine MS Verstandig AG: Banner MP; Van Arsdalen KN; Pollack HM: upper urinary tract calculi-extrusion into perinephric and periureteric

tissues during percutaneous management, (Radiology), 158: 215, 1986 Versveld G See Beighton P Verta MJ; Vitello J; Fuller J; adductor canal compression syndrome, (Radiology), 153: 564,

Vertosick FT See Wilberger JE Vesely JJ See Schey WL Vestergard-Andersen T See de Carvalho A Vesterskold L See Jacobsson H Vettori C See Livraghi T

Veyrac C; Couture A: normal and pathologic choroid plexus ultrasound, (Radiology), 158: 282, 1986

282, 1986

Veyrat C; Lessana A; Abitol G; et al: new indexes for assessing aortic regurgitation with two-dimensional Doppler echocardiographic measurement of the regurgitant aortic valvular area, (Radiology), 152: 264, 1984

Vezina CT; McLoughlin MJ; St. Louis EL; et al: cystic lesions of the adrenals: diagnosis and management, (Radiology), 155: 272, 1985

Vezina JA: compensation filter for shoulder radiography, (Radiology), 155: 823, 1985

Vezina IL See Nicolet V

Vezina JL: See Nicolet V
Vezina JL: Fox AJ: double blind study of the toxicity
of intrathecal iopamidol and metrizamide in
lumbar myelography, (Radiology), 155: 555, 1985

Vezina WC; Grace DM; Chamberlain MJ; et al: gastric emptying before and after transverse gastroplasty for morbid obesity, (Clin Nucl Med), 11: 308, 1986

Vial M See Labrune M Viallet A See Lafortune M Viamonte M Jr See Ros PR Viamonte M Jr See Soila KP

Viamonte M Jr: clinical radiology of the liver. parts A and B, (Radiology), 151: 376, 1984

Viaud C See Lesoin F

Vibhakar SD; Bellon EM: bare area of the spleen: a constant CT feature of the ascitic abdomen, (AJR), 142: 953, 1984

(A)R), 142: 953, 1984
Yibhakar SD; Eckhauser C; Bellon EM: computed tomography of the nasopharynx and neck, (Radiology), 151: 553, 1984
Vici L-G See Hahn PF

Vick CW See Allen HA III Vick CW See Cook DE Vick CW See Freeman MP Vick CW See Sawyer RW Vick CW See Walsh JW

Vick CW See Walsh JW
Vick CW; Bird K; Rosenfield AT; Klein FA;
Schneider V; Walsh JW; Brewer WH:
extratesticular hemorrhage associated with
torsion of the spermatic cord: sonographic
demonstration, (Radiology), 158: 401, 1986
Vick CW; Walsh JW; Wheelock JB; et al: CT of the
normal and abnormal parametria in cervical
cancer. (AJR), 143: 597, 1984
Vick CW; Walsh JW; Wheelock JB; Brewer WH:
computed tomographic evaluation of
parametrial extension from cervical cancer,
(Radiographics), 4: 787, 1984
Vick CW; Zeman RK; Mannes E; et al: adrenal
myelolipoma: CT and ultrasound findings,
(Radiology), 153: 563, 1984
Vick CW III See Pintauro WL
Vickers DW See Foote KD

Vickers DW See Foote KD

Videll JS; Lumia FJ; Germon PA; et al: radionuclide angiography in the quantitation of mitral regurgitation, (Radiology), 157: 287, 1985 Videman T See Langenskiold A

Vielvoye GJ See de Lange EE Vielvoye GJ See Roos RAC

Vieras F: evolution of acute epididymitis to testicular infarction: scintigraphic demonstration, (Clin Nucl Med), 11: 158, 1986

Vieras F: serendipitous lymph node visualization during bone imaging, (Clin Nucl Med), 11: 434, 1986

Vieto R See Samaan NA Vignaud J See Berges O Vigo M See Corbetti F

Vigo M See Corbetti F Vigorita VJ See Healy JH Vigorita VJ See Rao AS Vijayakumar S; Muller-Runkel R: medulloblastoma Vijayakumar S; Muller-Runkel R: medulloblastoma (Radiology), 157: therapy using electron bean 541, 1985

941, 1969
Vijayamohan G See Reddy SC
Vik-Mo H See Haugland H
Vikram B; Strong EW; Shah JP; et al: second
malignant neoplasms in patients successfully
treated with multimodality treatment for
advanced head and neck cancer, (Radiology), 153: 283, 1984

Vilcoq JR See Calle R

Villafan T See Stanton L

Villafan T See Stanton L

Villafan T See Stanton L

Villafan See Stanton L

diagnosis and quantitation of pulmonary arteriovenous malformations by factor analysis, (Clin Nucl Med), 11: 88, 1986

Villanueva-Meyer J; Philippe L; Cordero S; et al: use of factor analysis in the evaluation of left to right cardiac shunts, (J Nucl Med.), 27: 1442, 1986

Villarica J; Gross RC: treatment of angioplasty-

Villarica J; Gross RC: treatment of angiopiasty-related iliac-artery rupture without bypass surgery (case report), (AJR), 147: 389, 1986 Villasenta U; Whitley NO; Haney PJ; et al: computed tomography in invasive carcinoma of the cervix: an appraisal, (Radiology), 151: 555,

Villemure JG See Theron J Villemure J-G; Meagher-Villemure K: giant ossifying fibroma of the skull, (Radiology), 150: 293, 1984

Villforth JC: medical radiation protection: a long view, (AJR), 145: 1114, 1985
Vilppula AJ: Jussila TUA; Kokko AM-L: atlanto-axial dislocation in an 18-year-old female with yersinia arthritis, (Radiology), 157: 280, 1985

Vincent LM See Curnes JT Vincent LM See Durrell CA III Vincent LM See Parker LA

Vincent LM See Parker LA
Vincent LM; McCartney WH; Flynn TC: unusual
hepatic uptake pattern of technetium-99m
sulfur colloid and technetium-99m HDP in
amyloidosis, (Clin Nucl Med.) 11: 436, 1986
Vincent LM; Mauro MA; Mittelstaedt CA: lesser sac

and gastrohepatic recess: sonographic appearance and differentiation of fluid collections, (Radiology), **150**: 515, 1984

Vincent LM; Mittelstaedt CA: sonographic demonstration of endometrioma arising in cesarean scar, (J Ultrasound Med), 4: 437, 1985

Vincent LM; Parker LA; Mittelstaedt CA: sonographic appearance of an epidermal inclusion cyst, (J Ultrasound Med), 4: 609, 1985 Vincent ME See Gale ME

Vincent ME; Robbins AH: mycobacterium avium-

intracellulare complex enteritis: pseudo-Whipple disease in AIDS, (AJR), 144. 921, 1985 Vincent ME, Robbins AH, Spechler 9J; Doos WG, Schimmel EM: reticular pattern as a radiologic sign of the Barrett esophagus: reply, (Radiology), 156: 843, 1985

(Radiology), 156: 843, 1985 Vincent ME; Robbins AH; Spechler SJ; Schwartz R; Doos WG; Schimmel EM: reticular pattern as a radiographic sign of the Barrett esophagus: an assessment, (Radiology), 153: 333, 1984 Vincent ME; Robbins AH; Walsh M; et al:

evaluation of Blom-Singer voice prosthesis, (AJR), 143: 745, 1984 Vincenti F See Hoddick WK

Vindekilde J See Kuppuswami N Vine AK See Blane CE Vines FS See Eisenberg RA Vines FS See Tisnado J

Vingilis JJ See Finkelstein MM

Vinighis JJ See Finkeistein MM
Vinitski SJ, Pearson MG; Karlik SJ; et al:
differentiation of parenchymal lung disorders
with in vitro proton nuclear magnetic
resonance, (Magn Res Med), 3: 120, 1986

Vinograd I See Alpan G

Vinograd I; Mogle P; Peleg O; et al: meconium disease in premature infants with very low birth weight, (Radiology), 152: 851, 1984

Vinson AM; Wilcox CW; Knight MR; Sigfred SV: management of clotted angiographic catheters, (Radiology), 152: 229, 1984 Vintzileos AM See Campbell WA

Vintzileos AM; Campbell WA; Neckles S; et al: ultrasound femur length as a predictor of fetal length, (Radiology), 156: 283, 1985 Vintzileos AM; Neckles S; Campbell WA; et al:

ultrasound fetal thigh-calf circumferences and gestational age-independent fetal ratios in normal pregnancy, (J Ultrasound Med), 4: 287,

Vinuela F See Dion JE

Vinuela FV; Fox AJ; Pelz DM; et al: angiographic follow-up of large cerebral AVMs incompletely embolized with isobutyl-2-cyanoacrylate, (AJNR), 7: 919, 1986

Vinuela FV See Ebers GC Vinuela FV See Fox AJ Vinuela FV See Kan S Vinuela FV See Kumar AJ

Vinuela FV See Omojola MF Vinuela FV See Pelz DM Vinuela FV See Spiegel SM

Vinuela FV; Debrun GM; Fox AJ; et al: dominant-hemisphere arteriovenous malformations: therapeutic embolization with isobutyl-2-cyanoacrylate, (Radiology), 152: 552, 1984

Vinuela FV; Fox AJ; Chang JK; et al: clinico-radiological spectrum of giant supraclinoid internal carotid artery aneurysms, observations in 93 cases, (Radiology), 154: 278, 1985

Vinuela FV; Fox AJ; Debrun GM; et al: preembolization superselective angiography: role in the treatment of brain arteriovenous malformations with isobutyl-2 cyanoacrylate, (AJNR), 5: 765, 1984

Vinuela FV; Fox AJ; Debrun GM; et al: spontaneous carotid-cavernous fistulas: clinical, radiological, and therapeutic considerations, experience with 20 cases, (Radiology), 154: 278, 1985

Violante MR See Lauteala L Vion-Dury J See Debaene A Virapongse C See Bhimani S Virapongse C See Buckwalter JA Virapongse C See Sarwar M

Virapongse C; Bhimani SM; Sarwar M;
Greenberg A; Kim J: prolactin-secreting
pituitary adenomas: CT appearance in diffuse
invasion. (Radiology), 152: 447, 1984
Virapongse C; Mancuso AA; Quisling RG: human
brain infarcts: imaging by MR enhanced GdDTPA. (Radiology), 161: 785, 1986
Virapongse C; Sarwar M; Bhimani SM; et al:
computed tomography in the study of the
development of the skull base: 2. anencephaly,
the aberrant skull form. (JCAT), 9: 95, 1985
Virapongse C; Sarwar M; Bhimani SM; et al:
computed tomography of temporal bone
pneumatization: 1. normal pattern and
morphology. (AJNB, 6: 551, 1985
Virapongse C; Sarwar M; Bhimani SM; et al:
computed tomography of temporal bone
pneumatization: 2. petrosquamosal suture and
septum. (AJNR), 6: 561, 1985
Virapongse C; Sarwar M; Bhimani S; et al: skull
phylogeny: an investigation using radiography
and high-resolution computed tomography.
(AJNR), 5: 147, 1984
Virapongse C; Shapiro R; Sarwar M; et al:

(AJNR). 5: 147, 1984

Virapongse C; Shapiro R; Sarwar M; et al:
computed tomography in the study of the
development of the skull base: I. normal
morphology, (JCAT), 9: 85, 1985

Virjee J See Stoddart PGP

Virjee J See Vellacott KD

Virmani R; Robinowitz M; Atkinson JB; et al:
acoujied coronary arterial aneurysms: auto

Virmani R; Robinowitz M; Atkinson JB; et al:
acquired coronary arterial aneurysms: autopsy
study of 52 patients, (Radiology), 161: 861, 1986
Virtama P: radiologie des femoro-patallargelenkes,
(Radiology), 154: 70, 1985
Viscarello RR See Peyster RG
Viscomi GN See Richman TS
Viscomi GN See Richman TS
Viscomi GN See Zeman RK
Visona A; Lusiani L; Castellani V; et al: echoDoppler (duplex) system for the detection of
vertiberal artery occlusive disease comparison

vertebral artery occlusive disease: comparisor with angiography, (J Ultrasound Med), 5: 247,

1986
Visser CA; van der Wieken RL; Kan G; et al:
comparison of two-dimensional
echocardiography with radionuclide
angiography during dynamic exercise for the
detection of coronary artery disease,
(Radiology), 152: 263, 1984
Vitaux F See Cavailloles F
Vitek JJ See Chakraborty DP
Vitek JJ See Chakraborty DP
Vitek JJ See Duvall ER
Viser JF: Kulter FS: Duvall ER - Guota KL; Chandy

Vitek JJ See Duvall ER
Vitek JJ; Keller FS; Duvall ER; Gupta KL; ChandraSekar B: brachiocephalic artery dilation by
percutaneous transluminal angioplasty,
(Radiology), 158: 779, 1986
Vitek JJ; Raymon BC; Oh SJ: innominate artery
angioplasty, (AJNR), 5: 113, 1984
Vitello J See Verta MJ
Vitoux J-F See Flessinger J-N
Vitoux J-F See Flessinger J-N
Vitoux J-F See Fornes JM
Vitorio P See Kollath J
Vitulo D See D'Cruz IA
Vivian G See Gordon I Vivian G See Gordon I Vix VA See Conces DJ Jr Vlodaver Z See Lund G

Vocaturo G; Colombo F; Zanoni M; et al: human exposure to heavy metals: rare earth pneumoconiosis in occupational workers, (Radiology), 150: 611, 1984 Vock P See Hedlund LW

Vock P See Osborne DR Vock P; Hodler J: cardiophrenic angle adenopathy: update of causes and significance, (Radiology), 159: 395, 1986

159: 395, 1986

Vock P, Spiegel T; Fram EK; et al: CT assessment of the adult intrathoracic cross section of the trachea, (JCAT), 8: 1076, 1984

Voegeli DR See Bennett LN

Voegeli DR See Jensen SR

Voegeli DR; Crummy AB; McDermott JC;

Jensen SR; Montague TL: percutaneous management of the urological complications of renal transplantation, (Radiographics), 6: 1007, 1986 Voet R See Schultz SM

1986
Voet R See Schultz SM
Vogel H; Rodriguez HCG; Gomez MZ; et al:
intestinal perforation in abdominal typhus in
childhood, (Radiology), 150: 290, 1984
Vogel R See Rabinovitch MA
Vogel R See Rabinovitch MA
Vogel R See Bates ER
Vogel S See Pearse DM
Vogel SG See Andrews RC
Vogelsang H See Muller-Vahl H
Vogelsten E See Wandtke JC
Vogelzang RL See Anschuetz SL
Vogelzang RL See Anschuetz SL
Vogelzang RL See Bressler EL
Vogelzang RL See Friedman H
Vogelzang RL See Friedman H
Vogelzang RL See Fuld II
Vogelzang RL See Fuld II
Vogelzang RL See Fuld II
Vogelzang RL See Spies WG
Vogelzang RL

Vogelzang RL; Gore RM; Neiman HL; et al: inferior vena cava CT pseudothrombus produced by rapid arm-vein contrast infusion, (AJR), 144: 843, 1985

Vogl T See Bauer WM Vogl TH; Bauer M; Seiderer M; et al: nuclear magnetic resonance tomography in Hallervorden-Spatz syndrome, (Radiology), **154**: 564, 1985

Vogler JB III See Hardy DC Vogler JB III See Helms CA Vogler JB III See Richardson ML

Vogler JB III; Brown WH; Helms CA; Genant HK: normal sacroiliac joint: a CT study of asymptomatic patients, (Radiology), 151: 433, 1984

Vogt S See Burckhardt D Vogt 5 See Burckhardt D Voight H See Brockmann WP Volberding P See Moon KL Jr Volberg F See Baker A Volke B See Brambs HJ Volk BA See Scholmerich J Volkman DJ See Miller DL Volke A Langl D, Bayer B, Volke KL

Volkman D) see Miller DL Volle E; Hanel D; Beyer P; Kaufmann HJ: ingested foreign bodies: removal by magnet, (Radiology), 160: 407, 1986 Vollmann W See Matthaei D

Vollmann W See Matthaei D
Volterrani L See Solbiati L
von der Maase H See Rorth M
von der Maase H See Schultz HP
von der Maase H See Schultz HP
von der Maase H See Vaeth M
von der Maase H; Engelholm SA; Rorth M; et al:
non-seminomatous testicular germ cell tumors
in Denmark, 1976–1980: results of treatment,
(Radiology), 156: 286, 1985
von der Maase H; Magnusson K; Sveninsson T:
combined irradiation and three-drug
chemotherapy in inoperable colorectal

combined tradiation and three-drug chemotherapy in inoperable colorectal carcinoma, (Radiology), 150: 871, 1984 von Einsiedel HG; Stepan R: magnetic resonance imaging of spinal cord syndromes, (Radiology), 158: 571, 1986

von Hochstetter A See Nidecker AC von Hochstetter AR See Shokry A von Holst H See Mosskin M

von Frogh J See Lien HH
von Krogh J; Lien HH; Ous S; et al: alterations in
the CT image following retroperitoneal
lymphadenectomy in early stage nonseminomatous testicular tumor, (Radiology), 159: 286, 1986

159: 286, 1986
von Kummer R See Knapp WH
von Ramm OT See Smith SW
von Reutern G-M See Arnolds BJ
von Rottkay P: CT signs of ischemic muscle
necrosis, (JCAT), 9: 833, 1985
von Schulthess GK See McMurdo KK
von Schulthess GK See McMurdo KK
von Schulthess GK, Sieher MR, Crooks LE;
Higgins CB: gated MR imaging of the heart:
intracardiae signals in patients and healthy
subjects, (Radiology), 156: 125, 1985
von Schulthess GK; Higashino SM; Higgins SS;
Didier D, Fisher MR; Higgins CB: coarctation
of the aorta: MR imaging, (Radiology), 158: 469,
1986

1986
von Schulthess GK; Higgins CB: blood flow imaging with MR: spin-phase phenomena, (Radiology), 157: 687, 1985
von Schulthess GK; McMurdo KK; Tscholakoff D; de Geer G; Gamsu G; Higgins CB: mediastinal masses: MR imaging, (Radiology), 158: 289, 1986
Voorhees DR; Daffner RH; Nunley JA; et al: carpal ligamentus distructions and pegative ultars.

Voorhees DR; Daffner RH; Nunley JA; et al: carpal ligamentous disruptions and negative ulnar variance, (Radiology), 157; 851, 1985
Voorhees RL; Johnson DW; Lufkin RB; et al: high resolution CT scanning for detection of cholesteatoma and complications in the postoperative ear. (Radiology), 151: 828, 1984
Voorhess ML See Lindsay AN
Voorhies RM See Merritt CRB
Voorhies TM See Lee BCP
Voorhies TM; Lipper EG; Lee BCP; et al: occlusive vascular disease in asphyxiated newborn infants, (Radiology), 154: 851, 1985
Voormolen JHC See de Lange EE
Voormolen JHC See Roos RAC
Vorstrup S See Shirahata N

Vorstrup S See Shirahata N

vorstrup 5 See Shirahata N
Vos PH; Pauwels EKJ; Vossepoel AM: thallium
myocardial perfusion scintigraphy: influence of
perfusion, scatter, and photon energy on the
detection of lesions, (Cardiovasc Intervent
Radiol), 9: 7, 1986

Radiol), 9: 7, 1986 Vose WF See Herman GT Vossen P See Rigaux A Vossepoel AM See Vos PH Votruba J See Lufkin RB Vought MB See Neagley SR Vracko R See Ritchie JL Vries JK See Wilberger JE Vrla RF See Sider L

Vu D: l'ultrasonographie renale (renal ultrasound). 2d ed., (Radiology), 160: 644, 1986 Vu LH See Morris RE

Vucich JJ See Fearon T Vucich JJ See Miller DL Vucinich JL See McCain AH Vuitton D See Didier D Vujic I See Curry NS Vujic I See Gobien RP Vujic I See Loevinger EH Vujic I See Moore LB Vujic I See Reinig JW

Vujic I See Reinig JW
Vujic I See Sanchez FW
Vujic I; Andersen BI; Stanley JH; Gobien RP:
pancreatic and peripancreatic vessels:
embolization for control of bleeding in
pancreatitis, (Radiology), 150: 51, 1984
Vujic I; Moore L; McWey RE: retrieval of coil after
unintentional embolization of ileocolic artery,
(Radiology), 160: 563, 1986
Vujic I; Stanley JH; Gobien RP; et al: embolic
management of rare hemorrhagic gynecologic
and obstetrical conditions, (Cardiovasc
Intervent Radiol), 9: 69: 1986

Intervent Radiol), 9: 69, 1986

Vujic I; Stanley JH; Tyminski LJ; et al: computed tomographic demonstration of hemobilia, (Radiology), 150: 296, 1984 Vukanovic S; Hauser H; Curati WL: myonecrosis

induced by drug overdose: pathogenesis, clinical aspects and radiological manifestations, (Radiology), 152: 551, 1984 Vuletin JC See Sclafani SJA

Vuyk HD; Snow GB; Tiwari RM; et al: granular cell tumor of the proximal esophagus, (Radiology), 156: 264, 1985

130: 264, 1985

Vyberg M; Miskowiak J; Nielsen SL; et al: eccal angiodysplasia localized by <sup>93m</sup>technetium blood-pool scintigraphy and specimen venography, (Cardiovasc Intervent Radiol), 9: 28, 1986

25, 1986 Vyborny C; MacMahon H: foil filters for equalized chest radiography, (Radiology), 151: 524, 1984 Vyborny CJ See MacMahon H Vyborny CJ See Sabau MN

Vyborny CJ; Merrill TN; Geurkink RE: difficult mammographic needle localizations: use of alternate orthogonal projections, (Radiology), 161: 839, 1986
Vydareny KH See Blane CE

Waag Kl.; Gerein V; Kornhuber B; et al: synovial sarcoma in childhood, (Radiology), 155: 552, 1985

Waag RC See Parker KJ

waag KC, See Farker KJ Wackenheim A; Burguet JL; Sick H: section of the odontoid process by a shortened transverse ligament (a possible etiology for the mobile odontoid), (Neuroradiol), 28: 281, 1986

Wackers FJT; Fetterman RC; Mattera JA; et al: quantitative planar thallium-201 stress scintigraphy: critical evaluation of the method, (Semin Nucl Med), 15: 46, 1985

Wada M See Oshima M Wade CT See Lo WWM Wade CT See Solti-Bohman LG

Wadsworth DE; McClennan BL: benign causes of acquired ureteropelvic junction obstruction: a uroradiologic spectrum, (Radiology), 150: 855,

Waer M See Wilms G Wag E See Kaukiainen M Wagar H See Lupien C Wagener DJT See Strijk SP

Wagener G; Sandler M; Hough FS: case of the month: case of the missing sign, (Br ) Radiol), 59: 287, 1986

Wagle WA; Smith TW; Weiner M: intracerebral

Wagle WA; Smith TW; Weiner M: intracerebral hemorrhage caused by cerebral amyloid angiopathy: radiographic-pathologic correlation, (AJNR), 5: 171, 1984
Wagner DK; Varkey B; Sheth NK; et al: epidural abscess, vertebral destruction, and paraplegia caused by extending infection from an aspergilloma, (Radiology), 156: 854, 1985
Wagner HN Jr See Bice AN
Wagner HN Jr See Frost JJ
Wagner HN Jr See Scheffel U
Wagner HN Jr See Scheffel U
Wagner HN Jr See Scheffel U

Wagner FIN Jr. see Scheller U
Wagner HN Jr. quantitative imaging of
neuroreceptors in the living human brain,
(Semin Nucl Med), 16: 51, 1986

(Semin Nucl Med). 16: 51, 1986
Wagner LK See Cohen G
Wagner LK See Edeiken-Monroe B
Wagner LK; Archer BR, Zeck OF: conceptus dose from two state-of-the-art CT scanners, (Radiology), 159: 787, 1986
Wagner ML See Woodruff WW III
Wagner P-K See Duber C
Wagner W, Ahlbrand P; Bottcher HD; et al: diverticulum of the duodenum—possibility of false diagnosis of tumor of the pancreatic head, (Radiology), 157: 574, 1985

Wagner-Mann C See Gross DR Wagoner MD See Ni C Wahl A See Rofstad EK

Wahl R See Schwerk WB Wahl RL See Glowniak JV Wahl RL See Lynn MD

Wahl RI. See Wilton GP Wahl RL See Ziessman HA

Wahl RL: "water-ida": a simple means to separate duodenal from gallbladder activity on cholescintigraphic studies, (Radiology), 155: 558 1985

Wahl RL; Lee ME: pelvic radionuclide angiography in the diagnosis of gastrointestinal bleeding, (Radiology), 151: 793, 1984

Wahl RL; Tuscan MC; Botti JM: dynamic variable background subtraction: simple means of displaying radiolabeled monoclonal antibody scintigrams, (J Nucl Med), 27: 545, 1986

Wahl Rt, Ziessman HA; Juni J; et al: gastric air contrast: useful adjunct to hepatic artery scintigraphy, (AJR), 143: 321, 1984 Wahner HW See Guerin CK

Wahner HW; Dunn WL; Mazess RB; Towsley M; Lindsay R; Markhard L; Dempster D: dual-photon Gd-153 absorptiometry of bone, (Radiology), 156: 203, 1985 Wai PM See King DL

Wain SL See Kier R

wain SL See Niet K
Wain SL; Roggli VL; Foster WL Jr: parietal pleural
plaques, asbestos bodies, and neoplasia. a
clinical, pathological, and roentgenographic
correlation of 25 consecutive cases, (Radiology),
155: 847, 1985

Waite N See Acharya U Wajnapel H See Marsot-Dupuch K Wajsman LZ See Park HC

Wajsman Z See Varma J Wakabayashi T; Fujita S; Ohbora Y; et al: polycystic kidney disease and intracranial aneurysms: early angiographic diagnosis and early operation for the unruptured aneurysm, (Radiology), 150: 290, 1984

Wakisaka S See Ueda T Walbaum PR See McDonald CF

Walbom-Jorgensen S See Aabo K Walczak TS See Kim KS Wald ER See Bergman I Wald ER See Kotloff KR Wald ER See Li KI Wald LM See Tupper TB

Wald N See Gur D Wald V See Chodak GW Walden C See Cornwell J Waldmann TA See Miller DL

Waldmrf I, V san Heerden JA; Gorman CA; et al:
[75Se]selenomethionine scanning for
parathyroid localization should be abandoned,
(Radiology), 155: 286, 1985
Waldron JA Jr See Adcock KA

Waldron RL II; Abbott DC; Vellody D: computed tomography in preeclampsia-eclampsia syndrome, (AJNR), 6: 442, 1985 Waldroup LD See Benson DM Wales LR See Bush WH

Wales LR; Azose AA: saphenous varix: ultrason diagnosis, (J Ultrasound Med), 4: 143, 1985 Walker AC See Carr DH us variv ultrasonic

Walker AC; Carr DH: reactions to radiographic contrast media: attempt to detect specific anti-contrast medium antibodies in the sera of reactor patients, (Br J Radiol), 59: 531, 1986

Walker FC Jr; Loney LC; Root ER; et al: diagnostic evaluation of adult polycystic kidney disease in childhood, (AJR), 142: 1273, 1984

Walker J See Crawford AJ

Walker J.; Walling AK: Ogilvie's syndrome in orthopaedic patients, (Radiology), 159: 286, 1986 Walker MD; Bennett WF: iliac bone marrow harvesting: CT appearance, (JCAT), 9: 1148, 1985 Walker MJ See Mantravadi RVP

Walker ML See Sherry RG Walker R, Lieberman AN; Pinto R; et al: transient neurologic disturbances, brain tumors and normal computed tomography scans, (Radiology), 151: 826, 1994 Walker RD III See Williams JL

Walker RM; Oliver TW Jr; McCain AH; Sones PJ Jr; Bernardino ME: computed tomography and sonography of hepatic cirrhosis and portal hypertension, (Radiographics), 4: 677, 1984

Walker RW See Lee BCP Walker SC See Ziessman HA Walker WG See Gatewood OMB

Wall BE See Wolfman NT Wall BE; Wolfman NT; Williams R; Moran PR: dedicated MR receiver coils: simple design and construction method, (Radiology), 160: 273, 1986

Wall BF See Shrimpton PC Wall C See Baines CI Wall M See Ey EH

can mj; reyster KG; Finkelstein SD; et al: unique case of neurosarcoidosis with pineal and suprasellar involvement: CT and pathological demonstration, (JCAT), 9: 381, 1985

Wall SD See Berk RN

Wall SD See Domas BE

Wall SD See Domas GC Wall MJ; Peyster RG; Finkelstein SD; et al: unique

Wall SD See Dooms GC Wall SD See Fisher MR Wall SD See Wolf K-J Wall SD; Fisher MR; Amparo EG; et al: magnetic resonance imaging in the evaluation of abscesses, (A)R), 144: 1217, 1985

Wall SD; Hricak H; Bailey GD; et al: MR imaging of pathologic abdominal fluid collections. (ICAT). pathologic abdo 10: 746, 1986

Wall SD; Ominsky S; Altman DF; et al: multifocal abnormalities of the gastrointestinal tract in AIDS, (AJR), 146: 1, 1986

abnormalities of the gastrointestinal tract in AIDS, (AJR), 146: 1, 1986
Wall WJ See Olutola PS
Wallace AC See Dion JE
Wallace AC See Dion JE
Wallace MR; Batra P; Gong H Jr; et al: percutaneous needle lung aspiration for diagnosing pneumonitis in the patient with acquired immunodeficiency syndrome (AIDS), (Radiology, 156: 853, 1985
Wallace JM; Batra P; Gong H Jr; et al: percutaneous needle lung aspiration for diagnosing pneumonitis in the patient with acquired immunodeficiency syndrome (AIDS), (Radiology, 166: 572, 1986
Wallace MJ; Charnsangavej C; Ogawa K; Carrasco CH; Wright KC; McKenna R; McMurtrey M; Gianturco C: tracheobronchial tree: expandable metallic stents used in experimental and clinical applications. work in progress, (Radiology, 158: 309, 1986
Wallace MP; Betsill WL: papillary carcinoma of the thyroid gland seen as lateral neck cyst, (Radiology, 154: 357, 1985
Wallace RL See Hoadley SD
Wallace S See Bechtel W
Wallace S See Carrasco CH

Wallace S See Carrasco CH Wallace S See Charnsangavej C Wallace S See Kudo S Wallace S See Lee Y-Y Wallace S See Shirkhoda A

Wallace S See Shirkhoda A
Wallace S See Szwarc IA
Wallace S See Woods DM
Wallace S See Wright KC
Wallace S; Charnsangavej C; Carrasco CH;
Bechtel WJ: ethanol for hepatic artery
embolization, (Radiology), 152: 821, 1984
Wallenborn PA; Postma DS; radiation recall

TRAILENDORN PA; Postma DS: radiation recall supragiotitis. a hazard in head and neck chemotherapy, (Radiology), 155: 558, 1985
Wallgren A; Arner O; Bergstrom J; et al: radiation therapy in operable breast cancer: results from the Stockholm trial on adjuvant radiotherapy, (Int J Radiat Oncol Biol Phys), 12: 533, 1986
Walling AK See Walker JI.
Walling IM Sae Ahmed J

Walling JM See Ahmed I

walling JM; Stratford IJ; Adams GE; et al: studies on the mechanisms of the radiosensitizing and cytotoxic properties of RSU-1069 and its analogues, (Int J Radiat Oncol Biol Phys), 12: 1083, 1986

1083, 1986
Wallis C See Speller RD
Wallis JW; Wu-Connolly L; Rocchini AP; et al:
dynamic arrhythmia filtration for gated bloodpool imaging: validation against list mode
technique (J Nucl Med), 27: 1347, 1986
Wallman J See Chinwuba C

Wallner K; Li GC: adriamycin resistance, heat resistance and radiation response in Chinese hamster fibroblasts, (Int J Radiat Oncol Biol Phys), 12: 829, 1986

Walsh JW See Allen HA III Walsh JW See Cook DE Walsh JW See Haynes JW Walsh JW See Sawyer RW Walsh JW See Vick CW

Walsh JW See Zerhouni EA

Walsh JW; Vick CW: pelvic mass, (Clin Diagn Ultrasound), 14: 167, 1984 Walsh M See O'Brien TM

Walsh M See Vincent ME
Walsh MN; Fischer GG; Anderson D; et al: fatal
intracranial extention of spinal hemorrhage
after lumbar puncture, (Radiology), 155: 859,
1985

1985
Walsh PC See Dahnert WF
Walsh PC See Dahnert WF
Walsh RA See Starling MR
Walsh TJ; Bekerman C; Chausow A; et al: value of
gallium-67 scanning in pulmonary tuberculosis
(Radiology), 158: 857, 1986
Walt RM Jr; Calcaterra TC: lower alveolar
carcinoma. segmental v marginal resection,
(Radiology), 151: 827, 1984
Walter CA See Moneya 1, 1984

Walter GA See Hoover LA Walter JF See Kim D Walter JF See Marini K Walter JF See Palmaz JC Walter JP See Durckel J

Walter Walter JP See Lindfors KK Walter JP See McGahan JP watter JF see McGahan JP
Walter JF: physics of high-resolution
ultrasound—practical aspects, (Radiol Clin
North Am), 23: 3, 1985
Walter JF; McGahan JF; Lantz BMT: absolute flow
measurements using pulsed Doppler US: work
in progress, (Radiology), 159: 545, 1986
Walter R See Sandler MA Walter R See Sandler MA
Walters MR See Pollei S
Walther FJ; Siassi B; Wu PYK: echocardiographic
measurement of left ventricular stroke volume
in newborn infants: correlative study with
pulsed Doppler and M-mode echocardiography,
(JCU), 14: 37, 1986
Walther MM See Bernardino ME Walther PC See Harris RD
Walther PC See Harris RD
Walther PJ; Robertson CN; Paulson DF: lethal
complications of standard self-retaining ureteral
stents in patients with ileal conduit urinary
diversion, (Radiology), 157: 280, 1985 Walther V See Schuller J Waltman AC See Eckstein MR Walton J See Rabinovitch MA Walton J See Rabinovitch MA

Walton J: change, challenge and responsibility in medicine, (Clin Radiol), 37: 1, 1986

Walton L; Martin TRP; Collins M: prospective assessment of the aorto-ilias segment by visual interpretation of frequency analyzed Doppler wave-forms—comparison with arteriography, (Radiology), 152: 867, 1984

Walton MI See Roberts JT

Waltzer W See Goodman K Waltzer W See Goodman K Waluch V See Bradley WG Jr Waluch V See Lo WWM
Waluch V; Bradley WG Jr: NMR even echo
rephasing in slow laminar flow, (Radiology),
155: 283, 1985 Wan CW See Woo JSK Wan MCW See Woo JSK Wan MCW See Woo JSK
Wandtke JC See Lampeter WA
Wandtke JC: computed tomography of the chest,
(Radiology), 156: 448, 1985
Wandtke JC: computed tomography of the thorax,
(Radiology), 154: 170, 1985
Wandtke JC: introduction to diagnostic imaging,
(Radiology), 153: 340, 1984
Wandtke JC: lung cancer: diagnostic procedures and
therapeutic management—with special
reference to radiotherapy, (Radiology), 159: 652,
1986

Wandtke JC: lung: radiologic-pathologic correlations. 2d ed., (Radiology), 158: 594, 1984 Wandtke JC: Hyde RW; Fahey PJ; et al: measurement of lung gas volume and regional density by computed tomography in dogs, (Invest Radiol), 21: 108, 1986 Wandtke JC; Plewes DB: exposure equalization radiography of the chest: clinical comparison o slit and raster scanning techniques, (AJR), 144: 1171, 1985 Wandtke JC; Plewes DB: improved chest disease detection with scanning equalization radiography, (AJR), 145: 979, 1985 Wandtke JC; Plewes DB; Vogelstein E: scanning equalization radiography of the chest: assessment of image quality, (AJR), 145: 973, 1085.

Waneck R; Lechner G; Jantsch H; et al: lateral distant view for improved accuracy in locating rectal tumors, (AJR), 142: 519, 1984 Wang A-M See Kaye JA
Wang AM: case of the season, (Semin Roentgenol),
19: 163, 1984 Wang A-M; Chinwuba CE; O'Reilly GV; et al: subdural hematoma in patients with brain tumor: CT evaluation, (JCAT), 9: 511, 1985 Wang A-M; Fitzgerald TJ; Lichtman AH; et al: Wang A-M; Fitzgerald 1]; Lichtman AH; et al: neuroradiologic features of primary falx osteosarcoma, (AJNR), 7: 729, 1986
 Wang A-M; Lipson SJ; Haykal HA; et al: computed tomography of aneurysmal bone cyst of the L1 vertebral body, (JCAT), 8: 1186, 1984 Wang A-M; Zamani AA: intradural herniation of thoracic disc: CT metrizamide myelography, (Comput Radiol), 10: 115, 1986 Wang CC See Biggs P]
Wang CC, Suit HD; Blitzer PH; twice-a-day
radiation therapy for supraglottic carcinoma,
(Int J Radiat Oncol Biol Phys), 12: 3, 1986 Wang H See Goldberg AL Wang H See Zinreich SJ Wang HH; Antonioli DA; Goldman H: comparative features of esophageal and gastric adenocarcinomas: recent changes in type and frequency, (Radiology), 161: 858, 1986 Wang HZ See Bobman SA Wang HZ See Darwin RH Wang HZ See Riederer SI Wang K-P See Kuhlman JE Wang KP See Schwartz AR Wang PC See Maruyama Y Wang PC See Stelling CB 168

Wang SE See Resnik CS Wang SP See Friedenberg RM Wang SP See Friedenberg RM
Wang T-H See Sheu J-C
Wang TS See Fawwaz RA
Wang W-J See Ni C
Wang Y; McArdle GH; Feig SA; Karasick S;
Koolpe HA; Mapp E; Rao VM; Steiner RM;
Wechsler RJ: clinical applications of yttrium
filters for exposure reduction, (Radiographics),
4: 479, 1984 4: 479, 1984
Wani H See Hosoba M
Wann LS See Leimgruber PP
Wansbrough-Jones MH See Maudgal DP
Wapner RJ See Belfar HL
Wapner RJ See Hertzberg BS
Wapner RJ See Kerst A B Wapner KJ See Kurtz AB Wapner KJ See Kurtz AB Ward WM See Berger MS Ward CF; Wolfman NT: ultrasonographic demonstration of the Angelchik prosthesis, (J Ultrasound Med.), 4: 205, 1985 Ward EE See Griend RV Ward EF See Griend RV
Ward EM See Eelkema EA
Ward JF: mechanisms of DNA repair and their
potential modification for radiotherapy, (Int J
Radiat Oncol Biol Phys), 12: 1027, 1986
Ward JH See Bragg DG
Ward MP See Glazer HS
Ward MP, Glazer HS; Heiken JP; et al: traumatic
perforation of the pyriform sinus: CT
demonstration, (ICAT), 9: 982, 1985
Warda A See Deter RL
Warda A Chetz RL: Duncan Gret al: evaluation of warda A Deter RL Duncan G; et al: evaluation of fetal thigh circumference measurements: comparative ultrasound and anatomical study, (JCU), 14: 99, 1986 Warde P; Rideout DF; Herman S; et al: computed tomography in advanced ovarian cancer: inter-and intraobserver reliability, (Invest Radiol), 21: Wardman AG; Willey RF; Cooke NJ; et al: unusual pulmonary reactions to oily propyliodone (dionosil) in bronchography, (Radiology), 151: 258, 1984 Warhit JM; Goldman MA; Fagelman D: ultrasound and computed tomographic demonstration of a duplication cyst of the ileum, (J Ultrasound Med.). 3: 565, 1984 Warlow C See Sandercock P Warner MA; Fleischer AC; Edell SL; Thieme GA; Bundy AL; Kurtz AB; James AE Jr: uterine adnexal torsion: sonographic findings, (Radiology), 154: 773, 1985 Warner RRP See Mitty HA Warren B See Du Toit DF Warren B See Heydenrych JJ Warren JO See Vannier MW Warren SG See Luby BI Warren SG See Luby BJ
Warren SG RJ; Tondreau RL: good old days with
William J. Hogan, (Radiographics), 6: 515, 1986
Warshaw AL See Jacobson IM
Warshaw AL See White EM
Warshawski FJ See Sibbald WJ
Warter PS Eee Matter D
Wartinbee DR See SanDretto MA Warwick WJ See Day DL Warwick WJ See Day DL Wason S; Dalsey W; Billmire ME; et al: Play-Doh in the gastrointestinal tract: modify 'CHIP' to 'CHIPPED', (Radiology), 160: 575, 1986 Wass IL See Rowe DM Wass JL See Rowe DM
Wasserman AG See Stowers SA
Wasserman AG, Katz RJ; Varghese PJ; et al: exercise
radionuclide ventriculographic responses in
hypertensive patients with chest pain,
(Radiology), 156: 284, 1985
Wasserman HJ; Otto A: first-pass determination of
the right ventricular ejection fraction using two
regions of interest and the right anterior
oblique view, (Radiology), 154: 570, 1985
Wasserman NF; La Pointe S; Posalaky IP: ureteral
pseudodiverticulosis, (Radiology), 155: 561, 1985
Wasserman T See Bauer M
Wasserman TH See Coleman CN Wasserman TH See Coleman CN Wasserman TH See Glazer HS Wasserman TH See Glazer HS Wasserman TH See Press GA Wasserstein G See Bardfeld PA Wasserstein P See Chak LY Wassman ER Jr See Pauli RM Watanabe A See Tocino IM Watanabe AS See Mukuno DH Watanabe AS See Remley KB Watanabe H See Iida M Watanabe H See Ohnishi K Watanabe H See Pontes JE Watanabe H: natural history of benign prostatic hypertrophy, (Ultrasound Med Biol), 12: 567, 1986 1986
Watanabe K See Kodama T
Watanabe Y See Ebara M
Watanabe Y See Todani T
Watkins J Ir See Ellis FH Jr
Watkins J See Slutsky RA
Watmough DJ See Chan KK
Watson A; Hartley DE: alternative method of
intraocular foreign-body localization, (AJR),
142: 789, 1984

142: 789, 1984

Watson ER See Thomas R Watson KM See Swanson DK Watson KM See Swanson DK
Watson M: major ruptures of the rotator cuff,
(Radiology), 158: 571, 1986
Watson PG; Wild SR: rational approach to the
investigation of the gallbladder, (Br J Radiol),
59: 471, 1986
Watson RA See Benson KH
Watson RC See Botet JF
Watson RC See Heelan RT
Watt AC See Ackerman LV
Watt AC; Ackerman LV; Shetty PC; et al:
differentiation between benign and malignant
disease of the breast using digital subtraction
angiography of the breast, (Radiology), 158: 857,
1986
Watt AC; Ackerman LV; Windham IP; Shetty PC; 1986
Watt AC; Ackerman LV; Windham JP; Shetty PC;
Burke MW; Flynn MJ; Grodinsky C; Fine G;
Wilderman SJ: breast lesions: differential
diagnosis using digital subtraction angiography,
(Radiology), 159: 39, 1986 (Radiology), 159; 39, 1986 Watt AC; Haggar AM; Krasicky GA: extraosseous osteogenic sarcoma of the breast: mammographic and pathologic findings, (Radiology), 150; 34, 1984 Watt I See Bathurst N Watt I See Bathurst N
Watt I See Buirski G
Watt I See Scott ST
Watters LC; King TE; Schwarz MI; et al: clinical,
radiographic, and physiologic scoring system
for the longitudinal assessment of patients with
idiopathic pulmonary fibrosis, (Radiology), 159:
820, 1986 820, 1986
Watts FB Se Slovis TL
Watts FB Jr; Zingas AP; Das L; et al: computed tomographic diagnosis of an intracardiac metastasis from osteosarcoma, (Radiology), 151: 554, 1984 554, 1984
Watts H See Sandler MS
Watts JC See Arakawa M
Watts JC See Peinberg DA
Watts JC See Peinberg DA
Watts JC See Peinberg DA
Watts JC See Ortendahl DA
Watts JC See Point JP
Watts ME; Dennis MF; Stratford MRL; et al: glutathione-reactive nitro compounds as radiosensitizers: mechanistic and therapeutic implications, (Int J Radiat Oncol Biol Phys), 12: 1135, 1986 1135, 1986
Waugh R See Hughes CF
Waugh RC See Singer I
Waugh W See Tew M
Wawrukiewicz AS See Krook PM
Wax MR See Suster B
Waxman AD See Alderson PO
Waxman AD See Brachman MB Waxman AD See Brachman MB
Waxman AD See Ramanna L
Waxman AD See Stein MG
Waxman P See Patel M
Way C See O'Brodovich H
Way WG See Tegtmeyer CJ
Weaver DD See Bull MJ
Weaver DD See Sartoris DJ
Weaver JW; Kaude JV; Hamlin DJ; webs of the Weaver JW; Kaude JV; Hamlin DJ: webs of the lower esophagus: a complication of gastroesophageal reflux?, (AJR), 142: 289, 1984 Weaver KA See Turowski K Weaver KE See Goodenough DJ Weaver KE; Trembley CA; Lewicki AM: comparative image quality of 105 mm and conventional spot films, (AJR), 142: 615, 1984 Weaver MD See Johnstrude IS Weaver MD See Johnstrude IS Weaver MC Jr See Schwartz AC Webb RW: CT of solitary pulmonary vascular lesions, (Semin Roentgenol), 19: 189, 1984 Webb S; Flower MA; Ott RJ; et al: spatial resolution of a rotating gamma camera tomographic Webb S; Flower MA; Ott Ř]; et al: spatial resolution of a rotating gamma camera tomographic facility. (Radiology), 153: 863, 1984
Webb WR See Geer G
Webb WR See Farmer DW
Webb WR See Farmer DW
Webb WR See Hirji M
Webb WR See Hirji M
Webb WR See McMurdo KK
Webb WR See McMurdo KK
Webb WR See Moore EH
Webb WR See Moore EH
Webb WR See Onik G
Webb WR See Stark DD
Webb WR See Stein MG
Webb WR See Stein MG
Webb WR See Stein MG
Webb WR; Gamsu G; Crooks LE: multisection Radiol), 8: 306, 1986
Webb WR; Gamsu G; Crooks LE: multisection
sagittal and coronal magnetic resonance
imaging of the mediastinum and hila,
(Radiology), 150: 475, 1984
Webb WR; Gamsu G; Stark DD; et al: evaluation of magnetic resonance sequences in imaging mediastinal tumors, (AJR), 143:723, 1984
Webb WR; Gamsu G; Stark DD; Moore EH:
magnetic resonance imaging of the normal and abnormal pulmonary hila, (Radiology), 152: 89, Webb WR; Hirji M; Gamsu G: posterior wall of the bronchus intermedius: radiographic-CT correlation, (AJR), 142: 907, 1984

Webb WR; Jensen BG; Gamsu G; et al: sagittal MR imaging of the chest: normal and abnormal, (JCAT), 9: 471, 1985

(ICA1), 9: 471, 1985
Webb WR; Jensen BG; Gamsu G; Sollitto R;
Moore EH: coronal magnetic resonance imaging
of the chest: normal and abnormal, (Radiology),
133: 729, 1984

Tiss. 29, 1984

Webb WR, Jensen BG; Sollitto R; de Geer G;
McCowin M; Gamsu G; Moore EH:
bronchogenic carcinoma: staging with MR
compared with staging with CT and surgery,
(Radiology), 156: 117, 1985

Webb WR; LaBerge JM: radiographic recognition of
chest tube malposition in the major fissure,
(Radiology), 152: 839, 1984

Webb WR; Moore EH: differentiation of volume
averaging and mass on magnetic resonance
images of the mediastinum, (Radiology), 155:
413, 1985

Webber C See Cockshott WP

Webber C See Cockshott WP Webber C See Cockshott WP Webber C: nuclear medicine instrumentation, (Radiology), 155: 230, 1985 Webber MN See Sickles EA Weber AL See Hayes E Weber AL See Oot RF

Weber AL See Oof RF
Weber DA: clinical and mathematical introduction to computer processing of scintigraphic images, (Radiology), 153: 32, 1984
Weber DA: CRC handbook series in clinical laboratory science. section A: nuclear medicine volume II, (Radiology), 151: 498, 1984
Weber DA: introductory physics of nuclear medicine, (Radiology), 152: 794, 1984
Weber ER See Tirman RM
Weber H See Huber DJ
Weber H See Lilleas F
Weber I See Enteroni S

Weber J See Fanconi S

Weber J; Dociu N; Zabel G: gas without abscess in renal tumour embolization, (Radiology), 154: 272, 1985

Weber S See Strassburg HM Weber TR See Cohen MD

Weber I K See Conen MD
Weber W See Terrier F
Weber WN See Sickles EA
Weber WN; Sickles EA; Callen PW; Filly RA:
nonpalpable breast lesion localization: limited
efficacy of sonography, (Radiology), 155: 783,

1985
Webley M See Short DJ
Webster DL See Fenichel GM
Webster DL See McAuley CE
Wechsler J See McAuley CE
Wechsler J See Rozenberg I
Wechsler JG See Swobodnik WL
Wechsler RJ See Miller CL
Wechsler RJ See Sullivan KL
Wechsler RJ See Wang Y
Wechsler RJ, Goodman LR: mediastinal position
and air-fluid height after pneumonectomy:
effect of the respiratory cycle, (AJR), 145: 1173,
1985

Wechsler RJ; Schilling JF: CT of the gluteal region, (AJR), 144: 185, 1985

(AJN), 144: 185, 1985 Wechsler RJ, Steiner RM, Israel HL; et al: chest radiograph in lymphomatoid granulomatosi comparison with Wegener granulomatosis, (AJR), 142: 79, 1984

(AJR), 142: 79, 1984 Wedeen VJ See Dinsmore RE Wedeen VJ See Edelman RR Wedeen VJ See Greif WL Wedeen VJ See Meuli RA Wedeen VJ See White EM

Wedeen VJ See White EM
Wedeen VJ; Rosen BR; Buxton R; et al: projective
MRI angiography and quantitative flow-volume
densitometry. (Magn Res Med), 3: 226, 1986
Wedeen VJ; Rosen BR; Chesler D; et al: MR velocity
imaging by phase display. (JCAT), 9: 530, 1985
Weedn VW See Mifrákhraee M
Weekes RG; McLeod RA; Reiman HM; et al: CT of
soft-tissue neoplasms. (AJR), 144: 355, 1985

Weeks PM See Conway WF Weeks PM See Reinus WR Weems AM See Numaguchi Y Weems WR See Hemstreet GP III Weetman RM See Cohen MD Wegelius C See Friberg O

Wegelius C See Friberg O
Wegener OH See Schwartz A
Wegenius G; Erikson U; Borg T; et al: value of chest
radiography in adult respiratory distress
syndrome, (Radiology), 155: 270, 1985
Wegner R-D; Meyenburg M: effects of diagnostic
ultrasonography on the frequencies of sister
chromatid exchanges in Chinese hamster cells
and human lymphocytes, (Radiology), 150: 872,
1984
Weblin I. See Siefurers BE

Wehlin L See Sigfusson BF Wehrli FW See Bilaniuk LT Wehrli FW See Kneeland JB Wehrli FW See Mafee MF

Wehrli FW, MacFall JR; Glover GH; et al: dependence of nuclear magnetic resonance (MMR) image contrast on intrinsic and pulse sequence timing parameters, (Radiology), 157: 573, 1985

Wehrli FW; MacFall JR; Shutts D; et al: mechanisms of contrast in NMR imaging, (Radiology), 154: 858, 1985

858, 1985
Wehrli FW; Shimakawa A; Gullberg GT;
MacFall JR: time-of-flight MR flow imaging:
selective saturation recovery with gradient
refocusing, (Radiology), 160: 781, 1986
Wehrli FW; Shimakawa A; MacFall JR; et al: MR
imaging of venous and arterial flow by a
selective saturation-recovery spin echo (SSRSE)
method, (JCAT), 9: 537, 1985
Wehrst WD, See Kerner SS.

Wehunt WD See Kramer SS Weich HFH See Przybojewski JZ

Weich YI. See Kleinhaus U
Weichert JP See Longino MA
Weichselbaum RR: radioresistant and repair
proficient cells may determine radiocurability
inhuman tumors, (Int J Radiat Oncol Biol Phys),
12: 637, 1986

Weidauer H See Feurle GE Weidenheim KM See Davis PC

Weider DJ See Chakeres DW
Weider DJ See Chakeres DW
Weider N; Geisinger KR; Sterling RT; et al:
benign lymphoepithelial cysts of the parotid
gland: histologic, cytologic and ultrastructural
study, (Radiology), 160: 574, 1986

Weidner W See Evancho AM Weidner WA See Neagley SR Weigel JW See Mebust WK

Weigel JW; Mebust WK; Foret JD; et al: treatment of renal cell carcinoma with renal infarction, delayed nephrectomy, medroxyprogesterone, and xenogeneic immune RNA, (Radiology), 156: 563, 1985

Weigert F; Lindner P; Rohde U: computed tomography and magnetic resonance of pseudomyxoma peritonei, (JCAT), 9: 1120, 1985

Weil LR See Spirt BA Weil R III See Rose SC Weiland FL See Starling MR Weiland FL See Sullivan WT Weiland LH See Dumich PS Weiler S See Didier D Weill F See Didier D

Weill F See Didier D
Weill FS, Burn P; Rohmer P; et al: migrations of
fluid of pancreatic origins: ultrasonic and CT
study of 28 cases, (Radiology), 152: 266, 1984
Weill FS; Costaz R; Racle A; et al: ultrasound study
of adenopathies within the hepatoduodenal
ligament: "rosebud" pattern, (Gastrointest
Radiol), 11: 142, 1986

Radiol, 11: 142, 1700
Weill FS; Perriguey G; Belloir A; et al: ultrasonic anatomical study of the lesser omental sac: a pictorial essay, (Radiology), 150: 868, 1984

prictorial essay, (Radiology), 150: 868, 1984
Weill FS; Perriguey G; Rohmer P: sonographic
study of the juxtarenal retroperitoneal
compartments, (Radiology), 150: 867, 1984
Weill FS; Rohmer P; Belloir A; et al: butterfly sign:
an indicator of fluid within both the greater
peritoneal cavity and the lesser omental bursa,
(Radiology), 151: 559, 1984
Weill H; Hughes JM; Hammad YY; et al: respiratory
health in workers exposed to man-made
vitreous fibers, (Radiology), 153: 266, 1984
Wein Al See Shitz RE

Wein AJ See Shlitz RE Weinberg B See Diakoumakis EE

Weinberg B; Diakoumakis EE; Kass EG; et al: air bronchogram: sonographic demonstration, (AJR), 147: 593, 1986

Weinberg DS: pathology of the lymphomas: 1985, (Semin US CT MR), 6: 352, 1985 Weinberg JH See Winzelberg GG

Weinberger E; Cyr DR; Hirsch JH; et al: estimating fetal weights less than 2000 g: an accurate and simple method, (AJR), 142: 973, 1984

Weiner CP; Williamson RA; Bonsib SM: sonographic diagnosis of cloverleaf skull and thanatophoric dysplasia in the second trimester, (JCU), 14: 463, 1986

Weiner DS See Haueisen DC Weiner DS see Haueisen DC.
Weiner DS; Weiner S; Melby A; et al: 30-year
experience with bone graft epiphysiodesi
the treatment of slipped capital femoral
epiphysis, (Radiology), 153: 567, 1984
Weiner M See Wagle WA

Weiner MW See Karczmar GS Weiner S See Weiner DS Weiner SD See Haueisen DC Weiner SN See Morehouse HT

Weiner SN; Koenigsberg M; Morehouse H; et al: sonography and computed tomography in the diagnosis of carcinoma of the gallbladder, (AJR), 142: 735, 1984

Weinerth JL See Carson CC Weinerth JL See Dunnick NR Weingarten I See Arab M

Weingarten KL; Zimmerman RD: CT of intracranial lymphoma, (Semin US CT MR), 7: 9, 1986

Weingarten KL; Zimmerman RD; Pinto RS; et al: computed tomographic changes of hypertensive encephalopathy, (AJNR), 6: 395, 1985 Weingarten M See Kotval PS

Weingarten M See Tash RR Weingarten MJ: Fakhry J; McCarthy J; et al: sonography after splenic embolization: the wedge-shaped acute infarct, (AJR), 142-957.

Weingrad T; Heyman S; Alavi A: cold lesions on bone scan in pediatric neoplasms, (Radiology), 153: 851, 1984

135: 851, 1984
Weininger J See Iaina A
Weinmann H-J See Brasch RC
Weinmann H-J; Brasch RC; Press W-R; et al:
characteristics of gadolinium-DTPA complex: a
potential NMR contrast agent, (AJR), 142: 619,
1984

Weinreb J See Kumari-Subaiya S Weinreb JC See Babcock EE Weinreb JC See Cohen JM Weinreb JC See Erdman WA Weinreb JC See Maravilla KR Weinreb JC See Wilcox DM

Weinreb JC; Arger PH; Coleman BG; et al: cystic

Weinreb JC; Arger PH; Coleman BG; et al: cvstic renal mass evaluation: real-time versus static imaging, (JCU), 14: 29, 1986 Weinreb JC; Brateman L; Babcock EE; et al: chemical shift artifact in clinical magnetic resonance images at 0.35 T, (AR), 145: 183, 1985 Weinreb JC; Brateman L; Maravilla KR: magnetic resonance imaging of hepatic lymphoma, (AJR), 143: 1211, 1984

Weinreb JC; Brown CE; Lowe TW; Cohen JM; Erdman WA: pelvic masses in pregnant patients: MR and US imaging, (Radiology), 159: 717, 1986

Weinreb JC; Cohen JM; Armstrong E; et al: imaging the pediatric liver: MRI and CT, (AJR), 147: 785, 1986

1986
Weinreb JC; Cohen JM; Maravilla KR: iliopsoas muscles: MR study of normal anatomy and disease, (Radiology), 156: 435, 1985
Weinreb JC; Hodges S; Garcia R: magnetic resonance imaging of patent umbilical veins, (AJR), 144: 747, 1985
Weinreb JC; Lowe TW; Cohen JM; Kutler M: human fetal anatomy: MR imaging, (Radiology), 157:715, 1985

157: 715, 1985

157: 715, 1985

Weinreb JC; Lowe TW; Santos-Ramos R;
Cunningham FG; Parkey R: magnetic
resonance imaging in obstetric diagnosis,
(Radiology), 154: 157, 1985

Weinreb JC; Maravilla KR; Peshock R; et al:
magnetic resonance imaging; improving patient
tolerance and safety, (AJR), 143: 1285, 1984

Weinreb JC; Maravilla KR; Redman HC; et al:
improved MR imaging of the upper abdomen
with glucagon and gas, (Radiology), 155: 859,
1985

Weinreb JC; Mootz A; Cohen JM: MRI evaluation of

wentre JL; Mootz A; Cohen JM: MRI evaluation mediastinal and thoracic inlet venous obstruction, (AJR), 146: 679, 1986 Weinshelbaum A See Reich SB Weinstein BJ See Campbell WE Jr Weinstein BJ; Platt LD: ultrasonic appearance of intravascular gas in fetal death, (Radiology), 152: 867, 1984

Weinstein GS; Dresner SC; Slamovits TL; et al: acute and subacute orbital myositis, (Radiology), 151: 552 1984

Weinstein IR; Marbarger JP; Perez JE: ultrasonic assessment of the St. Jude prosthetic valve: M mode, two-dimensional and Doppler echocardiography, (Radiology), 1582: 264, 1984 Weinstein JB; Heiken JP; Lee JKT; DiSantis DJ; Balfe DM; Weyman PJ; Peterson RR: high resolution CT of the porta hepatis and hepatoduodenal ligament, (Radiographics), 6: 55, 1986

Weinstein JN; Kuo KN; Millar EA: congenital coxa vara. a retrospective review, (Radiology), 152: 852, 1984

Weinstein MA See Aguila LA Weinstein MA See Lesser RP Weinstein MA See Modic MT Weinstein MA See Pavlicek W Weinstein MA See Smith AS

Weinstein MA; Modic MT; Pavlicek W; et al: nuclear magnetic resonance for the examination of brain tumors, (Semin Roentgenol), 19: 139,

Weinstein MM: persistent loop sign in neonatal necrotizing enterocolitis: new cause, (Pediatr Radiol), 16: 71, 1986 Weinstein P See Brant-Zawadzki M

Weinstein PR See Gooding GAW Weinstein PR See Litt L Weinstein PR See McNamara MT

Weinstein ZR See Downey EF Jr

Weinstaub S See Amorosa JK Wein JW, Winter MW; Phyliky RL: peripheral T-cell lymphomas: histologic, immunohistologic, and clinical characterization, (Radiology), 161: 288, 1986

Weis LD See Beltran J Weisberg L: subdural empyema: clinical and computed tomographic correlations, (Radiology), 160: 861, 1986 Weisberg LA See Garcia CA

Weisberg LA: caudate hemorrhage, (Radiology), 155: 858, 1985

858, 1985
 Weisberg LA: cranial computed tomographic findings in patients with neurologic manifestations of systemic lupus erythematosus, (Comput Radiol), 10: 63, 1986
 Weisberg LA: hemorrhagic primary intracranial neoplasms: clinical-computed tomographic correlations, (Comput Radiol), 10: 131, 1986
 Weisberg LA: posterior fossa plasmacytoma: computed tomographic findings (Computed tomographic flowers)

computed tomographic findings, (Comput Radiol), 10: 141, 1986

Weisberg LA: solitary cerebellar metastases, (Radiology), 157: 282, 1985 Weisblatt E See Dawson P

Weisblatt E See Dawson P
Weisbrod GL; See Huang D
Weisbrod GL; Lyons D); Tao LC; et al: percutaneous
fine-needle aspiration biopsy of mediastinal
lesions, (AJR), 143: 525, 1984
Weisbrod GL; Stoneman HR; Tao LC: diagnosis of
diffuse malignant infiltration of lung
(lymphangitic carcinomatosis) by percutaneous
fine-needle aspiration biopsy, (Radiology), 159:
569 1986 569 1986

Weisman LE See Smazal SF Jr Weisman MH See Jacob JR Weisman MH See Resnick D

Weisman RA; Savino PJ; Schut L; et al: computed tomography in penetrating wounds of the orbit with retained foreign bodies, (Radiology), 150: 293, 1984

Weisman SJ See Cohen MD Weiss A See Weiss H Weiss AA See Keller MS Weiss CA See Cho KJ

Weiss DR See Rich TA Weiss H; Ludwig G; Weiss A; et al: incidence of carcinoma of the renal cyst wall (results of 22,000 sonographic examinations), (Radiology), 150: 300, 1984

Weiss HD See Gmelin E

Weiss IL: Eaton LW: Kallman CH: et al: accuracy of iss JL; eaton Lw; Animan Cr; et al: accuracy of volume determination by two-dimensional echocardiography: defining requirements under controlled conditions in the ejecting canine left ventricle, (Radiology), 151: 273, 1984

Weiss JS See Duker JS

Weiss KL See Beltran J Weiss KL; Beltran J; Lubbers LM: high-field MR surface-coil imaging of the hand and wrist. part II. pathologic correlations and clinical relevance, (Radiology), **160**: 147, 1986

Weiss KL, Beltran J; Shamam OM; Stilla RF; Levey M: high-field MR surface-coil imaging of the hand and wrist. part I. normal anatomy, (Radiology), 160: 143, 1986 Weiss LM See Yousem SA

Weiss M See Roesler H Weiss M See Skolyszewski J Weiss P See Fishman EK

Weiss PE: diagnostic interventions in nuclear medicine, (Radiology), 158: 124, 1986

Weiss PE: exclusion of pneumothorax by radionuclide lung scan, (Clin Nucl Med), 11: 303, 1986

Weiss PE: functional radionuclide imaging of the brain, (Radiology), 153: 806, 1984

Weiss RM, Carter AR; Rosenfield AT: high resolution real-time ultrasonography in the localization of the undescended testis, (Radiology), 161: 575, 1986

Weiss SC See Bressler EL Weiss SL See Steiner E

Weiss SL: computed tomography of the pelvis, (Radiology), 159: 114, 1986

Weiss SL: dynamic computed tomography: basic principles and clinical applications, (Radiology), 159: 378, 1986

Weiss SM; Skibber JM; Mohiuddin M; et al: rapid intraabdominal spread of pancreatic cancer, (Radiology), 157: 849, 1985 Weiss SW See Goldman SM

Weiss T; Treisch J; Kazner E; et al: CT of the postoperative lumbar spine: value of intravenous contrast, (Neuroradiol), 28: 241,

Weiss W: cigarette, smoke, asbestos, and small irregular opacities, (Radiology), 155: 269, 1985 Weissbuch SS: explanation and implications of MR

\*\*reissbuch 55: explanation and implications of MR signal changes within pituitary adenomas after bromocriptine therapy, (A]NR), 7: 214, 1986
\*Weissman BM: delayed onset of dexamethasone-dependent cerebral dysfunction following metrizamide myelography, (Radiology), 154: 279, 1985

Weissman BN See Baum S Weissman BN See Braunstein EM

Weissman BN See Tumeh SS
Weissman BNW; Ewald FC; prosthetic replacement of the elbow, (Semin Roentgenol), 21: 66, 1986
Weissmann HS See Fox MS

Weissmann HS See Freeman LM

Weissmann HS See Keller IA

Weissmann HS See Winn M Weissmann HS See Zuckier LS

Weitzel D: pediatric sonography, (Radiology), 151:

Weitzel D; Peters H; Humburg C: sonographic screening of the newborn, (Radiology), 156: 275, 1985

Weitzner I Jr See Tash RR Weksberg AP See Dunne MG Welch K See Hernanz-Schulman M

Welch KJ See Blickman JG Welch MJ See Brodack JW Welch MJ See Cunningham DA

Welch MJ See Mathias CJ Welch TI See Johnson CM

Welch TJ See Johnson CM
Welch TJ; Sheedy PF II; Johnson CM;
Stephens DH; Charboneau JW; Brown ML;
May GR; Adson MA; McGill DB: focal nodular
hyperplasia and hepatic adenoma: comparison
of angiography, CT; US, and scintigraphy,
(Radiology), 156: 993, 1985
Welch TJ; Sheedy PF II; Johnson CM;
Stephens DH; Charboneau JW; May GR;
Brown ML: radiographic characteristics of
benign liver tumors: focal nodular hyperplasia
and hepatic adenoma, (Radiographics), 5: 673,
1985 1985

Weldner B-M; Persson P-H; Ivarsson SA: prenatal diagnosis of dwarfism by ultrasound screening, (Radiology), **160**: 288, 1986 **Wellman H** See **Uri G** 

Wells CG See Sulonen JM Wells CP See Mountford Pl Wells I See Dubbins PA

Wells IP; Bhatt RCV; Flanagan M: kaolinosis: radiological review, (Radiology), 159: 570, 1986

Wells JO Jr See Martin LG Wells PNT See Taylor KJW

Wells PNT: surgical applications of ultrasound (Clin Diagn Ultrasound), 16: 157, 1985

Wells RG; Litwin SB; Sty JR: radionuclide cardioangiographic demonstration of a coronary artery fistula, (Pediatr Radiol), 16: 61, 1986

Wells RG; Ruskin JA; Sty JR: lymphoscintigraphy: lower extremity lymphangioma, (Clin Nucl Med), 11: 523, 1986

Wells RG; Ruskin JA; Sty JR: myocardial imaging: Coxsackie myocarditis, (Clin Nucl Med), 11: 661, 1986

Wells RG; Sty JR: extraosseous bone-tracer uptake: plasma cell granuloma, (Clin Nucl Med), 11: 527, 1986

Wells RG; Sty JR; Duck SC: technetium 99m pertechnetate thyroid scintigraphy: congenital hypothyroid screening, (Pediatr Radiol), 16: 368, 1986

Wells RG; Sty JR; Hodgson NB: suprarenal abscess in the neonate: technetium-99m glucoheptonate imaging, (Clin Nucl Med), 11: 32, 1986

Wells SK: value of skull radiography in children with intracranial tumors, (Radiology), **157**: 569, 1985 Wellsted M See Svensson LG

welsh AD; Dixon-Brown A; Stedeford JBH: calculation of dose distributions for iridium-192 implants, (Radiology), 152: 271, 1984

Welsh JJ See Welsh LW Welsh LW; Welsh JJ; Rizzo TA Jr: laryngeal spaces and lymphatics: current anatomic concepts, (Radiology), 151: 828, 1984

Welsh MG See Nunery WR
Welsh in G; Taylor KJW; Carter AR; et al: duplex
Doppler: identification of cavernous
transformation of the portal vein, (AJR), 144:

999, 1985 Weltin GG See Rigsby CM Weltin GG See Taylor KJW Wendt JC See Fallon B

Wendt RE See Rokey R Wendt TG; Chucholowski M; Hartenstein R; et al: sequential chemo-radiotherapy in locally advanced squamous cell carcinoma of the head and neck, (Int J Radiat Oncol Biol Phys), 12: 397,

Wener L See Pastakia B

Wenger DR; Mickelson M; Maynard JA: evolution and histopathology of adolescent tibia vara, (Radiology), 152: 852, 1984

Wengrover SI See Sos TA

Wengrover SI See Sos TA
 Wenig BL; Sciubba JJ; Cohen A; et al: destructive maxillary cemento-ossifying fibroma following maxillofacial trauma, (Radiology), 155: 281, 1965
 Wenig BL; Sciubba JJ; Zielinski BZ; et al: mucin impaction tumor of the paranasal sinuses: a new clinical entity? (Radiology), 150: 863, 1984
 Wenig BL; Shikowitz MJ; Abramson AL:

necrotizing fasciitis as a lethal complication of peritonsillar abscess, (Radiology), 157: 572, 1985

Wenink AC See Guit GL Wenk R See Matwiyoff NA Wenker JC See Baker MK

Wenker JC See Becker GJ
Wenker JC; Baker MK; Ellis JH; et al: focal fatty
infiltration of the liver: demonstration by
magnetic resonance imaging, (AJR), 143: 573,
1984

1984
Wennberg JE See McNeil BJ
Wenstrup RS; Sweeney KP; Scholz FJ: digital
subtraction angiography system evaluation with
phantoms, (Radiology), 155: 805, 1985
Went J See Plattner G

phantoms, (Radiology), 155: 805. 1985
Went J See Platiner G
Wenting GJ; Tan-Tjiong HL; Derkx FHM; et al:
split renal function after captopril in unilateral
renal artery stenosis, (Radiology), 153: 861, 1984
Wentz AC See Winifield AC
Wenz W; Reichelt A; Rau WS; et al: lymphographic
documentation of a vertebral lymphangioma,
(Radiology), 155: 273, 1985
Wenz W; Sommerkamp H; Dinkel E: leiomyoma of
the bladder, (Urol Radiol), 8: 114, 1986
Wenzel DJ; Batist G: implications of rapid uniform
density changes on hepatic computed
tomography, (Radiology), 150: 296, 1984
Weofel GF; Campbell DN; Penn I; et al:
inflammatory polyposis in an ileal blind loop,
(Radiology), 151: 259, 1984
Wepfer JF See Retrum RK
Wernecke K; Peters PE; Galanski M: mediastinal

Wepter JF See Retrum RK
Wernecke K; Peters PE; Galanski M: mediastinal
tumors: evaluation with suprasternal
sonography, (Radiology), 159: 405, 1986
Wernecke K; Peters PE; Galanski M: pancreatic
metastases: US evaluation, (Radiology), 160: 399,
1986

Nesses Geralation, (Radiology), 160: 399

Werner A; Isdale JM: radiation hazards in a paediatric intensive care unit, (Pediatr Radiol), 16: 275, 1986

Wesbey GE See Brasch RC

Wesbey GE; Higgins CB; Amparo EG; Hale JD;

Kaufman L; Pogany AC: peripheral vascular disease: correlation of MR imaging and angiography, (Radiology), 156: 733, 1985

Wesbey GE; Higgins CB; Hale JD; et al: magnetic resonance applications in atherosclerotic vascular disease, (Cardiovasc Intervent Radiol), 8: 342, 1986

Wesbey GE; Higgins CB; McNamara MT;

8: 342, 1986
Wesbey GE; Higgins CB; McNamara MT;
Engelstad BL; Lipton MJ; Sievers R; Ehman RL;
Lovin J; Brasch RC: effect of gadolinium-DTPA on the magnetic relaxation times of normal and infarcted myocardium, (Radiology), 153: 165,

ntarcted myocardium, (Radiology), 153: 165, 1984
Wesenberg RL See Amundson GM
Wesenberg RL See Hummel RH
Wesenberg RL; Amundson GM: fluoroscopy in children: low-exposure technology, (Radiology), 153: 243, 1984
Weser E See Bova JG
Wesley JR See Blane CE
Wesley JR See Blane CE
Wesley JR See Klein MD
Wespes E See Delcour C
Wess MM See Gatley SJ
Wessel HU See Karoll M
Wesselius LJ; Witztum KF; Taylor AT; et al: computer-assisted versus visual lung gallium-67 index in normal subjects and in patients with interstitial lung disorders, (Radiology), 152: 868, 1984

Wessels BW See Harisiadis L Wessels BW; Griffith MH: miniature thermoluminescent dosimeter absorbed dose measurements in tumor phantom models, (J Nucl Med), 27: 1308, 1986

Nucl Med), 27: 1308, 1986

Wesson DE See Winthrop AL

West SR See Vasey CG

West SS See Hemstreet GP III

West WL See Schulz EE

Westbrook KC See Williamson MR

Westby M; Sandbu J; Jahren R; et al: ovarian
radiation dose during dynamic
cystourethrography using videorecording and
photofluorography, (Acta Radiol [Diagn]), 27:
55, 1986

Westcott See Martini N

Westcott J See Martini N Westcott JL See Heelan RT

Westcott JL: per cutaneous catheter drainage of pleural effusion and empyema, (AJR), 144: 1189, 1985

Westcott JL; Cole S: plate atelectasis, (Radiology), 155: 1, 1985

Westcott JL; Cole SR: traction bronchiectasis in end-stage pulmonary fibrosis, (Radiology), 161: 665, 1986

1986

Westcott JL; Henschke CI; Berkmen Y: MR imaging of the hilum and mediastinum: effects of cardiac gating. (ICAT), 9: 1073, 1985

Westerman BR: licensing criteria for nuclear medicine. (Semin Nucl Med), 16: 171, 1986

Westerman BR: transportation issues in nuclear medicine and the release of radioactivity into the environment, (Semin Nucl Med), 16: 191, 1986

Westermark P See Larsson SC.

Westermark P See Larsson SG
Westesson P-L; Bronstein SL; Liedberg J:
temporomandibular joint: correlation between
single-contrast videoarthrography and
postmortem morphology, (Radiology), 160: 767,
1986

Westesson P-L; Rohlin M: diagnostic accuracy of double-contrast arthrotomography of the temporomandicular joint: correlation with postmortem morphology, (AJNR), 5: 463, 1984

Westgate C See Mulcahy D
Westgate S See Mulcahy D
Westgate SJ See Suit HD
Westgren M; Beall M; Divon M; et al: fetal femur
length/abdominal circumference ratio in
preterm labor patients with and without
successful tocolytic therapy, (J Ultrasound Med),
5: 243, 1986 5: 243, 1986

Wetter EB See Saddekni S

Wetter EB See Saddekni S
Wetter EB See Srur MF
Wetzner SM See Munn CS
Wetzner SM See Newberg AH
Wetzner SM; Kiser LC; Bezreh JS: duplex
ultrasound imaging; vascular applications,
(Radiology), 150: 507, 1984
Wexler JA See Aronchick JM
Wexler JA See Grumbach K
Wexler L See Ginsburg R
Wexler L See Guthaner DF

Wexler L See Guthaner DF
Wexler L See Guthaner DF
Wexler S; Fuchs C; Golan A; et al: tolerance
intervals for standards in ultrasound
measurements: determination of BPD standards,
(JCU), 14: 243, 1986

Weyman AE See Luft FC Weyman PJ See Balfe DM Weyman PJ See Mueller PR

Weyman PJ See Picus D Weyman PJ See Semenkovich JW Weyman PJ See Weinstein JB Whalen JP See Auh YH

Whalen JP See Rubenstein WA
Whalen JP See Rubenstein WA
Whalen JP See Zirinsky K
Whaley D, Becker S; Presbrey T; et al: adrenal
myelolipoma associated with Conn syndrome:
CT evaluation, (JCAT), 9: 959, 1985 Wharam MD See Forman JD

what IJ; Slama TG; Zeckel ML: histoplasmosis in the acquired immune deficiency syndrome, (Radiology), 156: 853, 1985 Wheat R See Enzmann DR Wheat RL See Sommer FG

Wheatley JK See Berkman WA Wheatley JK See Fajman WA Wheeler CB See Herskowitz J

Wheeler JS Jr See Culkin DJ Wheeler PS See Scott WW Jr

Wheeler TM See Font RL Wheelock JB See Vick CW Whelan M See Handler M Whelan MA See Reede DL

Whelan MA; Kricheff II: intracranial lymphoma, (Semin Roentgenol), 19: 91, 1984

Whelan MA; Myung KH; Bergeron RT: innominate line, (Radiology), 154: 280, 1985

Whelan MA; Reede DL; Meisler W; et al: CT of the base of the skull, (Radiol Clin North Am), 22: 177, 1984

Whelan MA; Schonfeld S; Post JD; et al: computed tomography of nontuberculous spinal infection, (JCAT), 9: 280, 1985

Wheldon TE See O'Donoghue J Whigham CJ See Yrizarry JM Whisnant JP See Drurym I

Whitaker RH See Barton EJ
White A; Carachi R; Young DG: duodenal
ulceration presenting in childhood. longterm
follow-up, (Radiology), 152: 851, 1984
White AA See Clark CR

White CW See Wilson RF

White CW See Wilson RF
White DA See Cooper JAD Jr
White DA; Stover DE: severe bleomycin-induced
pneumonitis: clinical features and response to
corticosteroids, (Radiology), 155: 847, 1985
White DR; Constantinou C; Martin RJ: foamed
epoxy resin-based lung substitutes, (Br J Radiol),
59: 787, 1986
White EC; Smith AD: percutaneous stone extraction
from 200 patients, (Radiology), 155: 853, 1985
White EM See Butch RJ
White EM See Edelman RR

White EM See Edelman RR White EM See Simeone JF

White EM See Simeone JF
White EM; Edelman RR; Stark DD; Simeone JF;
Mueller PR; Brady TJ; Wittenberg J; Butch RJ;
Ferrucci JT Jr: surface coil MR imaging of
abdominal viscera. II: the adrenal glands,
(Radiology), 157: 431, 1985
White EM; Edelman RR; Wedeen VJ; Brady TJ:
intravascular signal in MR imaging: use of
phase display for differentiation of blood-flow
signal from intraluminal disease, (Radiology),
161: 245, 1986

161: 245, 1986
White EM; Wittenberg J; Mueller PR; Simeone JF;
Butch RJ; Warshaw AL; Neff CC; Nardi GL;
Ferrucci JT Jr: pancreatic necrosis: CT
manifestations, (Radiology), 158: 343, 1986
White JL See Williams JP

White JR. Amis ES Jr; Cronan JJ: Cowper's gland calcification: a new radiographic finding, (Radiology), 150: 856, 1984 White M See Mueller PR

White M; Mueller PR; Ferrucci JT Jr; et al: percutaneous drainage of postoperative abdominal and pelvic lymphoceles, (AJR), 145: 1065, 1985

White M; Wittenberg J: pancreatic neoplasia, (Semin US CT MR), 5: 401, 1984

White MA; Taylor JS; Murugasu R: renal oncocytoma: benign tumour on the increase, (Radiology), 159: 571, 1986

(Radiology), 159: 571, 1986
White NJ; Winearls CG; Smith R: cardiovascular abnormalities in osteogenesis imperfecta, (Radiology), 152: 862, 1984
White RdV See Olsson CA
White RE See Pollei S
White RI Jr See Hauster M
White RI Jr See Gallacher DJ
White RI Jr See Gallacher DJ
White RI Jr See Halden WJ Jr
White RI Jr See Helden WJ Jr
White RI Jr See Helden WJ Jr

White RI Jr See Hewes RC White RI Jr See Kaufman SL White RI Jr See Kinnison ML White RI Jr See Mitchell SE White RI Jr See Nadel SN

White RI Ir See Shuman L White RI Jr See Terry PB

White RI Jr. embolotherapy in vascular disease, (AJR), 142: 27, 1984

White RI Jr. interventional radiology: we can't have it both ways, (Radiology), 161: 565, 1986

White RI Jr. Halden WJ Jr. liquid gold: low-osmolality contrast media, (Radiology), 159: 559, 1986

White RI Jr; Lundell C: prevention of complications during embolotherapy of the lung, (Radiology), 154: 272, 1985

White RM; Levine MS; Enterline HT; Laufer I: early gastric cancer: recent experience, (Radiology), 155: 25, 1985 White SJ See Bank ER

White SJ See Blane CE White SJ; Louis DS; Braunstein EM; et al: capitate

White SJ Sco Blane CE
White SJ; Louis DS; Braunstein EM; et al: capitatelunate instability: recognition by manipulation
under fluoroscopy, (AJR), 143: 361, 1984
Whitehead J; Carlile T; Kopecky KJ; et al: Wolfe
mammographic parenchymal patterns: study of
the masking hypothesis of Egan and Mosteller,
(Radiology), 158: 857, 1986
Whitehouse GH See Einster SJ
Whitehouse GH See Einster SJ
Whitehouse GH See Stamp GWH
Whitehouse GH: technical consideration in
aortography for the investigation of lower limb
ischaemia. results from a postal survey,
(Radiology), 152: 845, 1984
Whitehouse GH; Snowdon SL: comparison between
iohexol and metrizamide, two nonionic contrast
media, in aorto-femoral angiography,
(Radiology), 152: 844, 1984
Whitehouse RW: high- and low-osmolar contrast
agents in urography: comparison of the
appearances with respect to pyelotubular
opacification and renal length, (Clin Radiol), 37:
395, 1986
Whitelaw A; Haines ME; Bolsover W; et al: factor V

Whitelaw A; Haines ME; Bolsover W; et al: factor V

Whitelaw A; Haines ME; Bolsover W; et al: factor v deficiency and antenatal intraventricular haemorrhage, (Radiology), 155: 853, 1985 Whiteman MS; Rosenberg H; Haskin PH; Teplick SK: celiac plexus block for interventional radiology, (Radiology), 161: 836, 1986

Whiting RB See Sherman DG Whitington PF See Orenstein SR

Whitington PF See Orenstein SR
Whitley NO See Brunner DR
Whitley NO See Mirvis SE
Whitley NO See Mirvis SE
Whitley NO See Rosenbaum RC
Whitley NO See Villasenta U
Whitley NO, Fuks JZ, McCrea ES; et al: computed
tomography of the chest in small cell lung
cancer: potential new prognostic signs, (AJR),
142: 885, 1984

Whitman DA See Daffner RH Whitman SA See Effmann EL

Whitmire LF See Torres WE
Whitmire LF See Torres WE
Whitmore GF See Varghese AJ
Whitmore GF; Gulyas S: studies of the toxicity of
RSU-1069, (Int J Radiat Oncol Biol Phys), 12: 1219 1986

1219, 1986 Whitmore WF Jr; Hilaris B; Batata M; et al: interstitial radiation: short-term palliation or curative therapy?, (Radiology), 156: 864, 1985 Whittaker CK See Cibis GW

Whittaker CK See Luetje CM Whittemore AD See Emery RW Wholey MH See Obley DL Wholey MH See Winzelberg GG

Wholey MH: cardiovascular applications of digital subtraction angiography, (Radiol Clin North Am), 23: 627, 1985

Whorwell PA; Hawkins R; Dewbury K; et al: ultrasound survey of gallstones and other hepatobiliary disorders and in patients with Crohn's disease, (Radiology), 155: 861, 1985 Whynot LK See Morris TW

Whyte H See Davies CH

Whyte MP See McAlister WH Wiatrowski W See Chakeres DW Wick MR See Schreiman JS Wickham IEA See Miller RA Wickremaratchi T See Stoddart PGP

Wicks JD See Gordon RE
Wicks JD; Mettler FA Jr: sonography of adrenal lesions causing hypertension, (Radiology), 150: 868, 1984

868, 1984
Wicks JD; Mettler FA Jr; Hilgers RD; et al:
correlation of ultrasound and pathologic
findings in patients with epithelial carcinoma of
the ovary, (Radiology), 155: 862, 1985
Widder D See Edelman RR

Widder DJ; Davis KR; Taveras JM: assessment of ventricular shunt patency by sonography: new noninvasive test, (AJNR), 7: 439, 1986

Widder DJ; Simeone JF: microbubbles as a contrast agent for neurosonography and ultrasound-guided catheter manipulation: in vitro studies, (AJNR), 7: 433, 1986

Widjaja PM; Ermers JWLM; Sijbrandij S; et al: extremity using computed tomography, (JCAT), 9: 466, 1985

rt. 400, 1703 Widlus DM: inguinal hernia: CT appearance after injection therapy, (Radiology), 151: 156, 1984 Widmann WD; Edoga JK; Garffias D; et al: peripheral migration of pacemaker electrodes, (Radiology), 153: 847, 1984

(Kadiology), 153: 847, 1984
Widrich WC, Serinivasan MK; Semine MC; et al:
collateral pathways of the left gastric vein in
portal hypertension. (AJR), 142: 375, 1984
Wiedemann H-R; Burgio GR; Aldenhoff P; et al:
proteus syndrome, partial gigantism of the
hands and/or feet, newi, hemithypertrophy,
unbettingen texts. subcutaneous tumors, macrocephaly and other skull anomalies and possible accelerated growth and visceral affections, (Radiology), 150: 860, 1984

Wiedenmann SD See Ament AE Wieland DM See Muthiah HL

Wieland DM See Muthiah HL
Wieland DW See Mangner TJ
Wiener JI; Chako AC; Merten CW; Gross S;
Coffey EL; Stein HL: breast and aviilalary tissue
MR imaging; correlation of signal intensities
and relaxation times with pathologic findings,
(Radiology), 160: 299, 1986
Wiener MD; Newbold RC; Merten DF: chronic
recurrent multifocal osteomyelitis (case report),
(AJR), 147: 87, 1986
Wiener SN See Denee PT

Wiener SN See Droege RT Wiener SN See Eiber AM Wiener SN See Ruff RL

Wiener SN; Rzeszotarski MS; Droege RT; et al: measurement of pituitary gland height with MR imaging, (AJNR), 6: 717, 1985

Wienhard K See Herholz K Wierman ME See Hall DA

Wiernik G: combination of radiotherapy and surgery in the treatment of carcinoma of uterine cervix, (Br J Radiol), 59: 97, 1986 Wiernik PH See Applefeld MM Wiesel S See Pennisi AK

Wiesen E See Yagan R Wiesendanger HUD See Lanzer P Wiesenfeld D See Conn IG Wiesner RH See MacCarty RL

Wieties BM See Greenberg M Wiggins PA See Parkin A

Wiggins T; Bohrer SP: case report 379, (Skeletal Radiol), 15: 409, 1986

Wigton RS See Gurney JW Wijesinha A See McNeil BJ

Wijnmaalen A; van der Werf-Messing BHP: factors influencing the prognosis in bladder cancer, (Int J Radiat Oncol Biol Phys), 12: 559, 1986 Wiklund K; Eklund G: reliability of record linkage

in the Swedish Cancer-Environment Register, (Acta Radiol [Oncol]), 25: 11, 1986 Wilberger [E. Vertosick FT; Vries JK: unilateral hydrocephalus secondary to congenital atresia of the foramen of Monro. case report, (Radiology), 152: 849, 1984

Wilberger JE Jr: lumbosacral radiculopathy secondary to abdominal aortic aneurysms. report of 3 cases, (Radiology), 152: 259, 1984

Wilberger JE Jr; Pang D: syndrome of the incidental herniated lumbar disc, (Radiology), 152: 259,

Wilbert D See Mueller SC Wilbrand H See Muren C Wilbur AC See Choi KH Wilbur AC See Tan WS

Wilbur AC; Choi KH; Tan WS; et al: giant cell tumor of the sphenoid bone mimicking a pituitary tumor, (AJNR), 7: 361, 1986

Wilbur AC; Schmit DJ; Ryva JC; et al: accessory hepatic fissure mimicking an acoustically shadowing lesion, (J Ultrasound Med), 5: 341,

Wilbur AC; Spigos DG: adventitial cyst of the

wild AC, Spigos DG: adventital cyst of the popiliteal artery: CT-guided percutaneous aspiration, (ICAT), 10: 161, 1986
Wilbur AC, Woelfel GF, Meyer JP, Flanigan DP, Spigos DG: adventitial cystic disease of the popiliteal artery. (Radiology), 155: 63, 1985
Wilbur DC See Pullicino P

Wilbur DC See Yeunicino r
Wilbur HJ See Nseyo UO
Wilcox CW See Vinson AM
Wilcox DM; Preston DF; Martin NL: diagnostic
cholescintigraphy, (Radiology), 153: 861, 1984
Wilcox DM; Weinreb JC; Lesh P: MR imaging of a

Wilcox DM; Weinreb JC, Lesh P; MR imaging of a hemorrhagic hepatic cyst in a patient with polycystic liver disease, (JCAT), 9: 183, 1985
Wilcox J See Sage MR
Wilcox J Seivil CA; Sage MR: effects of intracarotid ionic and non-ionic contrast material on the blood-brain barrier in a rabbit model, (Neuroradiol), 28: 271, 1986
Wilcox J; Evill CA; Sage MR: rate of clearance of intrathecal iopamidol in the dog, (Neuroradiol), 28: 359, 1986
Wilcox J; Sage MR: is viscosity important in the production of blood-brain barrier disruption by intracarotid contrast media? (Radiology), 156: 567, 1985
Wilcox J; Sage MR; Evill CA: effect of intravenous

Wilcox J; Sage MR; Evill CA: effect of intravenous contrast material on the integrity of the blood-brain barrier: experimental study, (AJNR), 5: 41,

Wild JH See Elliott RL

wild RE See Schorlemmer GR
Wild RE See Schorlemmer GR
Wild SR See Watson PG
Wilder WH; Harner SG; Banks PM: lymphoma of
the nose and paranasal sinuses, (Radiology), 150:
863, 1984

Wilderman S See Ackerman LV Wilderman SJ See Watt AC Wiley JL See Monajati A Wilhelm K See Mayer R Wilk PJ See Fox MS Wilk RM See Harms SE

Wilkens KL See Gore JC Wilkes TDI; Uthman EO; Thorton CN; et al: malignant melanoma of the orbit in a black patient with ocular melanocytosis, (Radiology), 155: 280, 1985

patient with ocular melanocytosis, (Radiology), 155: 280, 1985
Wilkey D; Yocum DE; Oberley TD; et al: Budd-Chiari syndrome and renal failure in Behcet disease. report of a case and review of the literature, (Radiology), 153: 561, 1984
Wilkey DJ See Sayle BA
Wilkins RA See Garvey CJ
wilkins RA, Sandin B; Price A; et al: extrarenal arterial connections of the normal renal artery, (Cardiovasc Intervent Radiol), 9: 119, 1986
Wilkins SA Jr; Holder LE; Raiker RV; et al: acute appendicitis presenting as acute left scrotal pain: diagnostic considerations, (Radiology), 158: 568, 1986
Wilkinson EJ See Cantrell CJ
Wilkinson JM See Fleishman AB
Wilkinson JM; Moore CJ; Notley HM; et al: use of selectron afterloading equipment to simulate and extend the Manchester system for intracavitary therapy of the cervix uteri, intracavitary therapy of the cervix uteri, (Radiology), 151: 836, 1984 Wilkinson LG See Goldthorn JF

Wilkinson RH See Blickman JG Wilkinson RH See Papanicolaou N Wilkinson RH Jr See Ralston MD Wilkov HR See Tate CF III Willans DJ See Boniface GR

Willard DA; Gabriele OF: megacystic-microcolon-intestinal hypoperistalsis syndrome in a male infant, (JCU), 14: 481, 1986

Willard DA; Moeschler JB: placental chorioangioma: rare cause of elevated amniotic fluid alpha-fetoprotein, (J Ultrasound Med), 5: 221, 1986

Willeit J; Schmutzhard E; Aichner F; et al: CT and MR imaging in neuro-Behcet disease, (JCAT), 10: 313, 1986

Willems D See Eckardt VF Willems J See Eckardt VF Willems J See Mansson E Willey RF See Wardman AG Willi U See Schultz RD Williams A See Mark L Williams A See Russell E Williams AG See Kelsey CA Williams AG See Parker TW Williams AG See Rosenberg RD

Williams AG Jr See Sheward SE
Williams AG Jr, Secker LE, Mettler FA Jr.
insensitivity of Tc-99m pertechnetate imaging
for Kaposi's sarcoma, (Radiology), 157: 575. 1985
Williams AG Jr, Mettler FA Jr; Christie JH; et al: fat
embolism syndrome, (Clin Nucl Med), 11: 495,

Williams AG Jr; Mettler FA Jr; Christie JH: sulfur colloid distribution in normal hips, (Radiology), 152: 270, 1984

Williams AG Jr; Sheward SE: ultrasound appearance of biliary rhabdomyosarce 14: 63, 1986

appearance to thary inaction yosarcona, (ICS),
14: 63, 1986
Williams AL See Daniels DL
Williams AL See Grogan JP
Williams AL See Grogan JP
Williams AL See Hughton VM
Williams AL See Kilgore DP
Williams AL See Noehler PR
Williams AL See Noidich TP
Williams AL See Pach P
Williams AL See Poch P
Williams AR See Gross DR
Williams AR See Saad AH
Williams AR see Saad AH
Williams AR: effects of ultrasound on blood and the circulation, (Clin Diagn Ultrasound), 16: 49,
1985 1985

1985
Williams AR: in vitro biological effects of ultrasound, (Ultrasound Med Biol), 12: 685, 1986
Williams AR; Miller DL; Gross DR: haemolysis in vivo by therapeutic intensities of ultrasound, (Ultrasound Med Biol), 12: 501, 1986
Williams B See Currarino G
Williams B See Lalli AF
Williams CAK See Peters IB

Williams B See Lalli AF
Williams CAK See Peters IB
Williams CC See Brott TG
Williams CD See Zagoria RJ
Williams CD HS See Martino CR
Williams CD HI See Martino CR
Williams CH See Kaude JV
Williams CM See Kaude JV
Williams DC See Marshall V
Williams DM See Dok EJ
Williams DM See Hon KJ
Williams DM, Cho KJ; Aisen AM; Eckhauser FE:
portal hypertension evaluated by MR imaging,
(Radiology), 157: 703, 1985
Williams DM; Cho KJ; Ensminger WD;
Ziessman HA; Gyves JW: hepatic falciform
artery: anatomy, angiographic appearance, and
clinical significance, (Radiology), 156: 339, 1985
Williams DM; Gabrielsen TO; Latack JT; Martel W;
Knake JE: ossification in the cephalic
attachment of the ligamentum flavum: an
anatomical and CT study, (Radiology), 150: 423,
1984

anatomical and CT study. (Radiology). 150: 423, 1984
Williams DO See Berger E
Williams DO; Borer J; Braunwald E; et al:
intravenous recombinant tissue-type
plasminogen activator in patients with acute
myocardial infarction: report from the NHLBI
thrombolysis in myocardial infarction trial,
(Radiology), 160: 298, 1986
Williams G See Evans S
Williams G See Behnam R
Williams G See Kaisary AV
Williams GM See Kinnison ML
Williams HJ Jr See LeRoy AJ
Williams HJ Jr See May GR
Williams J Slavin G; Cox A; et al: diverticular
disease (adenomyomatosis) of the galibladder:
radiological-pathological survey, (Br J Radiol),
59: 29, 1986
Williams J III; Nathan RO; Worthen NJ:

Williams J III; Nathan RO; Worthen NJ: sonographic demonstration of the progression of meconium peritonitis, (Radiology), 156: 282,

Williams JC: breast cancer screening: underuse of mammography, (Radiology), 159: 566, 1986 Williams JE See Bailey MJ Williams JL See Ennis MG

Williams II. See Laurin S

Williams JL See Pearse DM
Williams JL See Ramey SL
Williams JL: intracranial vascular pulsations in
pediatric neurosonology, (Radiology), 152: 848,
1984

Williams JL; Cumming WA; Walker RD III; et al: transitional cell papilloma of the bladder, (Pediatr Radiol), 16: 322, 1986

Williams JL; Faerber EN: septooptic dysplasia (de Morsier syndrome), (J Ultrasound Med), 4: 265, 1985

Williams JP See Allen RF
Williams JP; Blalock CP; Dunaway CL; et al:
schizencephaly, (Radiology), 150: 289, 1984
Williams JP; Joslyn JN: lissencephaly: computed
tomographic diagnosis, (Radiology), 150: 865,
1984

1984 "Williams /P. Joslyn JN; White JL; et al: subdural hematoma secondary to ruptured intracranial aneurysm: computed tomographic diagnosis, (Radiology), 150: 290, 1984 Williams KD See Clasier CM Williams KJ; Gooding GAW: sonographic diagnosis of a neoplasm in a bladder diverticulum, (J Ultrasound Med), 4: 203, 1985 Williams MP See Phillips MS

Williams MP: non-tuberculous psoas abscess, (Clin Radiol), 37: 253, 1986 Williams MR See Hinton CP

Williams R See Curtin HD Williams R See Wall BE

Williams RA; Barth RA: in utero sonographic recognition of diastematomyelia, (AJR), 144: 87, 1985

Williams RC See Choplin RH

Williams RC; Choplin RH; Boehme JM; et al: site planning for radiology computer systems, (AJR), 145: 1087, 1985

Williams RD See Hricak H Williams RD See Leung ML Williams RG See Chin AJ

Williams RG See Lin AE Williams RL See Illescas FF Williams RW See Wolfman NT

Williams S See Kaplan PA Williams S See Saigh J Williams SM See Harned RK

Williams SM; Berk RN; Harned RK: radiologic features of multinodular lymphoma of the colon, (AJR), 143: 87, 1984

colon, (AJR), 143: 87, 1994
Williams SN; Harned RK; Hultman SA;
Quaife MA: psoas sign: reevaluation,
(Radiographics), 5: 525, 1985
Williams SM; Kaplan PA; Petersen JC;
Lieberman RP: mammography in women under
age 30: is there clinical benefit?, (Radiology),
161: 49, 1986

Williams SR See Gadian DG Williams TM See Marinelli DL Williams I M See Marinelli DL Williams V See Moncada R Williamson B See Butler P Williamson B See Hattery RR Williamson B Jr See Zimmer WD Williamson BRJ See Black WC Williamson BRJ See Burke JW

Williamson BRJ See Burke JW
Williamson JF: accuracy of the line and point source
approximations in IR-192 dosimetry, (Int J
Radiat Oncol Biol Phys), 12: 409, 1986
Williamson MR; Boyd CM; McGuire EL;
Angtuaco TL; Westbrook KC; Lang NP;
Alston J; Broadwater JR; Navab F; Bersey ML:
precise intraoperative location of
gastrointestinal bleeding with a hand-held
counter: work in progress, (Radiology), 159: 272,
1986

1986
Williamson MR; Boyd CM; Read RC; et al: 111 Inlabeled leukocytes in the detection of prosthetic
vascular graft infections, (AJR), 147: 173, 1986
Williamson MR; Williamson SL; Seibert JJ:
indium-111 leukocyte scanning localization for
detecting early myocarditis in Kawasaki disease,
(AJR), 146: 255, 1986

Williamson PK See Bomalaski JS Williamson RA See Weiner CP Williamson SL See Seibert JJ Williamson SL See Seibert RW

Williamson SL see Williamson MR
Williamson SL; Seibert JJ; Butler HL; et al:
apparent gut excretion of Tc-99m-DISIDA in a
case of extrahepatic biliary atresia, (Pediatr
Radiol), 16: 245, 1986

Willich E: radiologic diagnosis of diseases of the lymphatic system, (Radiology), 156: 36, 1985 Williford ME See Halvorsen RA Jr Williford ME See Rice RP

Williford ME; Rice RP; Kelvin FM; et al: revascularized jejunal graft replacing the cervical esophagus: radiographic evaluation, (AJR), 145: 533, 1985

(AJR), 145: 533, 1985

Willinsky RA; Arenson AM; Hurwitz JJ; et al:
ultrasonic B-scan measurement of the extraocular muscles in Graves' orbitopathy,
(Radiology), 154: 858, 1985

Willinsky RA; Fazl M: computed tomography of a
sacral perineural cyst, (JCAT), 9: 599, 1985

Willinsky RA; Tator CH; Lewis AJ; et al:
epidermoid tumor: unusual cause of ossification
within the spinal canal, (J Canad Assoc Radiol),
37: 56, 1986

Willis I See Rao AK

37: 56, 1966
Willis J See Rao AK
Wills J; Garrison LP Jr; Evens RG: supply of and
requirements for diagnostic and therapeutic
radiologists, (Radiology), 151: 9, 1984
Wills JS See Edell SL
Wills JS See Roesler PJ Jr

Wills JS: hepatic radiography, (Radiology), 158: 628, 1986

Wills JS: percutaneous gastrostomy: applications in gastric carcinoma and gastroplasty stoma dilatation, (AJR), 147: 826, 1986

dilatation, (A)R), 147: 826, 1986
Wills JS; Oglesby JT: controlled percutaneous
gastrostomy: nylon T-fastener for fixation of the
anterior gastric wall, (Radiology), 160: 278, 1986
Wills JS; Oglesby JT: percutaneous gastrostomy:
further experience, (Radiology), 154: 71, 1985
Willson SA See vanSonnenberg E

Willson SA See vanSonnenberg E:
Willson SA; Gosink BB; vanSonnenberg E:
unchanged size of a dilated common bile duct
after a latty meal: results and significance,
(Radiology), 160: 29, 1986
Willson SA; Sawicka EH; Mitchell IC: spontaneous
pneumothorax: unusual radiological
appearance, (Radiology), 157: 563, 1985

Wilmink JT See Penning L
Wilmink JT; Penning L; vandenBurg W: role of
stenosis of spinal canal in L4-L5 nerve root
compression assessed by flexion-extension
myelography, (Radiology), 155: 279, 1985
Wilmot D See Rush PJ
Wilms G; Oyen R; Waer M; et al: CT demonstration
of aneurysms in polyarteritis nodosa, (JCAT), 10:
513, 1986

Wilms G; Storme L; Vandaele L; et al: CT

vrims v.; Storme L; Vandaete L; et al: CT demonstration of aneurysm of a persistent sciatic artery, (ICAT), 16: 524, 1986
Wilms GE; Baert AL; Steasen JA; Amery AK: renal artery stenosis: evaluation with intravenous digital subtraction angiography, (Radiology), 160: 713, 1986

100: 713, 1986
Wilms CE; Favril A, Baert AL; et al: transcatheter
embolization of uterine arteriovenous
malformations, (Cardiovasc Intervent Radiol), 9:
61, 1986

Wilner HI See Metes JJ Wilson AG; Joseph AEA; Butland RJA: radiology of aseptic cavitation in pulmonary infarction, (Clin Radiol), 37: 327, 1986

Radiol), 37: 327, 1996
Wilson BC See Evill CA
Wilson CB See Berger MS
Wilson CG See Crumley RL
Wilson CG See Crumley RL
Wilson CG See Chatterton BE
Wilson CR See Goodman LR
Wilson CR See Goodman LR
Wilson CR See See Ge
Wilson D See See Ge
Wilson D See Farman AG
Wilson DA; Muchmore HG; Tisdal RG; Fahmy A;
Pitha JV: histoplasmosis of the adrenal glands
studied by CT, (Radiology), 150: 779, 1984
Wilson DA; Nguyen DL; Tytle TL; et al:
sonography of the adrenal glands in chronic
disseminated histoplasmosis, (J Ultrasound
Med.), 5: 69, 1986

Med), 5: 69, 1986

disseminated histoplasmosis, (J Ultrasound Med), 5: 69, 1986
Wilson DA; Steiner RE: periventricular leukomalacia: evaluation with MR imaging, (Radiology), 160: 507, 1986
Wilson DA; Vanhoutt BJ: reliable sonographic diagnosis of hypertrophic pyloric stenosis, (Radiology), 154: 275, 1985
Wilson DD See Kumar R
Wilson DG See Seabold JE
Wilson DG; Green DJ; MacLarnon JC: arthrosonography of the painful hip, (Radiology), 152: 867, 1984
Wilson DJ; Sharma SC; Jose B: intracavitary cone system for electron beam therapy using a Therac 20 linear accelerator, (Int J Radiat Oncol Biol Phys), 12: 1007, 1986
Wilson DM; Enzmann DR; Hintz RL; et al: computed tomographic findings in septo-optic dysplasia: discordance between clinical and radiological findings, (Radiology), 155: 859, 1985

Wilson G: atlas of radionuclide hepatobiliary imaging, (Radiology), 152: 794, 1984 Wilson GA: clinical nuclear medicine, (Radiology), 151: 202, 1984

Wilson GA: clinical nuclear medicine, (Radiology),
151: 202, 1984
Wilson GF: haemorrhagic cystitis emphysematosa,
(Radiology), 158: 569, 1986
Wilson GH See Dietrich RB
Wilson JR See Agha FP
Wilson JF See Gillin MT
Wilson JF See Gillin MT
Wilson JF See Olson LE
Wilson JHF See Nis GAJJ
Wilson MA See Bushnell DL
Wilson MC, Gutierrez O; Moss A: early evaluation of
coronary artery grafts: CT or selective
angiography, (Radiology), 154: 554, 1985
Wilson RA; Sullivan PJ; Okada RD; et al: effect of
eating on thallium myocardial imaging,
(Radiology), 160: 574, 1986
Wilson RD; Traverse L; Hall JG; et al:
oculocrebrocutaneous syndrome, (Radiology),
157: 859, 1985
Wilson RF, Holida MD; White CW: quantitative

oculocerebrocutaneous syndrome, (Radiology), 157: 859, 1985
Wilson RF, Holida MD; White CW: quantitative angiographic morphology of coronary stenoses leading to myocardial infarction or unstable angina, (Radiology), 160: 287, 1986
Wilson SD See Dodds WJ
Wilson SR See Arenson AM
Wilson SR See Hennig RC
Wilson SR See Hennig RC
Wilson SR See Pupols AZ
Wilson SR, Arenson AM: sonographic evaluation of hepatic abscesses, (Radiology), 154: 860, 1985
Wilson WG, Wyandt HE, Shah H: interstitial deletion of 8q. occurrence in a patient with multiple exostoses and unusual facies, (Radiology), 152: 251, 1984
Wilson WJ See Berger PE
Wilson WR; Denny WA; Stewart GM; et al: reductive metabolism and hypoxia-selective toxicity of nitracrine, (Int J Radiat Oncol Biol Phys), 12: 1235, 1986
Wilson-Sharp RC; trving HC; Brown RC; et al:

son-Sharp RC; Irving HC; Brown RC; et al: ultrasonography of the pancreas, liver, and biliary system in cystic fibrosis, (Radiology), 155: 861, 1985

Wilton GP; Wahl RL; Juni JE; et al: detection of gastritis by <sup>99m</sup>Tc-labeled red-blood-cell scintigraphy, (AJR), 143: 759, 1984

Wiltse L See Berger PE Wiltshaw E See Khan O Wimbish KJ See Gross BH Wimbish KJ See Pennes DR Wimmer M See Schlemmer M Winchell RJ See Caride VJ Winchester P See Kleinman PK

Winchester P See Kleinman PK
Winchester P; Brill PW; Cooper R; et al: prevalence
of "compressed" and asymmetric lateral
ventricles in healthy full-term neonates:
sonographic study, (AJNR), 7: 149, 1986
Wincze JP See Malhotra CM
Windeler SA See Palmaz JC
Winders RE See Radwine LS
Windham JP See Watt AC
Windler EET; Lempp FL: US of the upper abdomen:
factors influencing image quality, (Radiology),
157: 513, 1985
Winards CC See White NI

157: 513, 1985
Winer-Muram H See Massie JD
Winer-Muram H See Pinstein ML
Winer-Muram H; Ellis JY; Scott RL; Pinstein ML:
isolated left thoracic isomerism, (Radiology),

155: 10, 1985 Winer-Muram HT See Gavant ML Winer-Muram HT See Salazar JE Winer-Muram HT See Scott RL

Winer-Muram HT; Muram D; Gillieson MS: uterine myomas in pregnancy, (Radiology), 154: 861, 1985

861, 1985
Winer-Muram HT; Muram D; Salazar J; et al:
hepatic rupture in preeclampsia: role of
diagnostic imaging, (Radiology), 157: 849, 1985
Winfield AC See Dray R]
Winfield AC See Earthman WJ
Winfield AC See Heller RM
Winfield AC See Heller RM

Winfield AC See Heller RM
Winfield AC; Ford CV; James AE Jr; et al: response
of patients to informed consent for excretory
urography, (Urol Radiol), 8: 35, 1986
Winfield AC; Kirchner SG; Brun ME; Mazer MJ;
Braren HV; Kirchner FK Jr: percutaneous
nephrostomy in neonates, infants, and children,
(Radiology), 151: 617, 1984
Winfield AC; Masson WS; Harding DR; Diggs J;
Wentz AC: hexabrix as a contrast agent for
hysterosalpingography, (Radiology), 152: 232,
1984
Wing WW See Goldstein RB.

1984
Wing VW See Goldstein RB
Wing VW See Jeffrey RB Jr
Wing VW See Laing FC
Wing VW See Townsend RR
Wing VW See Townsend RR
Wing VW See Townsend RR
Wing VW, Federle MP; Morris JA Jr; et al: clinical
impact of CT for blunt abdominal trauma, (AJR
145: 1191, 1985

145: 1191, 1985
Wing VW; Jeffrey RB Jr; Federle MP; Helms CA;
Trafton P: chronic osteomyelitis examined by
CT, (Radiology), 154: 171, 1985
Wing VW; Jeffrey RB Jr; Hightower DR; et al:
digital-scout-radiograph-assisted percutaneou
abscess drainage (technical note), (AJR), 147:
406, 1986

Wing VW; Laing FC; Jeffrey RB Jr: sonographic differentiation of enlarged hepatic arteries from dilated intrahepatic bile ducts, (AJR), 145: 57,

1985
Wing VW; vanSonnenberg E; Kipper S;
Bieberstein MP: indium-111-labeled leukocyte
localization in hematomas: a pitfall in abscess
detection, (Radiology), 152: 173, 1984
Winkelhake J See Revel D
Winkelman MD See Costigan DA
Winkler JD See Hillman BJ
Winkler JD See Hillman BJ
Winkler ML See Goldman IS
Winkler ML See Goldman IS
Winkler ML See Hricak H
Winkler ML See Hricak H
Winkler ML See Horcathy S
winkler ML, Higgins CB: MRI of perivalvular
infectious pseudoaneurysms, (AJR), 147: 253,
1986

Winkler ML; Hricak H: pelvis imaging with MR: technique for improvement, (Radiology), 158: 848, 1986

848, 1986
Winkler R See Grabbe E
Winkler R See Grabbe E
Winn M; Weissmann HS; Sprayregen S; et al:
radionuclide detection of lower gastrointestinal
bleeding sites, (Radiology), 151: 835, 1984
Winsberg F See Challender JG
Winsberg F See Lewandowski BJ
Winsett MZ See Bedi DG
Winsett MZ; Fagan CJ; Bedi DG: sonographic
demonstration of bladder-flap hematoma, (J
Ultrasound Med), 5: 483, 1986
Winston E See Goldstein S
Winston KR See Beatty RM
Winter J See King W III
Winter J See King W III
Winter J; Kimme-Smith C; King W III:
measurement accuracy of sonographic sector

Winter J; Kimme-Smith C; King W III: measurement accuracy of sonographic sector scanners, (AJR), 144: 645, 1985 Winter MW See Weis JW Winter R See Biedert S Winter RB, Moe JH; Lonstein JE: incidence of Klippel-Feil syndrome in patients with congenital secilosis and kyphosis, (Radiology), 155: 548, 1985

Winzelberg GG: sensitivity and specificity of common scintigraphic procedures, (Radiology), 159: 138, 1986

159: 138, 1986
Winzelberg GG; Hydovitz JD: radionuclide imaging of parathyroid tumors: historical perspectives and newer techniques, (Semin Nucl Med), 15: 161, 1985
Winzelberg GG; Hydovitz JD; O'Hara KR; Anderson KM; Turbiner E; Danowski TS; Lippe RD; Melada GA; Harrison AM: parathyroid adenomas evaluated by Tl-201/Tc-99m pertechnetate subtraction scintigraphy and high-resolution ultrasonography, (Radiology), 155: 231, 1985

193: 231, 1985 Winzelberg GG; Melada GA; Hydovitz JD: false-positive thallium-201 parathyroid scan of the mediastinum in Hodgkin's lymphoma, (AJR), 147: 819, 1986

147: 819, 1986

Winzelberg GG; Wholey MH; Jarmolowski CA;

Sachs M; Weinberg JH: patients with
hemoptysis examined by Tc-99m sulfur colloid
and Tc-99m-labeled red blood cells: a
preliminary appraisal, (Radiology), 153: 523,
1984

1984
Wippold FJ See Barkovich AJ
Wise RH Jr; Shin MS; Gockerman JP; et al:
pneumonia in bone marrow transplant patients,
(AJR), 143: 707, 1984
Wiseman DA See Corenblum B

Wismer G See Edelman RR Wismer GL See Dinsmore RE Wismer GL See Kaul S Wismer GL See New PFJ

Wismer GL See New PFJ
Wismer GL; Rosen BR; Buxton R; et al: chemical
shift imaging of bone marrow: preliminary
experience, (A]R, 148: 1031, 1985
Wisniewski KE; Dalton AJ; McLachlan DRC; et al:
Alzheimer's disease in Down's syndrome:
clinicopathologic studies, (Radiology), 159: 573, 1986

Witanowski LS See Rosebrough SF Witelson SF: brain connection: corpus callosum is larger in left-handers, (Radiology), 158: 285, 1986

Withers C See Casola G

Withers C See Lewandowski BJ Withers C See Lewandowski BJ Withers C See vanSonnenberg E Withers HR: predicting late normal tissue respoi (Int) Radiat Oncol Biol Phys), 12: 693, 1986

Withers HR; Mason KA; Davis CA: MR effect on murine spermatogenesis, (Radiology), 156: 741, 1985

Withers HR; Mason KA; Thames HD Jr: late radiation response of kidney assayed by tubule-cell survival, (Br J Radiol), 59: 587, 1986

cell survival, (Br J Radiol), 59: 587, 1986 Witherspoon L; Shuler S; Alyea K; et al: digoxin-like substance in term pregnancy, newborns, and renal failure, (J Nucl Med), 27: 1418, 1986 Witrak BJ; Davis PC; Hoffman JC Jr: sinus pericranii: case report, (Pediatr Radiol), 16: 55, 1986

1986
Witrak BJ; Sprawls P: maternity lead apron,
(Radiology), 150: 597, 1984
Witt TR; Bains MS; Zamen MB; et al:
adenocarcinoma in Barrett's esophagus,
(Radiology), 151: 258, 1984
Witte RJ; Petersen RJ; Augustine SC; et al: indium111 labeled leukocyte imaging following
hepatic artery embolization, (Clin Nucl Med),
11: 341, 1986
Wittekoek S See Maudsley AA
Witten DM See Singh A
Witten RM See Solti-Bohman LG
Wittenberg I See Rutch RI

Witten RM See Solti-Bohman LG Wittenberg J See Butch RJ Wittenberg J See Edelman RR Wittenberg J See Mueller PR Wittenberg J See Papanicolaou N

Wittenberg J See Simeone JF Wittenberg J See Stark DD Wittenberg J See White EM Wittenberg J See White EM Wittich G See Salomonowitz E Wittich G See Tscholakoff D

Wittich G See Tscholakoff D: congenital portosystemic shunt diagnosed by combined real-time and Doppler sonography, (J Ultrasound Med), 4: 315, 1985

Wittich G; Salomonowitz E; Szepesi T; et al: small bowel double-contrast enema in stage III ovarian cancer, (AJR), 142: 299, 1984

Wittich GR See Brown JJ Wittich GR See Kumpan W Wittich GR See Quinn SF

Wittich GR See vanSonnenberg E Wittich GR; Scheible WF; Hajek PC: ultrasonography of the salivary glands, (Radiol Clin North Am), 23: 29, 1985 Witwer G See Raasch BN

Witwer G; Cacayorin ED; Bernstein AD; et al: iopamidol and metrizamide for myelography: prospective double-blind clinical trial, (AJNR), 5: 403, 1984

3: 405, 1994 Witwer G; Cacayorin ED; Bernstein AD; et al: iopamidol and metrizamide for myelography. prospective double-blind clinical trial, (AJR), 143: 869, 1984

143: 869, 1984
Witzel MA See Stringer DA
Witztum K See Taylor A Jr
Witztum KF See Halpern SE
Witztum KF See Kipper MS
Witztum KF See Kipper SL
Witztum KF See Pettigrew RI

Witztum KF See Pollen JJ Witztum KF See Wesselius LI Wladimiroff JW See Tonge HM

Wobbes T See Strijk SP Woda B See Ryan PJ

Woo JSK; Wong LC; Ma H-K: sonographic patterns of pelvic and hepatic lesions in persistent trophoblastic disease, (Radiology), 157: 574, 1985

Woelfel GF See Wilbur AC Wohl MEB See Griscom NT

Wohl MEB See Griscom NI. Wojciechowski J. Johansson R; Bjork L: iopamidol compared with Conray in peripheral angiography. (Radiology), 150: 612, 1984 Wojciechowski M See Vaisman U

Wojtowicz J; Pawlak B; Lehman Z; et al: cardiac chambers and their walls in cardiomyopathies as evaluated with CT, (Radiology), 154: 553,

Wojtowycz M See Liu P

Wojtowycz M: computertomographie-verfahren: transmissions-, emissions-, magnet-resonanz-CT. physik, technik und medizinische CT. physik, technik und medizinische perspectiven (computed tomographic methods: transmission, emission, and magnetic resonance CT. physics, techniques and medical perspectives, (Radiology), 161: 526, 1986
Wojtowycz MM See de Vries N

Wolbarst AB See Kase KR Wold LE See Grantham JG Wold LE See Zimmer WD

Wold LE; Laws ER Jr: cranial chordomas in children and young adults, (Radiology), 152: 848, 1984 Woldesemait A See Hu K-N

Wolf AP See Shiue C-Y Wolf EL See Brandt LJ

Wolf EL See Frager DH
Wolf EL; Frager D; Beneventano TC; feasibility of
double-contrast barium enema in the elderly,
(AJR), 145: 47, 1985

Wolf EL; Frager D; Beneventano TC: radiologic demonstration of important gastrostomy tube complications, (Gastrointest Radiol), 11: 20, 1986

Wolf EL; Frager J; Brandt LJ; et al: radiographic appearance of the esophagus and stomach after laser treatment of obstructing carcinoma, (AJR), 146: 519, 1986

Wolf G See Grossman RI Wolf G See Skalina S

Wolf G See Skalina S
Wolf GL: models and techniques in medical imaging research, (Radiology), 153: 646, 1984
Wolf GL: safer, more expensive iodinated contrast agents: how do we decide?, (Radiology), 159: 557, 1986

Wolf GL: vitalism and proton relaxation, (Invest Radiol), 21: 427, 1986

Wolf GL; Baum S: nuclear magnetic resonance contrast agents for proton imaging, (Radiographics), 4: 66, 1984
 Wolf GL; Joseph PM; Goldstein EJ: optimal pulsing sequences for MR contrast agents, (AJR), 147: 367, 1986

Wolf GL; Lentini EA; LeVeen RF: reduced vasoconstrictor response after angioplasty in normal rabbit aortas, (AJR), 142: 1023, 1984

Wolf GL; LeVeen RF; Ring EJ; potential mechanisms of angioplasty, (Radiology), 152: 944: 1024

Wolf K-J; Goldberg HI; Wall SD; et al: feasibility of the peroral pneumocolon in evaluating the ileocecal region, (AJR), 145: 1019, 1985

Wolf K.-J. Steidle B; Skutta T; et al: iopromide: clinical experience with a new non-ionic contrast medium, (Radiology), 150: 612, 1984Wolfe GT; Daniel F; Krause CJ; et al: intramuscular hemangioma of the head and neck, (Radiology), 157: 856, 1985

Wolfe JT III; Scheithauer BW; Dahlin DC: giant-cell tumor of the sphenoid bone. review of 10 cases, (Radiology), 151: 553, 1984

Wolfe RD; Dieden JD: cruciate ligament injury: diagnostic difficulties in the presence of meniscal injury, (Radiology), 157: 19, 1985 Wolfe SA See Altman M; Wolfe WG See Iglehart JD

Wolfel DA; Lovett BP; Ortenburger AI; Johnson LS; Sommerville DL: outpatient arteriography: its safety and cost effectiveness, (Radiology), 153: 363, 1984

(Radiology), 153: 363, 1984
Wolff AP See Mikhael MA
Wolff S; James TL; Young GB; Margulis AR;
Bodycote J; Afzal V: magnetic resonance
imaging: absence of in vitro cytogenetic
damage. (Radiology), 155: 163, 1985
Wolfgram KR See Hill LM

Wolfman M See Pastakia B Wolfman NT See Bechtold RE Wolfman NT See Wall BE Wolfman NT See Ward CF

Wolfman NT: real-time ultrasound: a manual for physicians and technical personnel, (Radiology), 151: 454, 1964
Wolfman NT; Karstaedt N; Kawamoto EH: pleomorphic carcinoma of the pancreas: computed-tomographic, sonographic, and pathologic findings, (Radiology), 154: 329, 1985
Wolfman NT; Moran R; Moran PR; Karstaedt N: simultaneous MR imaging of both breasts using a dedicated receiver coil, (Radiology), 155: 241, 1985

Wolfman NT; Williams RW; Wall BE; et al: design modification of dedicated MR breast coil, (JCAT), 10: 893, 1986

Wolford LM See Harms SE Wolf-Rosenblum S See Orton CG Wolfson DM See Sachar DB Wolfson JJ See Giyanani VL

Wolfson JJ See Giyanani VL
Wolfson RJ See Swartz JD
Wolfson RN See Philipson EH
Wolfson RN; Peisner DB; Chik LL; et al:
comparison of biparietal diameter and femur
length in the third trimester: effects of
gestational age and variation in fetal growth, (J
Ultrasound Med), 5: 145, 1986

Wolfson RN; Zador IE; Halvorsen P; et al: biparietal diameter in premature rupture of membranes: errors in estimating gestational age, (Radiology), 152: 267, 1984 Wolfson SK Jr See Gur D

Wolfson SK Jr See Gur D Wolfson SK Jr See Yonas H Wolinski AP; McCall IW; Evans G; et al: femoral neck growth deformity following the irritable hip syndrome, (Radiology), 155: 856, 1985 Wolk RB: sarcoidosis of the orbit with bone destruction, (AJNR), 5: 204, 1984

Wolman SL See Rose DB Wolpert SM See Smith SP

Wolpert SM See Wood JB

Wolpert SM See Wood JB
Wolpert SM: radiology of pituitary adenomas,
(Semin Roentgenol), 19: 53, 1984
Wolpert SM; Molitch ME; Goldman JA; et al: size,
shape, and appearance of the normal female
pituitary gland, (AJNR), 5: 263, 1984
Wolschendorf K; Vanselow K; Moller WD; et al:
quantitative determination of anticonvulsantinduced bone demineralization by an improved
x-ray densitometry technique, (Radiology), 152:
258, 1984

Woltering EA See Dwyer AJ Wolverson MK See Heiberg E Wolverson MK See Salimi Z

Wolverson MK See Salimi Z
Wolverson MK; Heiberg E; Tantana S; et al:
intravenous DSA and duplex sonography as
screening examinations for carotid disease:
comparison in 102 vessels, (AJNR), 6: 569, 1985
Wolverson MK; Kannegiesser H: CT of bilateral
adrenal hemorrhage with acute adrenal
insufficiency in the adult, (AJR), 142: 311, 1984

Wondrow MA See Gray JE Wong C See Littlejohn GO Wong CYH See Dubroff JM

Wong DF See Inoue Y Wong DF; Espinola D; Camargo EE; et al: sequential computer-assisted hepatobiliary scintigraphy in the evaluation of conjoined twins, (AJR), 142: 479, 1404

479, 1984
Wong F; Kwa W: electrom beam dosimetry study of
the digits in total body surface irradiation,
(Radiology), 156: 288, 1985
Wong HB See Yip WCL
Wong HY See Yee C

Wong J See Choi TK Wong KP See Choi TK Wong K-P See Lok AS-F Wong LC See Woe JS Wong LC See Woo JSK

Wong M See Boltwood CM
Wong M See Boltwood CM
Wong M; Tei C; Shah PM: sensitivity and specificity
of two-dimensional echocardiography in the
detection of valvular calcification, (Radiology),
152: 562, 1984

Wong R See Bednarek DR Wong R See Kaczmarek RG

Wong W See Sussman S Wong WKT See Fenichel GM

Wong WKT See Fenichel GM Wong WS; Moss AA; Federle MP; Cochran ST; London SS: renal infarction: CT diagnosis and correlation between CT findings and etiologies, (Radiology), 150: 201, 1984
Woo JSK See Li DFH

Woo JSK; Li DFH; Wan MCW; et al: intrauterine Woo JSK; Li DFH; Wan MCW; et al: intrauterine cystocentesis: simple procedure to relieve anatomic and physiologic dysfunction in the fetus, (JCU), 14: 474, 1986
 Woo JSK; Wan MCW: evaluation of fetal weight prediction using a simple equation containing the fetal femur length, (J Ultrasound Med), 5: 453, 1986

Woo JSK, Wan CW; Cho KM: computer-assisted evaluation of ultrasonic fetal weight prediction using multiple regression equations with and without the fetal femur length, (J Ultrasound Med), 4: 65, 1985

Woo JSK; Wan CW; Fang A; et al: is fetal femur length a better indicator of gestational age in the growth-retarded fetus as compared with biparietal diameter?, (J Ultrasound Med), 4: 139, 1985

Woo JSK; Wong LC; Hus C; et al: sonographic appearances of the partial hydatidiform mole, (Radiology), 151: 835, 1984

Woo JSK; Wong LC; Ma H-K: sonographic patterns of pelvic and hepatic lesions in persistent trophoblastic disease, (J Ultrasound Med), 4: 189, 1985

Wood AJ See Pike MG

Wood BP See Katzberg RW
Wood BP See Katzberg RW
Wood BP See Listinsky JL
Wood BP: anatomy of the infant head, (Radiology),
161: 622, 1986

161: 622, 1986

Wood BP: Caffey's pediatric x-ray diagnosis.
integrated imaging approach. 2 vols.,
(Radiology), 158: 498, 1986

Wood BP: differential diagnosis in pediatric
radiology, (Radiology), 155: 314, 1985

Wood BP: gamut index of skeletal dysplassias: an aid
to radiodiagnosis, (Radiology), 154: 318, 1985

wood BP; pediatric magnetic resonance imaging, (Radiology), 161: 340, 1986 Wood BP; x-ray diagnosis in neonates, (Radiology), 153: 400, 1984

Wood BP; Ben-Ami T; Teele RL; Rabinowitz R: ureterovesical obstruction and megaloureter: diagnosis by real-time U5, (Radiology), 156: 79, 1985

Wood BP; Harwood-Nash DC; Berger P; et al: intradural spinal lipoma of the cervical cord, (AJNR), 6: 452, 1985

Wood C See Templeton PA Wood CH; Jeans WD; Coakham HB: case report

Moyamor disease: unusual cause of cerebral infarction, (Clin Radiol), 37: 289, 1986 Wood CPL See Harpold GJ Wood JB; Wolpert SM: lumbosacral meningioma, (AJNR), 6: 450, 1985

Wood WE See Cibis GW Woodard HQ See Huvos AG Woodcock JP See Taylor KJW

Woodham CH See Gupta R
Woodhaad PJ: thymic enlargement following chemotherapy, (Radiology), 155: 854, 1985
Woodring JH See Fried AM

Woodring JH See Lee C Woodring JH See Stelling CB

Woodring JH: recognition of pleural effusion on supine radiographs: how much fluid is required?, (AJR), 142: 59, 1984

required., (AJR), 142: 59, 1984
Woodring JH; Loh FK; Kryscio RJ: mediastinal hemorrhage: an evaluation of radiographic manifestations, (Radiology), 151: 15, 1984
Woodring JH; Rhodes RA III: posterosuperior mediastinal widening in aortic coarctation, (AJR), 144: 23, 1985

Woodring JH; Vandiviere HM; Fried AM; et al: update: radiographic features of pulmonary tuberculosis, (AJR), 146: 497, 1986

Woodruff WW See Gamba JL Woodruff WW III; Hoeck BE; Chitwood WR Jr; et al: radiographic findings in pulmonary hypertension from unresolved embolism, (AJR), 144: 681, 1985

Woodruff WW III; Merten DF; Wagner ML; Kirks DR; Kronic pulmonary embolism in children, (Radiology), 159: 511, 1986 Woodruff WW Jr; Yeates AE; Dent GA: ventricular shunt therapy of the brain: long-term rubber-catheter-induced inflammation, (Radiology), 158: 171, 1986. 158: 171, 1986

Woodruff WW Jr; Yeates AE; McLendon RE: perineural tumor extension to the cavernous sinus from superficial facial carcinoma: CT manifestations, (Radiology), 161: 395, 1986

woods BO See McLoud TC
Woods BO See McLoud TC
Woods DM; Bechtel W; Charnsangavej C; Haynie
TP; Kim EE; Carrasco CH; Wallace S: gluteal
artery occlusion: intraarterial chemotherapy of
pelvic neoplasms, (Radiology), 155: 341, 1985

Woods DM; Wright KC; Carrasco CH; et al: experimental enhancement of drug uptake using short-term flow occlusion: comparison of balloon and tourniquet techniques, (AJR), 146: 375, 1986

37, 1980
Woods J See Marnocha KE
Woodside JR See Rudy DC
Woodson GE See Horowitz BL
Woodson GE; Robbins KT; Michaels L; inverted
papilloma: considerations in treatment,
(Radiology), 161: 863, 1986

Woolf PD: nuclear medicine in vitro. 2d ed., (Radiology). 153: 542, 1984 Woolridge JD; Healy J: echocardiographic diagnosis of right ventricular thromboembolism, (Radiology), 152: 263, 1984

Woolsey EJ See Agha FP Woolsey EJ See Glazer GM

Wopperer DB: 100 pearls in clinical diagnostic radiology, (Radiology), 154: 312, 1985

Wopperer DB: notes on radiological diagnosis: the trainee's survival kit, (Radiology), 152: 40, 1984 Wopperer DP: multiple choice questions in radiology, (Radiology), 152: 304, 1984 Working KR See Harisiadis L

Workman P See Newman HFV Worsham GF See Brower AC Wortham DG See Lufkin RB

Worthen NJ See Williams J III
Worthen NJ; Gilbertson V; Lau C: cortical sulcal
development seen on sonography: relationship
to gestational parameters, (J Ultrasound Med), 5:
153, 1986

153, 1986 Worthington BS See Powell MC Worthington BS; Wright JE; Curati WL; et al: role of magnetic resonance imaging techniques in the evaluation of orbital and ocular disease, (Clin Radiol), 37: 219, 1986

Worthington C See Theron J Worthington C; Caron J-L; Melanson D; et al: meningioma cysts, (Radiology), 161: 863, 1986 Worthington C; Peters TM; Ethier R; et al:

stereoscopic digital subtraction angiography in neuroradiologic assessment, (AJNR), 6: 802, 1985

1985
Worthington JL See Lee JKT
Worthington JL; Balfe DM; Lee JKT; Gersell DJ;
Heiken JP; Ling D; Glazer HS; Jacobs AJ;
Kao MS; McClennan BL: uterine neoplasms:
MR imaging, (Radiology), 159: 725, 1986
Worthy L; Miller EI; Chinn DH: evaluation of
extratesticular findings in scrotal neoplasms, (J
Ultrasound Med), 5: 261, 1986

Wortzman G; Steinhardt MI: congenitally absent lumbar pedicle: a reappraisal, (Radiology), 152: 713, 1984

Wouters JMGW; Reekers P; van de Putte LBA: adult-onset Still's disease: disease course and HLA associations, (Radiology), 161: 575, 1986 Woyke S See Czerniak B

Wozney P. Zajko AB, Bron KM; et al: vascular complications after liver transplantation: 5-year experience, (AJR), 147: 657, 1986 Wraight EP See Buyon-Thomas MS Wraight EP See Coltart RS

Wright A See Enzmann DR Wright DC See Di Chiro G Wright E See Quinn SF

Wright GL; Smith RJH; Katz CD; et al: benign parotid diseases of childhood, (Radiology), 159: 823, 1986

823, 1986
Wright HR Jr See Timmons JH
Wright JE See Krohel GB
Wright JE See Worthington BS
Wright JL See Magee F
Wright JM See Ammann W
Wright JW See Freson M
Wright JW See McArdle CB
Wright KA See Lo TCM
Wright KC See Bechtel W
Wright KC See Charmann W Wright KC See Charnsangavej C Wright KC See Kudo S

Wright KC See Roehm JOF Jr Wright KC See Wallace MJ Wright KC See Woods DM

Wright KC; Wallace S; Charnsangavej C; et al: flow-directed catheter for superselective arterial catheterization: experimental evaluation, (Cardiovasc Intervent Radiol), 9: 54, 1986

Wright KC; Wallace S; Charnsangavej C;
Carrasco CH; Gianturco C: percutaneous endovascular stents: experimental evaluation, (Radiology), 156: 69, 1985
Wright LC See Mountford CE
Wright PF See Kirchner SG

Wright RM See Hanigan WC Wright SH See Ebert EC

Wright SM See Hanigan WC
Wright SM See Hanigan WC
Wright SM See Magin RL
Wright TP, Sugerman HJ; Tatum JL; et al:
comparison of indium 111-labeled platelets v
leukocytes in a pyogenic abscess, (Radiology),
136: 284, 1985

Wright VMF See Sluis-Cremer GK

Wu C-C See law T-S Wu E-h; Tang Y-s; Zhang Y-t; et al: CT in diagnosis of acoustic neuromas, (AJNR), 7: 645, 1986

Wu F; Snow B; Taylor A Jr: potential pitfall of DMSA scintigraphy in patients with ureteral duplication, (J Nucl Med), 27: 1154, 1986

Wu P See Jackson IMD Wu PYK See Walther FJ

Wu RK See Siegel JA Wu RK; Siegel JA; Rattner Z; et al: Tc-99m HIDA

Wu RK; Siegel JA; Rattner Z; et al: Tc-99m HIDA dosimetry in patients with various hepatic disorders, (Radiology), 155: 862, 1985

Wu S-Y; Brown T; Lyons KP: symmetrical focal chest uptake in gallium-67 scintigraphy, (Semin Nucl Med), 14: 146, 1984

Wu S-Y; Brown T; Milne N; et al: iodine 131 total body scan—extrathyroidal uptake of radioiodine, (Semin Nucl Med), 16: 82, 1986

Wu S-Y; Kollin J; Coodley E; et al: 1-131 total-body scan: localization of disseminated gastric adenocarcinoma. case report and survey of the literature, (Radiology), 158: 567, 1986

Wu WC See Celfand DW

Wu WC See Obrecht WF Jr

Wu WC See Otr DJ

Wu XL See Yin ZY

Wu-Connolly L See Wallis JW

Wu XL See Yin ZY
Wu-Connolly L See Wallis JW
Wulff K See Heger L
Wung J-T See Berdon WE
Wussow W See Stober T
Wyandt HE See Wilson WG

Wyatt HL See Haendchen RV Wyatt J See Chalmers AG

Wyatt J See Chalmers AG
Wycoco D; Raval B: unusual presentation of
mediastinal Hodgkin's lymphoma on computed
tomography, (Radiology), 150: 614, 1984
Wycoff RR See Bradley WG Jr
Wyker AW See Tegtmeyer CJ
Wyllie R See Brindza D
Wyly JB See Ball TI

Wyly JB See Ball TI
Wyly JB See Ball TI
Wyly JB; Lebowitz RL: refluxing urethral ectopic
ureters: recognition by the cyclic voiding
cystourethrogram, (AJR), 142: 1263, 1984
Wyly JB; Resende CMC; Teele RL: ultrasonography
of the complicated duplex kidney: further
observations, (Semin US CT MR), 5: 35, 1984

Wynchank S See Brendel AJ Wynchank S See Brendel AJ Wynne JM; Ellman BAH: bolus obstruction by Ascaris lumbricoides (Radiology), 150: 288, 1984 Wynne-Davies R See Crossan JF

Wyner D See Condon BR
Wyshak G See Hall FM
Wytock DH; Bartholomew LG; Sheps SG: digital ischemia associated with small bowel malignancy, (Radiology), 151: 259, 1984

Xian-hao X See Yu-zhang X Xu G-Z See Zhang Z-X Xue JW See Maniglia AJ Xue-zeng S; Guo-zhen X: computed tomography in 100 cases of bronchogenic carcinoma, (Radiology), 155: 283, 1985 Xue-zhe Z See Yu-zhang X

Yabuuchi I See Matsuda Y Yabuuchi I See Matsuda Y
Yacovone J See Schneider R
Yadley RA See Bradley WG Jr
Yaffe MJ: physical principles of computed
tomography, (Radiology), 151: 438, 1984
Yaffe MJ; Johns PC; Nishikawa RM; Mawdsley GE;
Caldwell CB: anthropomorphic radiologic
phantoms, (Radiology), 158: 550, 1986
Yagan R; Wiesen E; Bellon EM: mammographic
needle localization of lesions seen in only one
view, (AJR), 144: 911, 1985
Yaghmai I: spine changes in neurofibromatosis,

view, (AJR), 144: 911, 1985
Yaghmai I: spine changes in neurofibromatosis,
(Radiographics), 6: 261, 1986
Yaghoobian J See Ramanathan K
yaghoobian J; Pinck RL; Ramanathan K; et al:
sonographic demonstration of simultaneous
intrauterine and extrauterine gestation, (J
Ultrasound Med), 5: 309, 1986

Yaguchi K See Takahashi S

Yagupsky P See Meller Y Yahalom M See Or I Yakes WF; Pevsner P; Reed M; et al: serial ees wr; revisine r; keed w; et al: serial embolizations of an extremity arteriovenous malformation with alchohl via direct percutaneous puncture, (AJR), 146: 1038, 1986 nada K See Araki T Yamada T See Muramatsu Y Yamada T See Takayasu K Yamagata Y See Nomura G Yamaguchi H See Ishigaki T

Yamaguchi T; Naito H; Ohta M; Sugahara T; Takamiya M; Kozuka T; Nakajima N: false lumens in type III aortic dissections progres CT study, (Radiology), 156: 757, 1985

CT study, (Radiology), 156: 757, 1985

Yamakita N; Yasuda K; Goshima E; et al:
comparative assessment of ultrasonography and
computed tomography in adrenal disorders,
(Ultrasound Med Biol), 12: 23, 1986

Yamakita N; Yasuda K; Miura K: delineation of
adrenal in controls and nontumorous adrenal
disorders by real-time ultrasonic-scanner,
(Ultrasound Med Biol), 12: 107, 1986

Yamamoto I See Aoki J

Yamamoto I See Hayashi N
Yamamoto K See Hayashi N
Yamamoto K; Som P; Brill AB; et al: dual tracer
autoradiographic study of \( \theta \)—methyl-(1-\(^{1-\text{C}}\))
heptadecanoic acid and 15-\( p-\(^{131}\))-iodophenyl-\( \theta \)—methylpentadecanoic acid in normotensive and hypertensive rats, (J Nucl Med), 27: 1178, 1986

Yamamoto R See Kasugai H Yamamoto S See Kanno I

Yamamoto S; Miura S; Iida H; et al: BGO detector unit for a stationary high resolution positron emission tomograph, (JCAT), 10: 851, 1986

Yamamoto T See Todo Y Yamamoto Y See Fukui K

Yamamoto Y; Asari S; Sadamoto K: computed angiotomography of the brain: normal and normal variations of cerebral vessels, (Comput Radiol). 10: 71, 1986

Yamamoto, Y. Asari S. Sunami N. et al: computed angiotomography of unruptured cerebral aneurysms, (JCAT), 10: 21, 1986

Yamamoto YL See Tyler JL Yamamura H See Iishi H Yamamuro T See Nakashima Y Yamanashi WS See Barnes PD Yamanashi WS See Harms SE Yamasaki S See Takayasu K

Yamashita J See Takayasu K Yamashita S; Kondo M; Inuyama Y; et al: improved survival of patients with nasopharyngeal squamous cell carcinoma, (Int J Radiat Oncol Biol Phys), 12: 307, 1986

Yamashita Y; Takahashi M; Bussaka H; et al: cerebral vasculitis secondary to Wegener's granulomatosis: computed tomography and angiographic findings, (CT), 10: 115, 1986

Yamato M; Lecky JW; Hiramatsu K; Kohda E: Takayasu arteritis: radiographic and angiographic findings in 59 patients, (Radiology), 161: 329, 1986 Yamazaki S See Makuuchi M

Yan J-H See Yang Z-Y

Yan J-H; Hu Y-H; Gu X-Z: radiation therapy of

1an Jri; riu 1-ti; tu A-Z: radiation interapy of recurrent masopharyngeal carcinoma. report on 219 patients, (Radiology), 151: 278, 1984 Yanai A; Segawa H; Nagata S; Asato H: stereoscopy without instruments: training device, (Radiology), 155: 826, 1985

Yandow DR See de Vries N Yandow DR See Gacetta DJ Yang HM See Beaumier PL Yang JZ See Pan EY

Yang N-C; Leichner PK; Fishman EK; et al: CT volumetrics of primary liver cancers, (JCAT), 10: 621, 1986

Yang P.-C. See Sneu J-C Yang P.-C; Luh K-T; Sheu J-C; Kuo S-H; Yang S-P: peripheral pulmonary lesions: ultrasonography and ultrasonically guided aspiration biopsy, (Radiology), 155: 451, 1985 Yang PJ See Burt TB Yang P-C See Sheu J-C

Yang PJ See Johnson JE Yang PJ See Knake JE

Yang PJ See Ziessman HA Yang PJ; Burt TB; Stricof DD; Seeger JF: intracranial non-Hodgkin lymphoma occurring after treatment of Hodgkin disease, (Radiology), 161: 541.1986

Yang PJ; Graham AR; Carmody RF; et al: intracranial mass in a neonate, (Invest Radiol), 21: 360, 1986

21: 360, 1986

Yang PJ; Knake JE; Gabrielsen TO; Latack JT;
Gebarski SS; Mehta BA; Metes JJ: primary and
secondary histiocytic lymphoma of the brain:
CT features, (Radiology), 154: 683, 1985

Yang PJ; Latack JT; Gabrielsen TO; et al: rotational
vertebral artery occlusion at C1-C2, (AJNR), 6:
98, 1985

Yang PJ; Seeger JF; Carmody RF; et al: Horner's syndrome secondary to traumatic pseudoaneurysms, (AJNR), 7: 913, 1986

Yang PJ; Seeger JF; Dzioba RB; et al: high-dose IV contrast in CT scanning of the postoperative lumbar spine, (AJNR), 7: 703, 1986

Yang P-M See Sheu J-C

Yang P-M See Sheu J-C Yang S-P See Yang P-C Yang WC, Shah V; Nussbaum M; et al: desmoid tumor of the neck: CT and angiographic findings. (A)NR), 5: 478, 1984 Yang Z-See Qin D Yang Z-Y; Hu Y-H; Yan J-H; et al: lymph node metastases in the neck from an unknown primary. report on 113 patients, (Radiology), 151: 278, 1984

Yankaskas BC; Staab EV; Craven MB; et al: delayed complications from fine-needle biopsies of solid masses of the abdomen, (Invest Radiol), 21: 325,

1986 Yankelevitz DF See Lisann NM Yannias DA See Mafee MF Yanoff M See Zimmerman RA Yao T See Iida M Yao Y See Matsui T Yaremko MM See King DL Yarkoni S See Schmidt W

Yarkoni S See Schmidt W ; Jeanty P; et al: clavicular measurement: new biometric parameter for fetal evaluation, (J Ultrasound Med), 4: 467, 1985
Yashiro N See Ohtomo K
Yashiro N See Seo HS
Yashiro N; Yoshida H; Araki T: bilateral "milk of calcium" renal cysts: CT findings, (JCAT), 9: 199,

Yasuda K See Yamakita N Yasunaga T; Takahashi M; Uozumi H; et al: radiation therapy of primary malignant lymphoma of the brain, (Acta Radiol [Oncol]), 25: 23, 1986

Yates CK; Streight RA: focal fatty infiltration of the liver simulating metastatic disease, (Radiology), 159: 83, 1986

Yatsu FM See Bourdette DN

Yatsu FM; Fields WS: asymptomatic carotid bruit, (Radiology), 157: 283, 1985

Yazbeck S; Grignon A; Boisvert J: pseudo-choledochal cyst, (Radiology), 157: 853, 1985 Yazdi R; Cote C: watershed infarction in a case of polycythemia vera, (Clin Nucl Med), 11: 665, 1986

1986

Yeager BA; Dalinka MK: radiology of trauma to the wrist: dislocations, fracture dislocations and instability patterns, (Radiology), 157: 567, 1985

Yeager VL See Archer CR

Yeakley JW; Lee KF; Patchall LL: modified scalp vein needle for arterial puncture in infants, (AJNR), 7: 517, 1986

Yeakley JW, Patchall LL, Lee KF: interpeduncular fossa sign: CT criterion of subarachnoid hemorrhage, (Radiology), 158: 699, 1986 Yeates A See Heinz ER Yeates AE See Bird CR

Yeates AE See Gamba JL Yeates AE See Woodruff WW Jr

Yeates AE; Blumenkopf B; Drayer BP; et al: spontaneous CSF rhinorrhea arising from the middle cranial fossa: CT demonstration, (AJNR), 5: 820, 1984

5: 820, 1984

Yeates AE; Drayer BP; Heinz ER; Osborne D: intraarterial digital subtraction angiography of the
spinal cord, (Radiology), 155: 387, 1985

Yeates K See Howman-Giles R

Yedlicka J See Love L

Yee C; Wong HY; Fewer HD; et al: two cases of dysphagia due to cervical spine osteophytes successfully treated surgically, (Radiology), 157: 565, 1985

Yee ES See Tscholakoff D Yee I See Reich SB

Tee J See Keich SB Yee RD See Zasorin NL Yegnashankaran S See Burbank FH Yeh E-L; Tisdale PL; Zielonka JS: gastric gallium-67 uptake in gastritis, (Radiology), 153: 282, 1984 Yeh H-C See Hermann G

Yeh H-C; Goodman JD; Carr L; Rabinowitz JG: intradecidual sign: US criterion of early intrauterine pregnancy, (Radiology), 161: 463,

1986
Yeh H-C; Goodman J; Rabinowitz JG: floating gallstones in bile without added contrast material, (A]R), 146: 49, 1986
Yeh H-C; Shafir MK; Slater G; Meyer RJ;
Cohen BA; Geller SA: ultrasonography and computed tomography in pseudomyxoma peritonei, (Radiology), 153: 507, 1984
Yeh S See Botet JF
Yeh SDJ See Rossleigh MA
Yeh SDJ See Smith J
Yeh S-H See Liu R-S
Yen C-K; Pollycove M; Crass R: et al: portasyste

Yen C-K; Pollycove M; Crass R; et al: portasystemic shunt fraction quantification with colonic iodine-123 iodoamphetamine, (J Nucl Med), 27: 1321, 1986

Yenerich DO; Haughton VM: oblique plane MR imaging of the cervical spine, (JCAT), 10: 823, 1986

1986

Yeoh EK; Spittle MF: treatment of carcinoma of the cervix and poor-risk endometrial carcinoma using the Cathetron at the Middlesex Hospital: experience since 1979, (Clin Radiol), 37: 165, 1986

Yer WR See Chiodini RJ
Yernault J-C; Kuhn G; Dumortier P; et al: "solid"
mediastinal bronchogenic cyst: mineralogic
analysis, (AJR), 146: 73, 1986
Yester MV See Chakraborty DP
Yester MV See Niklason LT
Yetkin Z; Chintapalli K; Daniels DL; et al: gas in
spinal articulations, (Neuroradiol), 28: 150, 1986
Yetkin Z; Osborn AG; Giles DS; et al: uncovertebral
and facet joint dislocations in cervical articular
pillar fractures: CT evaluation, (AJNR), 6: 633,
1985

1985
Yeung E See Gibson RN
Yeung HN See Go RT
Yeung HN See Han JS
Yeung HN See Hopkins AL
Yeung HN; Kormos DW: separation of true fat and
water images by correcting magnetic field
inhomogeneity in situ, (Radiology), 159: 783,

Yeung SC: case of the season, (Semin Roentgenol), 21: 5, 1986

21: 5, 1986

Yiannikas J See Bellamy GR

Yiengruksawan A; Pow-Anpongkul S; Ganepola

GAP; et al: echogenic wound abscess mimicking
hepatic mass on ultrasonography, (JCU), 14: 376,
1986

1986
1986
Yin ZY; Wu XL; Hu YH; et al: cylindroma of the nasopharynx: chronic disease, (Int J Radiat Oncol Biol Phys), 12: 25, 1986
Yip TCK; Ege GN: determination of depth distribution of internal mammar lymph nodes on lateral lymphoscintigraphy, (Radiology), 156: 573, 1982

572, 1985

Yip WCL; Tay JSH; Wong HB: sonographic diagnosis of infantile hypertrophic pyloric stenosis: critical appraisal of reliability and diagnostic criteria. (Radiology). 159: 570, 1986

Yngve DA; Roberts JM: acetabular hypertrophy in Legg-Calve-Perthes disease, (Radiology). 157: 854, 1985

Yock DH In Construction

854, 1985

Yock DH Jr. fenestration of the supraclinoid internal carotid artery with rupture of associated aneurysm, (AJNR), 5: 634, 1984

Yock DH Jr. septic saddle embolus causing basilar artery rupture without mycotic aneurysm, (AJNR), 5: 822, 1984

(AJNR), 5: 822, 1984
Yocum DE See Wilkey D
Yoder IC See Cronan JJ
Yoder IC See Grant DC
Yoder IC See Hall DA
Yoder IC See Hall DA
Yoder IC See Hall DA
Yoder IC See Papanicolaou N
Yoder IC; Lindfors KK; Pfister RC; diagnosis and
treatment of pyonephrosis, (Radiol Clin North
Am), 22: 407, 1984
Yokoyama J See Kohda E
Yokoyama N; Nagayama Y; Kakezono F; et al:
determination of the volume of the thyroid
gland by a high resolutional ultrasonic scanner,
(J Nucl Med), 27: 1475, 1986
Yonas H See Gur D

giant by a migh resolutional ultrasolite scaliner, (J Nucl Med.), 27: 1475, 1986
Yonas H See Gur D
Yonas H See Gout D; Wolfson SK Jr;
Latchaw RE; Good BC; Leanza R; Miller SL:
mapping cerebral blood flow by xenonenhanced computed tomography: clinical
experience, (Radiology), 152: 435, 1984
Yoneda J See Maruyama Y
Yonekura Y See Murata K
Yonekura Y See Senda M
Yonenobu K; Tada K; Swanson AB: arthrogryposis
of the hand, (Radiology), 155: 552, 1985
Yoo HS See Park CH
Yoo JHK; Orzel JA; Bagnall JW; et al: technetium99m red blood cell blood-pool imaging in
functional asplenia due to leukemic infiltration,
(Clin Nucl Med.), 11: 493, 1986
Yoo RE; Sunwoo YC; Markiwee CR: male pelvic
hemangiopericytoma on computed tomography,
(CT), 10: 73, 1986
Yoon YS See Han JS

(CT), 10: 73, 1986
Yoon YS See Han JS
Yorke ED See Ling CC
Yoshida H See Maeda T
Yoshida H See Mashiro N
Yoshida M See Nishimura Y
Yoshida O See Kawamura J
Yoshikai T; Murakami J; Nishihara H; et al:
hemosuccus pancreaticus: CT manifestations,
(JCAT), 10: 510, 1986

(JCAT), 10: 510, 1986
Yoshikawa K See Ohtomo K
Yoshimoto H; Ikeda S; Tanaka M; Matsumoto S;
Nakayama F; endoscopic retrograde
cholangiography with a balloon catheter:
analysis of 100 consecutive cases, (Radiology),
159: 53, 1986
Yoshimura H See Ohishi M
Yoshimura H See Ohishi M
Yoshimura H; Hatakeyama M; Otsuji H; Maeda M;
Ohishi H; Uchida H; Kasuga H; Katada H;
Narita N; Mikami R; Konishi Y; pulmonary
asbestosis: CT study of subpleural curvilinear
shadow. work in progress, (Radiology), 158: 653,
1986

Yoshinaga H See Kosuda S Yoshinaga H See Kosuda S Yoshinaka H; Nishi M; Kajisa T; et al: ultrasonic detection of lymph node metastases in the region around the celiac axis in esophageal and gastric cancer, (Radiology), 158: 567, 1986

Yoshino K See Ieshima A

Yoshino MT; Mar DY; Hunter TB: sonographic

Yoshino MT; Mar DY; Hunter TB: sonographic demonstration of a pelvic fibromyxoma, (J Ultrasound Med). 4: 365, 1985 Yoshioka H See Egawa T Yoshioka H; Kuroda C; Hori S; et al: splenic embolization for hypersplenism using steel coils, (AJR), 144: 1269, 1985

Yoshioka T See Usunomiya M Yoshizawa M See Horimoto Y Yoshpe N See Brodsky L Yoshpe N See Brodsky L Yoshy C; Montana M: CT findings of metastatic breast carcinoma involving muscle, (JCAT), 9: 967, 1985

Yoshy CS See Shuman WP Yoss BS See Giulian BB

Yoss BS: human milk lactobezoars, (Radiology), 156: 276, 1985

Yoss BS: human milk lactobezoars, (Kadiology), 1s 276, 1985
Youker JE See Goodman LR
Youker JE See Koslin DB
Youkey JR See Cohen AJ
Youle MS; Read NW: effect of painless rectal
distention on gastrointestinal transit of solid
meal, (Radiology), 155: 850, 1985
Young AB See Alsen AM
Young AB See Goldstein SJ
Young AB See Maruyama Y
Young AE; Gaunt JI; Croft DN; et al: location of
parathyroid adenomas by thallium-201 and
technetium-99m subtraction scanning,
(Radiology), 156: 302, 1984
Young AT See Cardella JF
Young AT See Hunter DW
Young AT See Hunter DW
Young AT See Mercado S
Young AT, Hulbert JC; Cardella JF; et al:
percutaneous nephrostolithotomy: applicatio

Young AT See Mercado S
Young AT, See Mercado S
Young AT, Hulbert JC; Cardella JF; et al:
percutaneous nephrostolithotomy: application
to staghorn calculi, (AJR), 145: 1265, 1985
Young AT; Hunter DW; Castaneda-Zuniga WR;
Hulbert JC; Lange PH; Reddy P; Mercado S;
Amplatz K: percutaneous extraction of urinary
calculi: use of the intercostal approach,
(Radiology), 134: 633, 1985
Young AT; Hunter DW; Castaneda-Zuniga WR;
So SKS; Mercado S; Cardella JF; Amplatz K:
thrombosed synthetic hemodialysis access
fistulas: failure of fibrinolytic therapy,
(Radiology), 134: 639, 1985
Young AT; Hunter DW; Lange PH; Lund GB;
Castaneda-Zuniga WR; Hulbert JC; Mercado S;
Cardella JF; Amplatz K: CO; flush: new
technique for percutaneous extraction of
ureteral calculi, (Radiology), 154: 828, 1985
Young AT, Morin RL; Hunter DW; Nelson KL;
Cardella JF; Castaneda-Zuniga WR; Amplatz K:
Surface shield: device to reduce personnel
radiation exposure, (Radiology), 159: 801, 1986
Young DS See White A
Young GB See Wolff S
Young GB See Wolff S
Young GB See Wolff S
Young IR; see Bydder GM
Young IR; See Bydder GM
Young IR; Bydder GM; comparative
efficiency of different pulse sequences in MR
imaging, (JCAT), 10: 271, 1986
Young JR; Bydder GM; Payne JA: flow
measurement by the development of phase
differences during slice formation in MR
imaging, (Magn Res Med.), 3: 175, 1986
Young JR; See Graor RA
Young JR See Risius B
Young JWR See Mirvis SE
Young JWR; anterior subcostal vs. lateral intracostal
approach to biliary drainage procedures,
(Radiology), 154: 547, 1985

Young JWR See Mirvis SE
Young JWR: anterior subcostal vs. lateral intracostal
approach to biliary drainage procedures,
(Radiology), 154: 547, 1985
Young JWR: diagnostic imaging of the acutely
injured patient, (Radiology), 161: 640, 1986
Young JWR: radiology of bone disease. 4th ed.,
(Radiology), 161: 726, 1986
Young JWR; Andersen BL; Reinig JW: oblique chest
film: value in routine and selective use, (AJR),
142: 69, 1984

Young JWR, Burgess AR, Brumback RJ, et al: lateral compression fractures of the pelvis: importance of plain radiographs in the diagnosis and surgical management, (Skeletal Radiol), 15: 103, 1986

Young JWR; Burgess AR; Brumback RJ; Poka A: pelvic fractures: value of plain radiography in early assessment and management, (Radiology), 160: 445, 1986

Young LW See Dominguez R Young LW See Gaisie G Young LW See Ledesma-Medina J Young LW See Rivero H

Young LW See Kivero H
Young PA See Ash CJ
Young Q See Levin M
Young S See Schlesinger AE
Young SW See Djang WT
Young VI See Reinus WR Young W See Cohen WA efzadeh DK See Naidich TP Yousefzadeh DK See Rosenblum J

JOUSETZAGEN DK. See Rosenblum J. YousefZadeD DK, Naidich TP: US anatomy of the posterior fossa in children: correlation with brain sections, (Radiology), 156: 353, 1985.
Yousem DM; Magid D; Fishman EK; et al: computed tomography of stress fractures, (JCAT), 16: 92, 1986.

Yousem DM; Scatarige JC; Fishman EK; et al: low attenuation thoracic metastases in testicular malignancy, (AJR), 146: 291, 1986 Yousem DM; Scott W Jr; Fishman EK; et al:

saphenous vein graft a neurysms demonstrated by computed tomography. (JCAT). 10: 526, 1986 Yousem S See Sommer FG Yousem SA; Weiss LM; Colby TV: primary pulmonary Hodgkin's disease: clinicopathologic study of 15 cases, (Radiology). 160: 857, 1986

Youssef S See Nguyen L Yrizarry JM See Greenwood Yrizarry JM See Nunez D Jr Yrizarry JM See Russell E Yrizarry JM See Sullivan WT Yrizarry JM; Greenwood LH; Whigham CJ; et al: nasogastric biliary endoprosthesis removal, (AJR), 143: 819, 1984 Ytterbergh C See Hemmingsson A Ytterbergh C See Mostrom U Yu AC See Eisenberg D Yu JS See Sholler GF Yu J-Y See Sheu J-C Yu VL See Muder RR Yu VYH See Szymonowicz W

Yu VYH See Szymonowicz rr Yu WS See Sagerman RH Yu YI; du Boulay GH; Paul E: influence of certain factors on the manifestations of the adverse effects of metrizamide myelography, (Neuroradiol), 28: 339, 1986 (Neuroradiol), 28: 339, 1986

Yu YL; du Boulay GH; Stevens JM; et al: computed to bothay on the cervical spondylotic myelopathy and radiculopathy: visualisation of structures, myelographic comparison, cord measurements and clinical utility, (Neuroradiol), 28: 221, 1986 Yu ZH See Chen ZX

Yu ZH See Chen ZX
Yuan Y-w See Shung KK
Yuasa Y; Kohda E; Ido K; Kodera K; Narimatsu Y;
Isobe Y; Hiramatsu K: vasoconstrictive effects
of prostaglandin F2 alpha angiography on
colonic lesions, (Radiology), 151: 305, 1984
Yuasa Y; Kundel HL: magnetic resonance imaging
following unilateral occlusion of the renal
circulation in rabbits, (Radiology), 154: 151, 1985
Yuhas IM See Eyans SM

Yuhas IM See Evans SM

Yuhasz M; Laufer I; Sutton G; et al: radiography of the small bowel in patients with gynecologic malignancies, (AJR), 144: 303, 1985

malignancies, (AJR), 144: 303, 1985
Yumoto E, Kitani S; Okamura H; et al: sino-orbital
aspergillosis associated with total
ophthalmoplegia, (Radiology), 157: 859, 1985
Yumoto Y; Jinno K; Tokuyama K; Araki Y;
Ishimitsu T; Maeda H; Konno T; Iwamoto S;
Ohnishi K; Okuda K: hepatocellular carcinoma
detected by iodized oil, (Radiology), 154: 19,

Yune HY See Klatte EC Yune HY See Olson E

Yune HY; O'Connor KW; Klatte EC; et al: ethanol thrombotherapy of esophageal varices: further experience, (AJR), 144: 1049, 1985

Yutani D See Bauer AR Jr Yu-zhang X; Xue-zhe Z; Xian-hao X; et al: radiologic study of 42 cases of Wilson disease, (Radiology), 157: 567, 1985

Yuzuriha H See Nishitani H

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Zaatari GS See Atkinson GO Jr Zaatari GS See Atkinson GO Jr Zabel G See Weber J Zabell A See Fink IJ Zabrowski RJ See Regenbogen VS Zacharias CE See Petasnick JP Zacharias CE See Ramsey RG Zackrisson BF See Bjork L Zack M See Caldwell GG Zack M See Caldwell GG
Zackrisson BF; Johansson R; Bjork L; et al:
metrizamide and iothalamate meglumine in
peripheral angiography in arterial insufficiency
in the legs, (Radiology), 150: 612, 1984
Zador I See Mariona F Zador IE See Wolfson RN Zafaranloo S See Chan B Zafrani B See Calle R Zagars G See Rubin P Zagoria RJ; Choplin RH; Karstaedt N: pulmonary gangrene as a complication of mucormycosis, (AJR), 144: 1195, 1985

Zagoria RJ; Gelfand DW; Ott DJ: retrograde Zagoria KJ; Gelfand DW; Ott DJ: retrograde examination of the small bowel in patients with an ileostomy, (Gastrointest Radiol), 11: 97, 1986 Zagoria RJ; Karstaedt N; Koubek TD: MR imaging of rhabdomyolysis, (JCAT), 10: 268, 1986 Zagoria RJ; Machen BC; King GT; et al: unsuspected fetal abnormality, (Invest Radiol), 21: 282, 1986

Zagoria RJ; Steiner E; Williams CD; et al: progressive neurologic disorder in a middle aged man, (Invest Radiol), 21: 589, 1986

Zagzag D; Gomori JN; Rappaport ZH; et al: cystic meningioma presenting as a ring lesion, (AJNR), 7: 911, 1986

Zagzebski IA See Davros WI Zagzebski JA See Davros WJ
Zaharia M; Caceres E; Valdivia S; et al:
postoperative whole lung irradiation with or
without adriamycin in osteogenic sarcoma, (Int J
Radiat Oncol Biol Phys), 12: 907, 1986
Zahoor A See Edwards DI

Zahoor A See Edwards DI
Zahorova L. Jablonicky P: our experience with
ultrasonic examination of the paranasal sinuses
in children with abnormal adenoids,
(Radiology), 156: 858, 1985
Zajko AB See Segel MC
Zajko AB See Wozney P

Zajko AB; Bron KM: hepatopetal collaterals after portal vein thrombosis following liver transplantation, (Cardiovasc Intervent Radiol), 9: 46, 1986

9: 40, 1986
Zajko AB, Bron KM; Starzl TE; Van Thiel DH;
Gartner JC; Iwatsuki S; Shaw BW Jr; Zitelli BJ;
Malatack JJ; Urbach AH: angiography of liver
transplantation patients, (Radiology), 157: 305,
1985

Zajko AB; Campbell WL; Bron KM; et al: cholangiography and interventional biliary radiology in adult liver transplantation, (AJR), 144: 127, 1985

Zak BJ See Henderson DK
Zakari S, Ajani A, Dhobb OH; et al:
ultrasonographic features of hydatid cyst of the
pancreas. report of 2 cases, (Radiology), 156: 266,
1985

Zakin D See Rosenblatt R

Zakov Z See Rockwood EJ
Zakov ZN; Berlin LA; Gutman FA: ultrasonographic mapping of vitreoretinal abnormalities, (Radiology), 152: 558, 1984 Zalaudek G See Lammer J Zaleske DJ See Kushner DC

Zalev AH See Rahmani MR

Zalev AH: placental chorioangioma, an unusual cause of polyhydramnios: antenatal diagnosis, (J Canad Assoc Radiol), 37: 60, 1986

Zalev AH: recurrent hepatoma with CT, MRI, and angiographic correlation, (J Canad Assoc Radiol), 37: 114, 1986

Zalev AH: segmental renal venous catheterization: technical note, (J Canad Assoc Radiol), 37: 100, 1986

Zalewska MK See Reyes PF Zalneraitis EL See Clair MR Zaloudek C See Mitchell DG

Zalouder C. See Mitchell DG
Zaltzman S; Ophir J; Brenner S; differential
diagnosis between Kaposi's sarcoma and
pseudo-Kaposi's arteriovenous malformation by
scintigraphy, (Clin Nucl Med), 11: 556, 1986
Zaman MB See Flehinger BJ

Zaman MB See Heelan RT Zaman MB See Melamed MR Zamani AA See Wang A-M Zambernard J See Pantoja E Zamen MB See Witt TR

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Zaner R See James AE Jr Zaner RM See James AE Jr Zannini G; Masciarello S; Pagano G; et al: percutaneous splenic artery occlusion for portal hypertension. a new mechanical technique for hypersplenism, (Radiology), 151: 546, 1984 Zanoni F See Tesoro-Tess JD

Zanoni P See Tesoro-Tess JD Zanoni M See Vocaturo G Zaontz M See Mangano FA Zaparackas ZG See Gardner TW Zapolsky JH; Janower ML: idiopathic chronic ulcerative enteritis: report of two cases, (Radiology), 155: 39, 1985

(Radiology), 155: 39, 1985
Zappasodi F See Solbiati L
Zappasodi F; Derchi LE; Rizzatto G:
ultrasonography of the normal adrenal glands:
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(Br J Radiol), 59: 759, 1986
Zappasodi F; Sanna G; Fiorentini G; et al: small
hyperechoic nodules of the renal parenchyma,
(Radiology), 159: 571, 1986
Zapca See Geath S.

Zaric A See Groth S Zasloff MA See Reinig JW

Zasorin NL; Yee RD; Baloh RW: eye-movement abnormalities in ophthalmoplegia, ataxia, and areflexia (Fisher's syndrome), (Radiology), 157:

Zatz LM See Chak LY Zatz LM See Pfefferbau Zavitz WR See Russ PD

Zboralske FF See Sartoris DI prinkova V; Lassvik C: duplex scanning in presumably normal persons of different ages, (Ultrasound Med Biol), 12: 371, 1986

Zeck OF See Wagner LK Zeckel ML See Wheat LJ Zee C-S See Radin DR Zee C-S See Segall HD

Zee C-S; Segall HD; Ahmadi J; et al: CT myelography in spinal cysticercosis, (JCAT), 10: 195, 1986

Zee C-5; Segall HD; Apuzzo MLJ; et al: intraventricular cysticercal cysts: further neuroradiologic observations and neurosurgical implications, (A]NR), 5: 727, 1984

Zee C-S; Segall HD; McComb JG; et al: intracranial arterial aneurysms in childhood: more recent considerations, (Radiology), 161: 287, 1986

Zee C-5; Segall HD; Rogers C; et al: MR imaging of cerebral toxoplasmosis: correlation of computed tomography and pathology, (JCAT), 9: 797, 1985 Zeeberg B See Bice AN

Zegel HG; Turner M; Velchik MG; et al: percutaneous osseous needle aspiration biopsy with nuclear medicine guidance, (Radiology), 153: 575, 1984

Zeiger LS See Marman JL Zeiss J See Coombs RJ Zeit R See Cope C

Zeit RM See Friedman J

Zeit RM: arterial and venous embolization: declotting of dialysis shunts by direct injection of streptokinase, (Radiology), 159: 639, 1986

Zeit RM; Cope C: failed hemodialysis shunts: one year of experience with aggressive treatment, (Radiology), 154: 353, 1985 Zeitler E; Kaiser W; Schuierer G; et al: magnetie

resonance imaging of aneurysms and thrombi, (Cardiovasc Intervent Radiol), 8: 321, 1986 Zeitler E; Kaiser W; Schuierer G; et al: magnetic

resonance imaging of clots in the heart and vascular system. (Radiology). 157: 861, 1985 Zelch MG See Geisinger MA Zelch MG See Graor RA

Zelch MG See Risius B

Zelch MG; Geisinger MA; Risius B: tongue necrosis after intraarterial vasopressin therapy, (AJR), 144: 1283, 1985 Zelenik ME See Shirkhoda A

Zelenik ME; Mathis JM; McDaniel EC: infusion

system for improved vascular opacification during CT, (Radiology), 152: 816, 1984 Zellmer RA See Martin LG

Zeman EM; Bedford JS: co-cultured transformed and untransformed C3H 10T1/2 cells: one untransformed Colling of transformed cells by low dose rate irradiation, (Int J Radiat Oncol Biol Phys), 12: 51, 1986

Filys), 12: 31, 1900 man EM; Brown JM; Lemmon MJ; et al: SR-4233: new bioreductive agent with high selective toxicity for hypoxic mammalian cells, (Int J Radiat Oncol Biol Phys), 12: 1239, 1986 Zeman RK See Archer AG

Zeman RK See Brody JM Zeman RK See Cronan JJ Zeman RK See Feuerstein IM Zeman RK See Kelly DR Zeman RK See Pien EH Zeman RK See Rosenfield AT

Zeman RK See Vick CW Zeman RK; Burrell MI; Dobbins J; Jaffe MH; Choyke PL: postcholecystectomy syndrome evaluation using biliary scintigraphy and endoscopic retrograde cholangiopancreatography, (Radiology), **156**: 787, 1985

Zeman RK; Cronan JJ; Rosenfield AT; et al: imaging approach to the suspected renal ma: (Radiol Clin North Am), 23: 503, 1985

(Kadiol Clin North Am), 23: 903, 1985 Zeman RK; Cronan JJ; Rosenfield AT; Choyke PL; Paushter DM; Clark LR; Jaffe MH; Schiebler ML: computed tomography of renal masses: pitfalls and anatomic variants, (Radiographics), 6: 351, 1986

Zeman RK; Lee CH; Jaffe MH; Burrell MI: hepatobiliary scintigraphy and sonography in early biliary obstruction, (Radiology), 153: 793, 1984

Zeman RK; Lee CH; Stahl RS; Viscomi GN; Baker C; Cahow CE; Dobbins J; Neumann RD; Burrell MI: strategy for the use of biliary scintigraphy in non-iatrogenic biliary trauma, (Radiology), 151: 771, 1984

Zeman RK; Paushter DM; Schiebler ML; et al: hepatic imaging: current status, (Radiol Cli North Am), 23: 473, 1985

nan RK; Schiebler ML; Clark LR; et al: clinical and imaging spectrum of pancreaticoduodenal lymph node enlargement, (AJR), 144: 1223, 1985 Zemcov A See Barclay L Zemoura L See Vanel D Zerhouni EA See Scatarige JC Zerhouni EA See Siegelman SS Zerhouni EA See Soulen MC

Zerhouni EA; Stitik FP: controversies in computed tomography of the thorax: pulmonary nodule—lung cancer staging, (Radiol Clin North Am), 23: 407, 1985

North Am), 23: 407, 1985
Zerhouni EA, Stitik FP, Siegelman SS; Naidich DP;
Sagel SS; Proto AV; Muhm JR; Walsh JW;
Martinez CR, Heelan RT; Brantly P;
Bozeman RE; Disantis DJ; Ettenger N;
McCauley D; Aughenbaugh GL; Brown LR;
Miller WE; Litt AW; Leo FP; Fishman EK;
Khouri NF: CT of the pulmonary nodule:
cooperative study, (Radiology), 160: 319, 1986
Zeumer H See Ringelstein EB

Zeumer H; Hundgen R; Ferbert A; et al: local intraarterial fibrinolytic therapy in inaccessible internal carotid occlusion, (Radiology), 155: 857,

Zhang Y-t See Wu E-h Zhang Z-X; Hu Y-H; Xu G-Z; et al: radiation treatment of carcinoma of the oropharynx, (Radiology), 151: 836, 1984 Zhen-ji W See Zhen-ying J

Zhen-qiong G See De-wen G Zhen-ying J; Kai W; Zhen-ji W; et al: roentgen-pathologic study of breast cancer, (Radiology), 153: 270, 1984

Zhong Z vacuole sign in roentgen diagnosis of early peripheral bronchogenic adenocarcinoma, (Radiology), 151: 257, 1984 Zhu XP See Checkley DR

Zhu XP; Checkley DR; Hickey DS; et al: accuracy of area measurements made from MR images compared with computed tomography, (JCAT), 10: 96, 1986 Zibreg JW See McCarthy EF

Ziedses des Plantes BG Jr See Bloem JL Ziedses des Plantes BG Jr; Falke THM; den Boer JA: pulse sequences and contrast in magnetic resonance imaging, (Radiographics), 4: 869, 1984

Zielenski B See Abramson AL Zielinski BZ See Wenig BL Zielonka JS See Collier BD Zielonka JS See Yeh E-L

Zierler RE: intraoperative Doppler techniques for arterial evaluation, (Semin US CT MR), 6: 73,

Ziessman HA See Gyves JW Ziessman HA See Wahl RL Ziessman HA See Williams DM

Ziessman HA; Fahey FH; Gochoco JM: impact of radiocontaminants in commercially available iodine-123: dosimetric evaluation, (J Nucl Med), 27: 428, 1986

27: 428, 1986
28: Liessman HA; Juni JE; Gyves JW; et al: thrombosis and streptokinase lysis during hepatic intraarterial chemotherapy: value of perfusion scintigraphy. (AJR), 144: 1067, 1985
Ziessman HA; Thrall JH; Gyves JW; et al: quantitative hepatic arterial perfusion scintigraphy and starch microspheres in cancer chemotherapy. (Radiology), 152: 870, 1984

Ziessman HA; Thrall JH; Yany P; Walker SC; Cozzi EA; Niederhuber JE; Gyves JW; Ensminger WD; Tuscan MC: hepatic arterial perfusion scintigraphy with Tc-99m-MAA: use of a totally implanted drug delivery system, (Radiology), 152: 167, 1984

Ziessman HA, Wahl RL, Juni JE; et al: utility of SPECT for <sup>98</sup>Tc-MAA hepatic arterial perfusion scintigraphy, (AJR), 145: 747, 1985 Zikk D See Reider-Grosswasser I

Zikria EA See Sirivella S Zilianti M; Fernandez S: correlation of ultrasonic images of fetal intestine with gestational age and fetal maturity, (Radiology), 152: 866, 1984

Zilkha E See Moseley IF Zimmer WD; Berquist TH; McLeod RA; Sim FH; Pritchard DJ; Shives TC; Wold LE; May GR: bone tumors: magnetic resonance imaging versus computed tomography, (Radiology), 155: 709 1985

Cimmer WD; Williamson B Jr; Hartman GW; et al: changing patterns in the evaluation of renal masses: economic implications, (AJR), 143: 285, 1984

Zimmerman HJ See Lewis JH Zimmerman HM: pathology of primary brain tumors, (Semin Roentgenol), 19: 129, 1984 Zimmerman JB See Pizer SM

Zimmerman JJ; Cipriano PR; Hayden WG; Fogarty TJ: balloon embolectomy catheter used percutaneously, (Radiology), 158: 260, 1986

Zimmerman LE; Stangl R; Riddle PJ: primary carcinoid tumor of the orbit—a clinicopathologic study with histochemical and electron microscopic observations, (Radiology), 151: 826, 1984

Zimmerman RA See Atlas SW Zimmerman RA See Bilaniuk LT

Zimmerman RA See Davis JM Zimmerman RA See Dunn V Zimmerman RA See Goldberg HI Zimmerman RA See Gomori IM

Zimmerman RA See Grossman RI Zimmerman RA See Hackney DB Zimmerman RA See Naidich TP

Zimmerman RA See Natdich 1P
Zimmerman RA See Spagnoli MV
Zimmerman RA; Bilaniuk LT: applications of
magnetic resonance imaging in diseases of the
pediatric central nervous system, (Magn Res
Imag), 4: 11, 1986

Zimmerman RA; Bilaniuk LT; Hackney DB; et al: head injury: early results of comparing CT and high-field MR, (AJNR), 7: 757, 1986

mgrineta Mi, (A)Mi, 7:79, 7:796 mmerman RA; Bilaniuk LT; Johnson MH; et al: MRI of central nervous system: early clinical results, (AJNR), 7: 587, 1986

Zimmerman RA; Bilaniuk LT; Packer RJ; et al: computed tomographic-arteriographic correlates in acute basal ganglionic infarction of childhood, (Radiology), 150: 859, 1984 Zimmerman RA; Bilaniuk LT; Yanoff M; et al:

Zimmerman R.; Bilaniuk I.; Tanoff M; et al: orbital magnetic resonance imaging, (Radiology), 159: 822, 1986 Zimmerman RA; Bottomley PA; Edelstein WA; et al: proton imaging and phosphorus spectroscopy in a malignant glioma, (AJNR), 6: 109, 1985

Zimmerman RD See Lee BCP Zimmerman RD See Leeds NE Zimmerman RD See Russell EJ Zimmerman RD See Weingarten KL Zimmerman RD; Deck MDF: intracrani hematomas: imaging by high-field MR, (Radiology), **159:** 565, 1986

(Radiology), 159: 565, 1986
Zimmerman RD; Fleming CA; Lee BCP; et al:
periventricular hyperintensity as seen by magnetic resonance: prevalence and significance, (AJNR), 7: 13, 1986

merman RD; Fleming CA; Saint-Louis LA; et al: magnetic resonance imaging of meningiomas, (AJNR), 6: 149, 1985

Zimmerman RD; Leeds NE; Danziger A: subdural empyema: CT findings, (Radiology), 150: 417, 1984

Zingas AP See Watts FB J: Zink SR; Bush SE; Gilman CJ; et al: pion treatment procedures and verification techniques, (Radiology), 155: 287, 1985

Zinreich ES See Fishman EK Zinreich ES See Jacobs CG Zinreich ES See Rostock RA

Zinreich ES See Rostock RA
Zinreich SJ; See Fishman EK
Zinreich SJ; Wang H; Updike ML; Kumar AJ;
Ahn HS; North RB; Rosenbaum AE: CT
myelography for outpatients an
inpatient/outpatient pilot study to assess
methodology, (Radiology), 157: 387, 1985
Zirinsky K See Aud YH
Zirinsky K See Aud H

Zirinsky K See Kneeland JB Zirinsky K See Rubenstein WA

Zirinsky K, See Rubenstein WA
Zirinsky K, Auh YH; Kneeland JB; et al: computed
tomography, sonography, and MR imaging of
abdominal tuberculosis, (JCAT), 9: 961, 1985

Zirinsky K; Auh YH; Rubenstein WA; et al: CT of the hyperdense renal cyst: sonographic correlation, (AJR), 143: 151, 1984

correlation, (AJR), 143: 151, 1984
Zirinsky K; Auh YH; Rubenstein WA; Kneeland JB;
Whalen JP; Kazam E: portacaval space: CT with
MR correlation, (Radiology), 156: 453, 1985
Zisholtz BM; Eisenberg H: lung cancer cell type as a
determinant of bronchoscopy yield,
(Radiology), 152: 249, 1984
Ziskin MC See Thickman DI

Ziskin MC: American Institute of Ultrasound policy and statement on safety, (Ultrasound Med Biol), 12: 711, 1986

Ziskin MC: epidemiology and human exposure, (Clin Diagn Ultrasound), 16: 111, 1985 Ziskin MC: ultrasonic bioeffects and their clinical relevance: an overview, (Clin Diagn Ultrasound), 16: 1, 1985

Ziskin MC; LaFollette PS Jr; Radecki PD; et al:

retrolenticular afterglow: echo enhancement retrolenticular afterglow: echo enhancement artifact, (J Ultrasound Med), 5: 385, 1985 Ziskin MC, Nyborg WL: standards and guidelines for medical ultrasound, (Clin Diagn Ultrasound), 16: 169, 1985 Zitelli BJ See Zajko AB

Zito JL See Kleinman PK Zitomer N See Haskin PH Zitomer N See Teplick SK Ziv N See Grunebaum M Zivnuska F See Perez CA

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ZIatkin MB; Lander PH; Hadjipavlou AG;
Levine JS: Paget disease of the spine: CT with clinical correlation, (Radiology), 160: 155, 1986

Zobel BB See Passariello R
Zoger S See Moore SG
Zoghbi SS; Neumann RD; Gottschalk A:
ultrapurification of indium-111 for radiotracer
studies, (Invest Radiol), 21: 710, 1986

Zoli M; Dondi C; Marchesini G; et al: splanchnic vein measurements in patients with liver cirrhosis: case-control study, (J Ultrasound Med.), 4: 641, 1985

Zoli M; Marchesini G; Cordiani MR; et al: echo-Doppler measurement of splanchnic blood flow in control and cirrhotic subjects, (JCU), 14: 429,

Zoli M; Marchesini G; Marzocchi A; Marrozzini C; Zoli M; Marchesini G; Marzocchi A; Marrozzini Dondi C; Pisi E: portal pressure changes induced by medical treatment: US detection, (Radiology), 155: 763, 1985 Zollars L See Hernanz-Schulman M Zollikofer CL See Maass D

Zollikofer CL; Sein J; Salomonowitz E; Runge W; Bruhlmann WF; Castaneda-Zuniga WR; Amplatz K; percutaneous transluminal angioplasty of the aorta. light and electron microscopic observations in normal and atherosclerotic rabbits, (Radiology), 151: 355,

Zollikofer CL; Salomonowitz E; Castaneda-Zuniga WR; et al: relation between arterial and balloon rupture in experimental angioplasty, (AJR), 144: 777, 1985

777, 1985
Zollikofer CL; Salomonowitz E; Sibley R; Chain J; Bruhlmann WF; Castaneda-Zuniga WR; Amplatz K: transluminal angioplasty evaluated by electron microscopy, (Radiology), 153: 369, 1984

Zong-Cheng L; En-Huei W: osteoporosis—early radiographic sign of endemic fluorosis, (Skeletal Radiol), 15: 350, 1986

Radiol), 15: 350, 1986
Zonneveld FW See Damsma H
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Zonneveld FW; Koornneef L: patient positioning
for direct sagittal CT of the orbit parallel to the
optic nerve, (Radiology), 158: 547, 1986
Zorba J; Schier D; Posmituck G: clinical value of
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1051, 1986

Zorgniotti AW; Shaw WW; Padula G; et al: impotence associated with pudendal arteriovenous malformation, (Radiology), 154: 848, 1985

Zornoza J See Carrasco CH Zornoza J See McLeod AJ Zornoza J See Nauert C Zornoza J See Ramirez H Jr

Zorzi C; Perale R; Benini F; et al: diagnostic value of ultrasonography in neonatal liver rupture, (Pediatr Radiol), 16: 425, 1986

Zucali R See Veronesi U Zucca S See Groli C

Zucca 5 See Gron C.
Zucker K; Browns K; Rossman D; et al:
nonoperative management of splenic traur. a.
conservative or radical treatment?, (Radiology),
154: 284, 1985 Zuckerman GR See Heiken IP

Zuckerman GR See Heiken JP
Zuckerman GR, Mills BA, Koehler RE; et al:
nodular duodenitis. pathologic and clinical
characteristics in patients with end-stage renal
disease, (Radiology), 152: 549, 1984
Zuckerman H See Shalev E
Zuckier LS; Weissmann HS; Goldman MJ; et al:

detection of postcardiotomy bacterial pericarditis with gallium-67 citrate, (Clin Nucl Med), 11: 276, 1986

Zuelzer WA See Beltran J Zuppo VP See Netto NR Jr Zuska AJ See Motarjeme A Zussman WV See Barnett MJ

Zussman W v See Barnett MJ Zvetina JR; Demos TC; Maliwan N; et al: pulmonary cavitations in Mycobacterium kansasi: distinctions from M. tuberculosis, (AJR), 143: 127, 1984

(AJR), 143: 127, 1984
Zweifler AJ; Trinkaus P: occlusive digital artery disease in patients with Raynaud's phenomenon, (Radiology), 156: 269, 1985
Zwelling LA; Silberman L; Estep E: intercalator-induced, toposiomerase II-mediated DNA cleavage and its modification by antineoplastic antimetabolites, (Int J Radiat Oncol Biol Phys), 12: 1041, 1986. 12: 1041, 1986

12: 1041, 1986 Zwerling HK; Diamond JN; Levy GC; et al: phosphorus-31 nuclear magnetic resonance measurements of 2,3-DPG degradation in human adult and cord blood erythrocytes, (Magn Res Med), 3: 10, 1986

(Magn Res Med), 3: 10, 1986
Zwiebel WJ See Haning RV Jr
Zwiebel WJ See Manor WF
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Lemons J; et al, (AJR), 142: 393, 1984 fetal omphalocele and gastroschisis: pitfalls in sonographic diagnosis, Lindfors KK; McGahan JP; Walter JP; (AJR), 147: 797, 1986 MR imaging of pathologic abdominal fluid collections, Wall SD; Hricak H; Bailey GD; et al, (ICAT), 10: 746, 1986 "negative" renal outline in prune belly syndrome, Karimeddini MK; Spencer RP, (Clin Nucl Med), 11: 129, 1986 hbdomen, abscess.

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Ring EJ, (Radiology), 155: 73, 1985
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Freeman LM; Lutzker LG; Weissmann HS, (Radiographics), 5: 285, 1985 acute abdomen: ultrasonography, Leopold GR, (Radiographics), 5: 273, 1985 Boerhaave syndrome: interventional radiologic management, Neff CC; Lawson DW, (AJR), 145: 819, 1985

computed tomography in the evaluation of diverticulitis, Hulnick DH; Megibow AJ; Balthazar EJ; Naidich DP; Bosniak MA,

obatthazar E); Nathich DP; Boshiak MA, (Radiology), 152: 491, 1984 computed tomography of intra-abdominal abscesses, Epstein BM; Patel V; Omar GM, (Radiology), 153: 279, 1984 CT features of intraabdominal abscesses:

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Saint 17; et al. (AJR), 146: 1041, 1760 CT in the management of periappendiceal abscess, Barakos JA; Jeffrey RB Jr; Federle MP; et al. (AJR), 146: 1161, 1986 echogenic wound abscess mimicking hepatic

echogenic wound abscess mimicking hepatic mass on ultrasonography, Yiengpruksawan A; Pow-Anpongkul S; Ganepola GAP; et al. (JCU), 14: 376, 1986 eclectic drainage of subphrenic abscesses, Serrano A; Dahl EP; Rubin RH; et al, (Radiology), 155: 274, 1985 efficacy of abdominal computed tomography in evaluation of possible abdominal abscess Paling MR; Gouse JC, (CT), 10: 111, 1986

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fluid collections in the intraperitoneal and extraperitoneal spaces: comparison of MR and CT, Cohen JM; Weinreb JC: Maravilla KR, (Radiology), 155: 705, 1985

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In-111 labeled leukocytes: review of problems in image interpretation, McAfee JG; Samin A, (Radiology), 155: 221, 1985

<sup>111</sup>In leukocytė scanning as a guidė to abdominal abscess drainage, Gibson RN; Halliday A; Keshavarzian A; et al, (AJR), 145: 1071, 1985

intrahepatic amebic abscesses: indications for and results of percutaneous catheter drainage, vanSonnenberg E; Mueller PR; Schiffman HR; Ferrucci JT Jr; Casola G; Simeone JF; Cabrera OA; Gosink BB, (Radiology), 156: 631, 1985

(Radiology), 130: 631, 1903 lesser sac abscesses and fluid collections: drainage by transhepatic approach, Mueller PR; Ferrucci JT Jr; Simeone JF; Butch RJ; Wittenberg J; White M; Brown AS, (Radiology), 155: 615, 1985

magnetic resonance imaging in the evaluation of abscesses, Wall SD; Fisher MR; Amparo EG; et al, (AJR), 144: 1217, 1985

MR imaging of pathologic abdominal fluid collections, Wall SD; Hricak H; Bailey GD; et al, (JCAT), 10: 746, 1986

mucomyst for abscesses: a clinical comment, Dawson SL; Mueller PR; Ferrucci JT Jr, (Radiology), 151: 342, 1984

operative versus percutaneous drainage of intraabdominal abscesses: comparison of morbidity and mortality, Olak J; Christou NV; Stein LA; et al, (Radiology), 160: 284, 1986

outpatient therapy of intraabdominal abscesses following early discharge from the hospital, Rifkin MD; Heffelfinger D; Kurtz AB; Pasto ME; Baltarowich OH; Cole-Beuglet C; Goldberg BB, (Radiology), 155:

percutaneous drainage of 250 abdominal abscesses and fluid collections. part 1: results, failures, and complications, vanSonnenberg E; Mueller PR; Ferrucci JT Jr, (Radiology), 151: 337, 1984

percutaneous drainage of 250 abdominal abscesses and fluid collections, part II: current procedural concepts, Mueller PR; vanSonnenberg E; Ferrucci JT Jr, (Radiology), 151: 343, 1984

percutaneous drainage of abdominal abscesses, Sones PJ, (AJR), 142: 35, 1984

percutaneous drainage of abdominal fluid collections in children, Stanley P; Atkinson JB; Reid BS; et al, (AJR), 142: 813, 1984

prospective investigation of radiologic methods in the diagnosis of intra-abdominal abscesses, Lundstedt C; Hederstrom E; Brisman J; et al, (Acta Radiol [Diagn]), 27: 49,

1986
radiological management of abdominal abscess, MacErlean DP; Gibney RG, (Radiology), 150: 297, 1984
radiologic management of abdominal abscesses, Kerlan RK Jr; Pogany AC; Jeffrey RB Jr; et al., (AJR), 144: 145, 1985 real-time vs. static scanning in the diagnosis abdominal and pelvic abscesses, Gross BH Chinn DH; Callen PW; et al., (Radiology), 151: 833, 1984

SS BH: 151: 833, 1984

safe intercostal approach? pleural complications in abdominal interventional radiology, Nichols DM; Cooperberg PL; Golding RH; et al, (AJR), 142: 1013, 1984

unsuspected extra-abdominal sites of infection: scintigraphic detection with indium-111-labeled leukocytes, Seabold JE; Wilson DG; Lieberman LM; Boyd CM, (Radiology), 151: 213, 1984

(Radiology), 151: 215, 1994 use of computed tomography in the percutaneous drainage of abdominal abscesses, Lawler GA; Doyle TCA; Lavan J, (Radiology), 155: 275, 1985

Abdomen, acute conditions acute abdomen: computed tomography, Federle MP, (Radiographics), 5: 307, 1985 acute abdomen: introduction, McCort JJ, (Radiographics), 5: 257, 1985

acute abdomen: plain radiographic evaluation, Johnson CD; Rice RP, (Radiographics), 5: 259, 1985

acute abdomen: radionuclide imaging, Freeman LM; Lutzker LG; Weissmann HS,

(Radiographics), 5: 285, 1985
acute abdomen: ultrasonography, Leopold GR,
(Radiographics), 5: 273, 1985
comparison of sonography and plain films in

evaluation of the acute abdomen, Simeone JF; Novelline RA; Ferrucci JT Jr; et al, (AJR), 144: 49, 1985

haematoma of the rectus sheath, Gadzijev E; Repse S; Kovic M, (Radiology), 154: 283, 1985 mesenteric adenitis and acute terminal ileitis:

US evaluation using graded compression, Puylaert JBCM, (Radiology), 161: 691, 1986

Abdomen, anatomy
lesser sac and gastrohepatic recess:
sonographic appearance and differentiation
of fluid collections, Vincent LM; Mauro MA;
Mittelstaedt CA, (Radiology), 150: 515, 1984

Abdomen, angiography See Abdominal angiography

Abdomen, biopsy abdominal aspiration biopsies: sonographic vs. computed tomographic guidance, Pelaez JC; Hill MC; Dach JL; et al, (Radiology), 152: 266, 1984

206, 1984 abdominal lesions: prospective study of clinical efficacy of percutaneous fine-needle biopsy, Bret PM; Fond A; Casola G; Bretagnolle M; Germain-Lacour MJ; Bret P; Labadie M; Buffard P, (Radiology), 159: 345,

delayed complications from fine-needle biopsies of solid masses of the abdomen, Yankaskas BC; Staab EV; Craven MB; et al, (Invest Radiol), 21: 325, 1986

percutaneous biopsy and drainage procedures in the abdomen using a modified coaxial technique, McGahan JP, (Radiology), 153: 257, 1984

#### Abdomen, calcification

calcification in the portal vein wall, Baker SR; Broker MH; Charnsangavej C; Sitron AP, (Radiology), **152**: 18, 1984

plain film approach to abdominal calcifications, Baker SR; Elkin M, Reviewed by Curry NS, (Radiology), **152**: 50, 1984

#### Abdomen, CT

abdominal CT in acquired immunodeficiency syndrome, Jeffrey RB Jr; Nyberg DA; Bottles K; et al, (AJR), 146: 7, 1986

abdominal tuberculosis: CT evaluation, Hulnick DH; Megibow AJ; Naidich DP; Hilton S; Cho KC; Balthazar EJ, (Radiology), 157: 199, 1985

acute abdomen: computed tomography, Federle MP, (Radiographics), 5: 307, 1985

rederie Mr. (kadlographics), 5: 307, 1963 AIDS-related lymphomas: evaluation by abdominal CT, Nyberg DA; Jeffrey RB Jr; Federle MP; Bottles K; Abrams DI, (Radiology), 159: 59, 1986 atelectasis and subpulmonic fluid: CT pitfall in distinguishing pleural from peritoneal fluid, Silverman PM; Baker ME; Mahony BS, (JCAT), 9: 763, 1985

clinical impact of CT for blunt abdominal trauma, Wing VW; Federle MP; Morris JA Jr; et al, (AJR), 145: 1191, 1985 colorectal carcinoma evaluation with CT:

preoperative staging and detection of postoperative recurrence, Freeny PC; Marks WM; Ryan JA; Bolen JW, (Radiology), 158: 347, 1986

computed tomographic studies of the painful abdomen, Benson M; Bree RL; Schwab RE; Ouimette M, (Radiology), **155**: **443**, 1985

computed tomography of abdominal carcinoid tumor, Cockey BM: Fishman EK; Jones B; et al. (ICAT), 9. 38, 1985 computed tomography of intra-abdominal abscesses, Epstein BM; Patel V; Omar GM, (Radiology), 153: 279, 1984

computed tomography of omental pathology, Cooper C; Jeffrey RB Jr; Silverman PM; et al, (JCAT), 10: 62, 1986

computed tomography of the traumatized abdomen, Raval B; Lamki N, (Semin US CT MR), 6: 109, 1985

computed tomography, sonography, and MR imaging of abdominal tuberculosis, Zirinsky K; Auh YH; Kneeland JB; et al, (JCAT), 9: 961, 1985

contrast medium precipitation during abdominal CT, Ball DS; Radecki PD; Friedman AC; Caroline DF; Mayer DP, (Radiology), 158: 25°, 1986

CT features of intract tominal abscesses prediction of successful percutaneous drainage, Jaques PF; Mauro MA; Safrit H; et al. (AJR), 146: 1041, 1986

CT findings in palpable lesions of the anterior abdominal wall, Pandolfo I; Blandino A; Gaeta M; et al, (JCAT), **10**: 629, 1986

CT in the management of periappendiceal abscess, Barakos JA; Jeffrey RB Jr; Federle MP; et al, (AJR), 146: 1161, 1986

CT of abdominal carcinoid tumors, Picus D Glazer HS; Levitt RG; et al, (AJR), 143: 581,

CT of abdominal lymphoma after renal transplantation, Frick MP; Salomonowitz E; Hanto DW; et al, (AJR), 142: 97, 1984

CT of benign cystic abdominal masses in children, Haney PJ; Whitley NO, (AJR), **142**: 1279, 1984

CT of upper abdominal trauma, Federle MP, (Semin Roentgenol), 19: 269, 1984

device for performing direct coronal CT scanning of the abdomen and pelvis, Goldberg HI; Cann CE; Moss AA; et al, (AJR), 143: 900, 1984

(A)K), 143: 700, 1794 direct coronal and direct sagittal CT of abdomen and pelvis: approach to staging malignancies, van Waes PFGM; Feldberg MAM; Goldberg HI; Herve P; Zonneveld FW; Cann CE, (Radiographics), 6: 212, 1962

efficacy of abdominal computed tomography in evaluation of possible abdominal abscess Paling MR; Gouse JC, (CT), 10: 111, 1986

fluid collections in the intraperitoneal and extraperitoneal spaces: comparison of MR and CT, Cohen JM; Weinreb JC; Maravilla KR, (Radiology), 155: 705, 1985

focal fat necrosis presenting as a palpable abdominal mass: CT evaluation, Haynes JW; Brewer WH; Walsh JW, (JCAT), 9: 568, 1985

gastrohepatic ligament: normal and pathologic CT anatomy, Balfe DM; Mauro MA; Koehler RE; Lee JKT; Weyman PJ; Picus D; Peterson RR, (Radiology), 150: 485, 1984

Peterson RR, (Radiology), 150: 485, 1984 leiomyosarcoma: computed tomographic findings, McLeod AJ; Zornoza J; Shirkhoda A, (Radiology), 152: 133, 1984 migrations of fluid of pancreatic origins: ultrasonic and CT study of 28 cases, Weill FS; Burn P; Rohmer P; et al, (Radiology), 152: 266, 1984 mergritic funor simulating intraaddominal

(Radiology), 152: 266, 1984
necrotic tumor simulating intraabdominal abscess: a case report, Paling MR, (Radiology), 152: 561, 1984
periportal tuberculous adenitis: CT features, Mathieu D; Ladeb MF; Guigui B; Rousseau M; Vasile N, (Radiology), 161: 713, 1986

psoas muscle disorders: MR imaging, Lee JKT; Glazer HS, (Radiology), 160: 683, 1986 rate of growth of intraabdominal metastases from colorectal cancer, Havelaar IJ; Sugarbaker PH; Vermess M; et al, (Radiology), 154: 859, 1985 scatter radiation from abdominal CT examinations, Burgess AE, (JCAT), 9: 926, 1985

1985
ultrasonic evaluation of abdominal aortic
thrombus, Harter LP; Gross BH;
Callen PW; et al, (Radiology), 150: 867, 1984
upper abdominal trauma: pitfalls in CT
diagnosis, Cook DE; Walsh JW; Vick CW;
Brewer WH, (Radiology), 159: 65, 1986
visceral CT findings associated with
Thorotrast, Rao BK; Brodell CK;
Haaga JR; et al, (JCAT), 10: 57, 1986

### domen, cysts

CT of benign cystic abdominal masses in children, Haney PJ; Whitley NO, (AJR), 142: 1279, 1984

1279, 1904 fluid-filled structures simulating solid tumors at ultrasonography—report on five cases, Soderlund V; Mortensson W; Nybonde T, (Pediatr Radiol), 16: 110, 1986

intrauterine cystocentesis: simple procedure to relieve anatomic and physiologic dysfunction in the fetus, Woo JSK; Li DFH; Wan MCW; et al. (JCU), 14: 474, 1986

wan MCW; et al. (JCU), 14: 474, 1986 outpatient therapy of intraabdominal abscesses following early discharge from the hospital, Rifkin MD; Heffelfinger D; Kurtz AB; Pasto ME; Baltarowich OH; Cole-Beuglet C; Goldberg BB, (Radiology), 155: 333, 1985

onographic diagnosis of a chylous mesenteric cyst, Longmaid HE III; Tymkiw J; Rider EA, (JCU), 14: 458, 1986

### domen, diseases

Abdominal tuberculosis: CT evaluation, Hulnick DH; Megibow AJ; Naidich DP; Hilton S; Cho KC; Balthazar EJ, (Radiology), 157: 199, 1985

Abdomen, gas extraluminal gas in the upper abdomen, Anschuetz SL, (Semin Roentgenol), 19: 255, 1984

#### Abdomen, hematoma

See Abdomen, hemorrhage

Abdomen, hemorrhage

fluid collections in the intraperitoneal and extraperitoneal spaces: comparison of MR and CT, Cohen JM; Weinreb JC; Maravilla KR, (Radiology), 155: 705, 1985

massive abdominal wall hematoma: real-time ultrasound localization of bleeding. Savage PE; Joseph AEA; Adam EJ, (J Ultrasound Med), 4: 157, 1985

Ultrasound Med), 4: 157, 1985
MR imaging of pathologic abdominal fluid
collections, Wall SD; Hricak H;
Bailey GD; et al, (JCAT), 10: 746, 1986
outpatient therapy of intraabdominal
abscesses following early discharge from the
hospital, Rifkin MD; Heffelfinger D;
Kurtz AB; Pasto ME; Baltarowich OH; ColeBeuglet C; Goldberg BB, (Radiology), 155:
333, 1985

#### Abdomen, infection

diagnosis of upper-abdominal infection by In-111 labeled leukocytes with Tc-99m colloid subtraction technique, Rovekamp MH; van Royen EA; Folmer SCCR; et al. (Radiology), 151: 277, 1984

Abdomen, injuries

angiography in the management of abdominal trauma, Casarella WJ; Martin EC, (Semin Roentgenol), **19**: 321, 1984

Roentgenol), 19: 321, 1984
approach to imaging the upper abdomen in
the injured child, Kaufman RA; Babcock DS,
(Semin Roentgenol), 19: 308, 1984
clinical impact of CT for blunt abdominal
trauma, Wing VW; Federle MP;
Morris JA Jr; et al. (AJR), 145: 1191, 1985
computed tomography of blunt trauma to the
gallbladder, Jeffrey RB Jr; Federle MP;
Laing FC; et al. (JCAT), 10: 756, 1986

computed tomography of the traumatized abdomen, Raval B; Lamki N, (Semin US CT MR), 6: 109, 1985

MK), 6: 109, 1985 CT of upper abdominal trauma, Federle MP, (Semin Roentgenol), 19: 269, 1984 scintigraphy in upper abdominal trauma, Gelfand MJ, (Semin Roentgenol), 19: 296, 1984

nography after blunt abdominal trauma in childhood, Schultz RD; Willi U, (Radiology), 152: 255, 1984

152: 255, 1984 ultrasound in upper abdominal trauma, Kuligowska E; Mueller PR; Simeone JF; et al, (Semin Roentgenol), 19: 281, 1984 upper abdominal trauma: conventional radiology, Mindelzun RE; McCort JJ, (Semin Roentgenol), 19: 259, 1984 upper abdominal trauma in children: imaging evaluation, Kaufman RA; Towbin RB; Babcock DS; et al. (AJR), 142: 449, 1984 upper abdominal trauma; nifalls in CT.

upper abdominal trauma: pitfalls in CT diagnosis, Cook DE; Walsh JW; Vick CW; Brewer WH, (Radiology), 159: 65, 1986

#### Abdomen, MR studies

bdomen, MR studies
comparison of respiratory triggering and
gating techniques for the removal of
respiratory artifacts in MR imaging,
Lewis CE; Prato FS; Drost DJ; Nicholson RL,
(Radiology), 160: 803, 1986
computed tomography, sonography, and MR
imaging of abdominal tuberculosis,
Zirinsky K; Auh YH; Kneeland JB; et al,
(JCAT), 9: 961, 1985

(ICAT), 9: 961, 1985
coronal nuclear magnetic resonance (NMR)
imaging of the abdomen at 0.5 tesla,
Kressel HY; Axel L; Glover G; et al,
(Radiology), 152: 261, 1984
fluid collections in the intraperitoneal and
extraperitoneal spaces: comparison of MR
and CT, Cohen JM; Weinreb JC;
Maravilla KR, (Radiology), 155: 705, 1985
improved MR imaging of the upper abdomen
with glucagon and gas, Weinreb JC;
Maravilla KR; Redman HC; et al,
(Radiology), 155: 859, 1985
magnetic resonance characteristics of an

magnetic resonance characteristics of an abdominal desmoid tumor, Hamlin DJ; Paige R; Pettersson H; et al, (Comput Radiol), 10: 11, 1986

Radiol). 10: 11, 1986
magnetic resonance imaging of abdominal and pelvic lymphadenopathy, Lee JKT;
Heiken JP; Ling D; Glazer HS; Balfe DM;
Levitt RG; Dixon WT; Murphy WA,
(Radiology), 153: 181, 1984
magnetic resonance imaging of discrete and conglomerate retroperitoneal lymph node masses, Lawson TL; Foley WD; Thorsen MK;
Chintapalli K; Smith DF; Alpern M;
Arevalos E; Perlman S; Reif L; Kneeland JB,
(Radiographics), 5: 971, 1985
MR imaging of pathologic abdominal fluid

(Radiographics), 5: 971, 1985
MR imaging of pathologic abdominal fluid collections, Wall SD; Hricak H;
Bailey GD; et al, (ICAT), 10: 746, 1986
primary diagnosis of abdominal arteriovenous fistula by MR imaging, Amparo EG;
Higgins CB; Hricak H, (ICAT), 8: 1140, 1984
psoas muscle disorders: MR imaging, Lee JKT;
Glazer HS, (Radiology), 160: 683, 1986
relative intensity of abdominal organs in MR images, Ehman RL; Kjos BO; Hricak H; et al, (ICAT), 9: 315, 1985

(ICAT), 9: 315, 1985
respiratory effects in two-dimensional Fourier transform MR imaging, Axel L;
Summers RM; Kressel HY; Charles C,
(Radiology), 160: 795, 1986
surface coil MR imaging of abdominal viscera.
I. theory, technique, and initial results,
Edelman RR; McFarland E; Stark DD;
Ferrucci IT Jr; Simeone JF; Wismer G;
White EM; Rosen BR; Brady TJ, (Radiology),
157: 425: 1985 157: 425, 1985

bdomen, neoplasms
abdominal lesions: prospective study of
clinical efficacy of percutaneous fine-needle
biopsy, Bret PM; Fond A; Casola G;
Bretagnolle M; Germain-Lacour MJ; Bret P;
Labadie M; Buffard P, (Radiology), 159: 345,

- abdominal neuroblastoma: magnetic resonance imaging and tissue characterization, Fletcher BD; Kopiwoda SY; Strandjord SE; Nelson AD; Pickering SP, (Radiology), 155: 699, 1985
- (Radiology), 153: 059, 1593: AIDS-related lymphomas: evaluation by abdominal CT, Nyberg DA; Jeffrey RB Jr; Federle MP; Bottles K; Abrams DI, (Radiology), 159: 59, 1986
- colorectal carcinoma evaluation with CT: properative staging and detection of postoperative recurrence, Freeny PC; Marks WM; Ryan JA; Bolen JW, (Radiology), 158: 347, 1986
- computed tomography of abdominal carcinoid tumor, Cockey BM; Fishman EK; Jones B; et al, (JCAT), 9: 38, 1985
- CT of abdominal carcinoid tumors, Picus D; Glazer HS; Levitt RG; et al, (AJR), 143: 581, 1984
- direct coronal and direct sagittal CT of abdomen and pelvis: approach to staging malignancies, van Waes PFGM; Feldberg MAM; Goldberg HI; Herve P; Zonneveld FW; Cann CE, (Radiographics), 6: 213, 1986
- gray scale sonography in the diagnosis and differential diagnosis of left upper quadrant masses, Kumari-Subaiya S; Phillips G; Weinreb J, Lyn M-K, Pochaczevsky R, (Radiographics), 4: 331, 1984
- magnetic resonance characteristics of an abdominal desmoid tumor, Hamlin DJ; Paige R; Pettersson H; et al, (Comput Radiol), 10: 11, 1986
- pediatrics: ultrasonography in the evaluation of 482 children with an abdominal mass, Teele RL; Henschke CI, (Clin Diagn Ultrasound), 14: 141, 1984
- pictorial essay of pelvic and abdominal masses seen during pregnancy, Rahatzad MT; Adamson D, (JCU), 14: 255, 1986
- psoas muscle disorders: MR imaging, Lee JKT; Glazer HS, (Radiology), **160**: 683, 1986
- residual abdominal masses after chemotherapy for nonseminomatous testicular cancer: correlation of CT and histology, Stomper PC; Jochelson MS; Garnick MB; et al, (AJR), 145: 743, 1985
- rhythmic sonographic palpation (echoseismography). a new technique for malignant, benign tumor differentiation by a sonographic approach of tumor elasticity, Eisenscher A; Schweg-Toffler E; Pelletier G; et al, (Radiology), **150**: 867, 1984
- sonographic diagnosis of abdominal tumors in children, Reither M; Schumacher R; Klingmuller V, (Radiology), **152**: 255, 1984
- torsion of lipoma of appendix epiploica: CT evaluation, Farmlett EJ; Fishman EK; Jones B; et al, (JCAT), 9: 366, 1985
- ultrasonography and computed tomography in pseudomyxoma peritonei, Yeh H-C; Shafir MK; Slater G; Meyer RJ; Cohen BA; Geller SA, (Radiology), 153: 507, 1984
- unusual thoracoabdominal sites of metastases in testicular tumors, Husband JE; Bellamy EA, (AJR), 145: 1165, 1985
- upper abdominal trauma: pitfalls in CT diagnosis, Cook DE; Walsh JW; Vick CW; Brewer WH, (Radiology), 159: 65, 1986 visceral CT findings associated with Thorotrast, Rao BK; Brodell GK; Haaga JR; et al, (JCAT), 10: 57, 1986
- Abdomen, radiography
- acute abdomen: plain radiographic evaluation, Johnson CD; Rice RP, (Radiographics), 5: 259, 1985
- ascites: comparison of plain film radiographs with ultrasonograms, Bundrick TJ; Cho S-R; Brewer WH; Beachley MC, (Radiology), 152: 503, 1984
- azarcon por empacho—another cause of lead toxicity, Brose A; Vashistha K; O'Loughlin BJ, (Radiology), **152**: 255, 1984
- peritoneal encapsulation and abdominal cocoon: case reports and a review of the literature, Sieck JO; Cowgill R; Larkworthy W, (Radiology), 151: 259, 1984
- plain film evaluation of patients with abdominal pain: are three radiographs necessary?, Mirvis SE; Young JWR; Keramati B; et al, (AJR), 147: 501, 1986
- prone films of abdomen—a diagnostic tool in intestinal obstruction in children, Cherian MJ; Kumar EN; Cherian K; et al. (Radiology), 150: 613, 1984

- psoas sign: reevaluation, Williams SM; Harned RK; Hultman SA; Quaife MA, (Radiographics), 5: 525, 1985
- review of the plain abdominal radiograph in acute rupture of abdominal aortic aneurysms, Loughran CF, (Clin Radiol), 37: 383, 1986
- upper abdominal trauma: conventional radiology, Mindelzun RE; McCort JJ, (Semin Roentgenol), **19:** 259, 1984

#### Abdomen, radionuclide studies

- abdominal patterns of indium-111 labeled leukocyte imaging, Carrier L; Picard D; Chartrand R; et al, (Clin Nucl Med), 11: 153,
- acute abdomen: radionuclide imaging, Freeman LM; Lutzker LG; Weissmann HS, (Radiographics), 5: 285, 1985
- radionuclide approach, Fajman WA, (Radiology), 151: 561, 1984
- detection of metastatic tumor in normal-sized retroperitoneal lymph nodes by monoclonal antibody imaging, Moldofsky PJ; Sears HF; Mulhern CB Jr; et al, (Radiology), 154: 862,
- diagnosis of upper-abdominal infection by In-111 labeled leukocytes with Tc-99m colloid subtraction technique, Rovekamp MH; van Royen EA; Folmer SCCR; et al, (Radiology),
- https://doi.org/10.1016/10.101
- 16: 214, 1990 diffuse radioactivity in the thoraco-abdominal region seen in bone scintigraphy, Shih W-J; Domstad PA; DeLand FH, (Semin Nucl Med), 16: 211, 1986
- false-positive leukocyte imaging: case of colon carcinoma, Bauman JM; Hartshorne MF; Cawthon MA; et al., (Clin Nucl Med), 11: 211, 1986
- improved detection of upper abdominal abscesses by combination of <sup>99m</sup>Tc sulfur colloid and <sup>111</sup>In leukocyte scanning, Datz FL; Luers P; Baker WJ; et al, (AJR), 144: 319 1985
- In-111 labeled leukocytes: review of problems in image interpretation, McAfee JG; Samin A, (Radiology), 155: 221, 1985
- "negative" renal outline in prune belly syndrome, Karimeddini MK; Spencer RP, (Clin Nucl Med), 11: 129, 1986
- scintigraphic demonstration of splenosis, Stewart CA; Sakimura IT; Siegel ME, (Clin Nucl Med), 11: 161, 1986
- scintigraphy in upper abdominal trauma, Gelfand MJ, (Semin Roentgenol), **19**: 296, 1984
- unsuspected extra-abdominal sites of infection: scintigraphic detection with indium-111-labeled leukocytes, Seabold JE; Wilson DG; Lieberman LM; Boyd CM, (Radiology), 151: 213, 1984

- Abdomen, surgery bile-duct dilatation after laparotomy: potential reflect difficulties and state appropriately, Policy effect of intestinal hypomotility, Raptopoulos V; Smith EH; Cummings T; et al, (AJR), 147: 729, 1986
- reliability of the results of ultrasound detection of fluid collections in the early postceliotomy period, Gold JP; Canizaro P; Kazam E; et al, (Radiology), **157**: 862, 1985

# Abdomen, therapeutic radiology intraoperative US as an aid to intraoperative electron beam radiation therapy, Schoenecker SA; Mack LA; Russell AH; Cyr DR; Shuman WP; Lennard ES; Montana MA, (Radiology), 160: 251, 1986

### Abdomen, US studies

- abdominal ultrasound as a screening method, Kremer H; Dobrinski W; Schreiber MA; et al, (Radiology), 156: 281,
- abdominal ultrasound in the upright position using real-time techniques, Eisenscher A; Jacquemard P; Jouffroy J; et al, (Radiology), 150: 297, 1984
- acute abdomen: ultrasonography, Leopold GR, (Radiographics), 5: 273, 1985
- acute appendicitis: US evaluation using graded compression, Puylaert JBCM, (Radiology), 158: 355, 1986
- acute right upper quadrant abdominal pain: ultrasound approach, Austin H, (Radiology), 151: 559, 1984
- applications of ultrasound in the neonatal abdomen, Shkolnik A, (Radiol Clin North Am), 23: 141, 1985

- ascites: comparison of plain film radiographs with ultrasonograms, Bundrick TJ; Cho S-R; Brewer WH; Beachley MC, (Radiology), 152: 503, 1984
- ascites in the fetus, neonate, and young child: emphasis on ultrasonographic evaluation, Newman B; Teele RL, (Semin US CT MR), 5: 85, 1984
- computed tomography, sonography, and MR imaging of abdominal tuberculosis, Zirinsky K; Auh YH; Kneeland JB; et al, (JCAT), 9: 961, 1985
- coronal sonography: review of abdominal applications, Cubberley DA; Gosink BB; Forsythe J, (J Ultrasound Med), 4: 35, 1985
- diagnostic ultrasound via the gastroscope, Heyder N; Lutz H; Lux G, (Radiology), 151:
- differential diagnosis of anechoic/hypoechoic lesions in the abdomen detected by ultrasound, Scholmerich J; Volk BA, (JCU), 14: 339, 1986
- distended gasless abdomen: fertile field for ultrasound, Seibert JJ; Williamson SL; Golladay ES; et al, (J Ultrasound Med), 5: 301, 1986
- echo-anatomie normal de l'etage superieur de l'abdomen. [normal ultrasound anatomy of the upper abdomen.], Abols I; Garel L; Lallemand D, Reviewed by Oestreich AE, (Radiology), 152: 538, 1984
- fluid-filled structures simulating solid tumors at ultrasonography—report on five cases, Soderlund V; Mortensson W; Nybonde T, (Pediatr Radiol), 16: 110, 1986
- gray scale sonography in the diagnosis and differential diagnosis of left upper quadrant masses, Kumari-Subaiya S; Phillips G; Weinreb J; Lyn M-K; Pochaczevsky R, (Radiographics), 4: 331, 1984
- indications for real-time ultrasound-controlled fine-needle punctures under permanent view, Otto RC, (Radiology), 151: 275, 1984
- intraoperative abdominal ultrasonography: initial experience with a dedicated high-resolution operative transducer, Rifkin MD; Mack LA; Lennard ES; et al, (J Ultrasound Med), 5: 429, 1986
- lesser sac and gastrohepatic recess: sonographic appearance and differentiation of fluid collections, Vincent LM; Mauro MA; Mittelstaedt CA, (Radiology), 150: 515, 1984
- migrations of fluid of pancreatic origins: ultrasonic and CT study of 28 cases, Weill FS; Burn P; Rohmer P; et al, (Radiology), 152: 266, 1984
- neonatal ileocolic intussusception with enterogenous cyst: ultrasonic diagnosis, Pandher D; Sauerbrei EE, (Radiology), **152**:
- pararenal space hyperechogenicity in childhood pancreatitis, Swischuk LE; Hayden CK Jr, (AJR), 145: 1085, 1985
- reliability of the results of ultrasound detection of fluid collections in the early postceliotomy period, Gold JP; Canizaro P; Kazam E; et al, (Radiology), **157**: 862, 1985
- rhythmic sonographic palpation nytumic sonographic palpation (echoseismography). a new technique for malignant, benign tumor differentiation by a sonographic approach of tumor elasticity, Eisenscher 4, Schweg-Toffler E; Pelletier G; et al., (Radiology), 150: 867, 1984
- right upper quadrant pain, Ralls PW; Colletti PM; Boswell WD Jr; et al, (Clin Diagn Ultrasound), **14**: 1, 1984
- sectional planes of sonographic upper abdomen diagnosis, Helgenberger H, (Radiology), **150**: 297, 1984
- sonographic appearance of a gastric hemangiopericytoma, Bonhof JA; Kremer H; Schumann G; et al, (Radiology), 150: 298,
- sonographic diagnosis of abdominal tumors in children, Reither M; Schumacher R; Klingmuller V, (Radiology), 152: 255, 1984
- sonographic examination of the mediastinum and upper abdomen by fiberoptic gastroscope, Rifkin MD: Gordon SI; Goldberg BB, (Radiology), 151: 175, 1984
- sonography after blunt abdominal trauma in childhood, Schultz RD; Willi U, (Radiology), 152: 255, 1984

ultrasonic evaluation of abdominal aortic thrombus, Harter LP; Gross BH; Callen PW; et al, (Radiology), **150**: 867, 1984

Callen PW; et al, (Radiology), 150: 867, 1984 ultrasonography and computed tomography in pseudomyxoma peritonei, Yeh H-C; Shafir MK; Slater G; Meyer RJ; Cohen BA; Geller SA, (Radiology), 153: 507, 1984 ultrasound in upper abdominal trauma, Kuligowska E; Mueller PR; Simeone JF; et al, (Semin Roentgenol), 19: 281, 1984

US of the upper abdomen: factors influencing image quality, Windler EET; Lempp FL, (Radiology), **157**: 513, 1985

Abdominal angiography angiography of omental mesothelioma, Marini K; Walter JF, (AJR), 143: 1075, 1984 single catheter technique for transaxillary aortofemoral angiography, Hoevels J, (Radiology), **152**: 844, 1984

transaxillary abdominal angiography: use of the sidewinder-pigtail catheter, Frohlich H, (Radiology), **150**: 265, 1984

abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels, Nyberg DA; Filly RA; Filho DLD; Laing FC; Mahony BS, (Radiology), 158: 393, 1986

abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels, Kadar N; Romero R, (Radiology), 161: 854,

abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels: reply, Filly RA; Laing FC; Nyberg DA, (Radiology), 161: 854, 1986

prognostic value of ultrasound, HCG and progesterone in threatened abortion, Eriksen BC; Eik-Nes SH, (JCU), 14: 3, 1986 real-time ultrasound diagnosis of bleeding uterine perforation during therapeutic abortion, Shalev E; Ben-Ami M;

Zuckerman H, (JCU), 14: 66, 1986 sonographic demonstration of post-abortion intrauterine osseous tissue, Bourgouin P; Dubuc G; Vauclair R; et al, (J Ultrasound Med), 4: 507, 1985

technique for mid-trimester termination pregnancies with severe oligohydramnios, Abramson A; Chitkara U; Berkowitz RL, (J Ultrasound Med), 4: 551, 1985

threatened abortion: sonographic distinction of normal and abnormal gestation sacs, Nyberg DA; Laing FC; Filly RA, (Radiology), 158: 397, 1986

threatened abortion: sonographic distinction of normal and abnormal gestation sacs, Cadkin AV; McAlpin J, (Radiology), 160:

threatened abortion: sonographic distinction of normal and abnormal gestation sacs: reply, Nyberg DA; Laing FC; Filly RA, (Radiology), 160: 567, 1986

ultrasonographic differentiation of cervical abortion from cervical pregnancy. Vas W; Suresh PL; Tang-Barton P; et al, (Radiology), 157: 863, 1985

ultrasound signs in threatened abortion and their prognostic significance, Mantoni M, (Radiology), **157**: 863, 1985

yolk sac sign: sonographic appearance of the fetal yolk sac in missed abortion, Hurwitz SR, (J Ultrasound Med), 5: 435, 1986 Abscess

See also under names of individual organs and regions, such as Liver, abscess

unusual presentation of a large infected hemophiliac pseudotumor in an autologous indium-111 WBC scan, Auger MJ; Critchley M; McVerry BA, (Clin Nucl Med), 11: 568, 1986

Abscess, MR studies

magnetic resonance imaging in the evaluation of abscesses, Wall SD; Fisher MR; Amparo EG; et al, (AJR), 144: 1217, 1985

magnetic resonance relaxation times of percutaneously obtained normal and abnormal body fluids, Brown JJ; vanSonnenberg E; Gerber KH; Strich G; Wittich GR; Slutsky RA, (Radiology), 154: 727, 1085 727, 1985

Abscess, percutaneous drainage

abdominal abscess drainage under radiologic guidance: causes of failure, Lang EK; Springer RM; Glorioso LW III; Cammarata CA, (Radiology), 159: 329, 1986

abdominal abscess with low-output fistula: successful percutaneous drainage, Kerlan RK Jr. Jeffrey RB Jr. Pogany AC; Ring EJ, (Radiology), 155: 73, 1985

abscess-fistula association: radiologic recognition and percutaneous management, Papanicolaou N; Mueller PR; Ferrucci JT Jr; et al. (AJR), 143: 811, 1984

aspiration and drainage procedures in the intensive care unit: percutaneous sonographic guidance, McGahan JP, (Radiology), 154: 531, 1985

Boerhaave syndrome: interventional radiologic management, Neff CC; Lawson DW, (AJR), 145: 819, 1985

CT features of intraabdominal abscesses: prediction of successful percutaneous drainage, Jaques PF; Mauro MA; Safrit H; et al, (AJR), 146: 1041, 1986

digital-scout-radiograph-assisted percutaneous abscess drainage (technical note), Wing VW; Jeffrey RB Jr; Hightower DR; et al. (AJR), 147: 406, 1986

double-coated medical tape modification of finger trap method for anchoring drainage catheters to the skin, Dixon GD; Farthing DG; Longson F, (Cardiovasc Intervent Radiol), 9: 113, 1986

drainage of pelvic abscesses through the greater sciatic foramen, Butch RJ; Mueller PR; Ferrucci JT Jr; Wittenberg J; Simeone JF; White EM; Brown AS, (Radiology), 158: 487, 1986

drainage of pelvic abscesses through the greater sciatic foramen, Jaques PF; Mauro MA, (Radiology), 160: 278, 1986

drainage of pelvic abscesses through the greater sciatic foramen: reply, Butch RJ; Mueller PR; Ferrucci JT Jr, (Radiology), 160:

expanded criteria for percutaneous abscess drainage, Gerzof SG; Johnson WC; Robbins AH; et al, (Radiology), **156**: 270,

fascial dilator for percutaneous drainage procedures, Casal GL, (Radiology), **155**: 833, 1985

Hawkins needle-guide system for percutaneous catheterization: 1. instrumentation and procedure, Andrews RC; Hawkins IF Jr, (AJR), 142: 1191, 1984

Hawkins needle-guide system for percutaneous catheterization: 2. clinical experience in biliary tract and abscess drainage, Andrews RC; Hawkins IF Jr; Vogel SG, (AJR), 142: 1197, 1984

iliopsoas abscess: treatment by CT-guided percutaneous catheter drainage, Mueller PR; Ferrucci JT Jr; Wittenberg J; et al, (AJR), 142: 359, 1984

intrahepatic amebic abscesses: indications for and results of percutaneous catheter drainage, vanSonnehorg E; Mueller PR; Schiffman HR; Ferrucci JT Jr; Casola G; Simeone JF; Cabrera OA; Gosink BB, (Radiology), 156: 631, 1985

lesser sac abscesses and fluid collections: drainage by transhepatic approach, Mueller PR; Ferrucci JT Jr; Simeone JF; Butch RJ; Wittenberg J; White M; Brown AS, (Radiology), 155: 615, 1985

loculated abscesses: management by percutaneous fracture of septations, Lieberman RP; Hahn FJ; Imray TJ; Phalen JT, (Radiology), 161: 827, 1986

lung abscess in children: diagnostic and therapeutic needle aspiration, Lorenzo RL; Bradford BF; Black J; Smith CD, (Radiology), 157: 79, 1985

mucomyst for abscesses: a clinical comment, Dawson SL; Mueller PR; Ferrucci JT Jr, (Radiology), 151: 342, 1984

(nationingly), 131: 342, 1364 operative versus percutaneous drainage of intraabdominal abscesses: comparison of morbidity and mortality, Olak J; Christou NV; Stein LA; et al, (Radiology), 160: 284, 1986

outpatient therapy of intraabdominal abscesses following early discharge from the hospital, Rifkin MD. Heffelfinger D. Kurtz AB; Pasto ME; Baltarowich OH; Cole-Beuglet C; Goldberg BB, (Radiology), 155: 333, 1985

pancreatic pseudocysts drained through a percutaneous transgastric approach, Kuligowska E; Olsen WL, (Radiology), **154**: 79, 1985

percutaneous aspiration and catheter drainage of abscesses, Diament MJ; Stanley P; Kangarloo H; et al, (Radiology), 160: 575, 1986

percutaneous aspiration, drainage, and biopsies in children, Towbin RB; Strife JL, (Radiology), **157**: 81, 1985

percutaneous catheter aspiration and drainage of suspected mediastinal abscesses, Gobien RP; Stanley JH; Gobien BS; Vujic I; Pass HI, (Radiology), 151: 69, 1984

percutaneous catheter drainage of deep neck infections guided by CT, Cole DR; Bankoff MS; Carter BL, (Radiology), 152: 224, 1984

percutaneous drainage of 250 abdominal abscesses and fluid collections, part 1: results, failures, and complications, vanSonnenberg E; Mueller PR; Ferrucci JT Jr, (Radiology), 151: 337, 1984

percutaneous drainage of 250 addominal abscesses and fluid collections, part II: current procedural concepts, Mueller PR; vanSonnenberg E; Ferrucci JT Jr, (Radiology), 151: 343, 1984

percutaneous drainage of abdominal abscesses, Sones PJ, (AJR), 142: 35, 1984

percutaneous drainage of abdominal fluid collections in children, Stanley P; Atkinson JB; Reid BS; et al, (AJR), 142: 813, 1984

percutaneous drainage of a psoas abscess in a young child, Sullivan WT; Glasier CM; Yrizarry JM; et al, (Radiology), 155: 552,

percutaneous drainage of pyogenic liver abscesses, Johnson RD; Mueller PR; Ferrucci JT Jr, (AJR), 144: 463, 1985

real-time sonographic monitoring of percutaneous abscess drainage, Jeffrey RB Jr; Wing VW; Laing FC, (AJR), 144: 469, 1985

replaceable sump lumen catheter for abscess drainage, Kerlan RK Jr; Ring EJ, (Gastrointest Radiol), 11: 112, 1986

splenic abscess: percutaneous drainage, Lerner RM; Spataro RF, (Radiology), **153**: 643, 1984

temporizing effect of percutaneous drainage of complicated abscesses in critically ill patients, vanSonnenberg E; Wing VW; Casola G; et al. (AJR), 142: 821, 1984

use of computed tomography in the percutaneous drainage of abdominal abscesses, Lawler GA; Doyle TCA; Lavan J, (Radiology), 155: 275, 1985

Abscess, radionuclide studies

comparison of indium 111-labeled platelets v leukocytes in a pyogenic abscess, Wright TP; Sugerman HJ; Tatum JL; et al, (Radiology), 156: 284, 1985

demonstration of a cold abscess by gallium-67 imaging in a patient with Job syndrome, Jaramillo D; Kim EE, (AJR), 147: 610, 1986

indium-111 chloride imaging in patients with suspected abscesses: concise communication, Sayle BA, Balachandran S; Rogers CA, (Radiology), 153: 575, 1984

indium-111-labeled leukocyte localization in hematomas: a pitfall in abscess dete tion, Wing VW; vanSonnenberg E; Kipper S; Bieberstein MP, (Radiology), 152: 173, 1984

<sup>111</sup> In leukocyte scanning as a guide to abdominal abscess drainage, Gibson RN; Halliday A; Keshavarzian A; et al, (AJR), 145: 1071, 1985

new method for granulocyte labeling with technetium-99m: preliminary results in abscess detection, Sundrehagen E; Bengtsson A-M; Bremer PO; et al, (J Nucl Med), 27: 555, 1986

Abscess, US studies

amebic liver abscess: sonographic diagnosis and management, Berry M; Bazaz R; Bhargava S, (JCU), 14: 239, 1986

echogenic wound abscess mimicking hepatic mass on ultrasonography, Yiengpruksawan A; Pow-Anpongkul S; Ganepola GAP; et al, (JCU), 14: 376, 1986

Abused children

See Children, injuries; Infants, injuries

Acetabulum

See also Hip

acetabular hypertrophy in Legg-Calve-Perthes disease, Yngve DA; Roberts JM, (Radiology), 157: 854, 1985

protrusio acetabuli in sickle-cell anemia, Martinez S; Apple JS; Baber C; Putman CE; Rosse WF, (Radiology), **151**: 43, 1984

#### Acetabulum, fractures

- acetabular fractures: three-dimensional computed tomographic imaging and interactive surgical planning, Burk DL Jr; Mears DC; Cooperstein LA; et al, (CT), 10: 1,
- computed tomography in acetabular trauma Blaquiere RM, (Radiology), 156: 569, 1985
- multiplanar computed tomography of acetabular fractures, Magid D; Fishman EK; Brooker AF Jr; et al, (JCAT), 10: 778, 1986
- normal acetabular anatomy for acetabular fracture assessment: CT and plain film correlation, Saks BJ, (Radiology), 159: 139, 1986
- pelvic and acetabular fractures: examination by angled CT scanning, Burk DL Jr; Mears DC; Herbert DL; Straub WH; Cooperstein LA; Beck EA, (Radiology), 153: 548, 1984
- role of computed tomography in the assessment and treatment of acetabular fractures, Adam P; Labbe JL; Alberge Y; et al, (Radiology), **156**: 569, 1985
- Arbeige T, et al. (Radinolgy), 136-305, 1969 three-dimensional computed tomography of acetabular fractures, Burk DL Jr; Mears DC; Kennedy WH; Cooperstein LA; Herbert DL, (Radiology), 155: 183, 1985

#### Acetylcysteine

skin damage from acetylcysteine leak during percutaneous abscess drainage, Casola G; vanSonnenberg E, (Radiology), **152:** 233,

#### Acid, iopanoic

- esters of iopanoic acid as liver-specific CT contrast agents: biodistribution and CT evaluation, Longino MA; Glazer GM; Weichert JP; et al, (JCAT), 8: 1099, 1984
- Acquired immunodeficiency syndrome (AIDS) abdominal CT findings of disseminated mycobacterium avium-intracellulare in AIDS, Nyberg DA; Federle MP; Jeffrey RB Jr: et al, (AJR), 145: 297, 1985
  - abdominal CT in acquired immunodeficiency syndrome, Jeffrey RB Jr; Nyberg DA; Bottles K; et al, (AJR), 146: 7, 1986
- abdominal tuberculosis: CT evaluation, Hulnick DH; Megibow AJ; Naidich DP; Hilton S; Cho KC; Balthazar EJ, (Radiology), 157: 199, 1985
- acquired immunodeficiency syndrome and cranial-nerve abnormalities, Lehrich JR; Hedley-Whyte ET; Harris NL, (Radiology), 151: 550, 1984
- AIDS-related lymphomas: evaluation by abdominal CT, Nyberg DA; Jeffrey RB Jr; Federle MP; Bottles K; Abrams DI, (Radiology), **159**: 59, 1986
- (Radiology), 197: 39, 1976 central nervous system disease in acquired immunodeficiency syndrome: prospective correlation using CT, MR imaging, and pathologic studies, Post MJD; Sheldon JJ; Hensley GT; Soila KP; Tobias JA; Chan JC; Quencer RM; Moskowitz LB, (Radiology), 158: 141, 1986
- CNS toxoplasmosis in acquired immunodeficiency syndrome, Horowitz SL; Bentson JR; Benson DF; et al, (Radiology), 151: 550, 1984
- computed tomography findings in gastrointestinal involvement by opportunistic organisms in acquired immune deficiency syndrome, Greyson-Fleg RT; Jonee B; Fishman EK; et al, (CT), 10: 175, 1986
- correlation between gallium lung scans and fiberoptic bronchoscopy in patients with suspected pneumocystis carnii pneumonia and the acquired immune deficiency syndrome, Coleman DL; Hattner RS; Luce JM; et al, (Radiology), 156: 284, 1985
- cranial CT in acquired immunodeficiency syndrome: spectrum of diseases and optimal contrast enhancement technique, Post MJD; Kursunoglu SJ; Hensley GT; et al, (AJNR), 6: 743, 1985
- cryptosporidiosis of the gastric antrum: detection using CT, Soulen MC; Fishman EK; Scatarige JC; Hutchins D; Zerhouni EA, (Radiology), 159: 705, 1986
- cryptosporidiosis of the stomach and small intestine in patients with AIDS, Berk RN; Wall SD; McArdle CB; et al, (AJR), 143: 549,
- CT of acquired immunodeficiency syndrome, Bursztyn EM; Lee BCP; Bauman J, (AJNR), 5: 711, 1984

- cytomegalic inclusion virus encephalitis in patients with AIDS: CT, clinical, and pathologic correlation, Post MJD; Hensley GT; Moskowitz LB; et al, (AJNR), 7: 275, 1986
- 273, 1986
  cytomegalic inclusion virus encephalitis in patients with AIDS: CT, clinical, and pathologic correlation, Post MJD; Hensley GT; Moskowitz LB; et al, (AJR), 146: 1229, 1986
- cytomegalovirus colitis in acquired immune deficiency syndrome: radiologic spectrum, Frager DH; Frager JD; Wolf EL; et al, (Gastrointest Radiol), 11: 241, 1986
- cytomegalovirus colitis in AIDS: radiographic findings in 11 patients, Balthazar EJ; Megibow AJ; Fazzini E; Opulencia JF; Engel J, (Radiology), 155: 585, 1985
- cytomegalovirus esophagitis and gastritis in AIDS, Balthazar EJ; Megibow AJ; Hulnick DH, (AJR), 144: 1201, 1985
- diagnosis for interstital lung disease in patients with acquired immunodeficiency syndrome (AIDS): prospective comparison of bronchial washing, alveolar lavage, transbronchial lung biopsy, and open-lung biopsy, McKenna RJ Jr. Campbell A; McMurtrey MJ; et al., (Radiology), 160: 571, 1984.
- focal esophageal candidiasis in acquired immunodeficiency syndrome (AIDS), Farman J; Tavitian A; Rosenthal LE; et al, (Gastrointest Radiol), 11: 213, 1986
- gastric manifestations of autoimmune deficiency syndrome-related Kaposi's sarcoma on computed tomography, Leibman AJ; Gold BM, (CT), 10: 85, 1986
- gastric tuberculosis: manifestation of acquired immunodeficiency syndrome, Brody JM; Miller DK; Zeman RK; Klappenbach RS; Jaffe MH; Clark LR; Benjamin SB; Choyke PL, (Radiology), 159: 347, 1986
- gastrointestinal complications of AIDS: radiologic features, Frager DH; Frager JD; Brandt LJ; Wolf EL; Rand LG; Klein RS; Beneventano TC, (Radiology), **158**: 597, 1986
- histoplasmosis in the acquired immune deficiency syndrome, Wheat LJ; Slama TG; Zeckel ML, (Radiology), **156**: 853, 1985
- indications for and diagnostic efficacy of open-lung biopsy in the patient with acquired immunodeficiency syndrome (AIDS), Pass HI; Potter D; Shelhammer J; et al, (Radiology), 160: 571,
- innocent intramural gastric uptake of gallium-67 in a case of AIDS, McNeill JA; Llaurado JG, (Clin Nucl Med), 11: 123, 1986
- intracerebral toxoplasmosis in patients with acquired immune deficiency syndrome, Handler M; Ho V; Whelan M; et al, (Radiology), 152: 854, 1984
- intrathoracic adenopathy: differential feature of AIDS and diffuse lymphadenopathy syndrome, Stern RG; Gamsu G; Golden JA; et al, (AJR), 142: 689, 1984
- Kaposi sarcoma and lymphadenopathy syndrome: limitations of abdominal CT in acquired immunodeficiency syndrome Moon KL Jr; Federle MP; Abrams DI; Volberding P; Lewis BJ, (Radiology), 150: 479, 1984
- liver-spleen scintigraphy in patients with acquired immunodeficiency syndrome, Smith R, (AJR), 145: 1201, 1985
- lymphocytic interstitial pneumonia associated with the acquired immune deficiency syndrome, Grieco MH; Chinoy-Acharya P, (Radiology), 157: 563, 1985
- microvascular aspects of acquired immune deficiency syndrome retinopathy, Newsome DA; Green WR; Miller ED; et al, (Radiology), 156: 861, 1985
- multifocal abnormalities of the gastrointestinal tract in AIDS, Wall SD; Ominsky S; Altman DF; et al, (AJR), 146: 1,
- mycobacterium avium-intracellulare complex enteritis: pseudo-Whipple disease in AIDS, Vincent ME; Robbins AH, (AJR), 144: 921,
- neuroradiologic findings in AIDS: review of 200 cases, Levy RM; Rosenbloom S; Perrett LV, (AJNR), 7: 833, 1986
- nontuberculous mycobacterial infection in AIDS: clinical, pathologic, and radiographic features, Marinelli DL; Albelda SM; Williams TM; Kern JA; lozzo RV; Miller WT, (Radiology), 160: 77, 1986

- opportunistic intracranial infection in AIDS detection by technetium-99m DTPA brain scintigraphy, Shih W-J; Domstad PA; DeLand FH, (J Nucl Med), 27: 498, 1986 opportunistic lung infection caused by rhodococcus (corynebacterium) equi, MacGregor JH; Samuelson WM; Sane DC; Godwin JD, (Radiology), 160: 83, 1986 otolaryngologic and head and neck manifestations of acquired immunodeficiency syndrome (AIDS), Marcusen DC; Sooy CD, (Radiology), 158: 861, 1986
- 861, 1986
  percutaneous needle lung aspiration for diagnosing pneumonitis in the patient with acquired immunodeficiency syndrome (AIDS), Wallace JM, Batra P; Gong H Jr; et al, (Radiology), 156: 853, 1985
- (Radiology), 156: 853, 1985
  percutaneous needle lung aspiration for diagnosing pneumonitis in the patient with acquired immunodeficiency syndrome (AIDS), Wallace JM, Batra P; Gong H Jr; et al, (Radiology), 160: 572, 1986
  pneumocystis carinii pneumonia studied by gallium-67 scanning, Barron TF;
  Birnbaum NS; Shane LB; Goldsmith SJ;
  Rosen MJ, (Radiology), 154: 791, 1985
  progressive multifocal leukoencephalopathy in acquired immune deficiency syndrome, Blum LW; Chambers RA;
  Schwattyman RL; et al (Radiology), 157: 283
- Schwartzman RJ; et al, (Radiology), 157: 283,
- pseudomembranous necrotizing bronchial aspergillosis, variant of invasive aspergillosis in a patient with hemophilia and acquired immune deficiency syndrome, Pervez NK; Kleinerman J; Kattan M; et al, (Radiology), 157; 563, 1985
- (Radiology), 187: 563, 1985 pulmonary complications of AIDS: radiologic features, Cohen BA; Pomeranz S; Rabinowitz JG; et al. (AJR), 143: 115, 1984 pulmonary disease in children with acquired immune deficiency syndrome and AIDS-related complex, Rubinstein A; Morrecki R; Silverman B; et al. (Radiology), 160: 862,
- pulmonary manifestations of AIDS: review of 106 episodes, Suster B; Akerman M; Orenstein M; Wax MR, (Radiology), 161: 87,
- radiographic appearance of tuberculosis in patients with the acquired immune deficiency syndrome (AIDS) and pre-AIDS, Pitchenik AE; Rubinson HA, (Radiology), 156: 853, 1985
- reactivation of congenital cytomegalic inclusion disease in an infant with HTLV-III associated immunodeficiency: CT-pathologic correlation, Post MJD; Curless RG; Gregorios JB; et al, (JCAT), 10: 533, 1986
- renal ultrasound in acquired immune deficiency syndrome, Schaffer RM; Schwartz GE; Becker JA; Rao TKS; Shih YH, (Radiology), 153: 511, 1984
- risk of nosocomial infection with human Tsk of nosocomain infection with numan i-cell lymphotropic virus type III/lymphadenopathy-associated virus in a large cohort of intensively exposed health care workers, Henderson DK; Saah AJ; Zak BJ; et al. (Radiology), 161: 283, 1986 le of ultrasonography in the detection of
- Lats Dj. et al, (Kadiology), 161: 283, 1986 role of ultrasonography in the detection of extrapulmonary tuberculosis in patients with acquired immunodeficiency syndrome (AIDS), Abiri My, Kirpekar M; Abiri S, (J Ultrasound Med), 4: 471, 1985 spontaneous pneumothorax in AIDS patients with Preumocustic acquire meumonais.
- with Pneumocystis carinii pneumonia, Goodman PC; Daley C; Minagi H, (AJR), 147: 29, 1986
- utility of gallium-67 scintigraphy and bronchial washings in the diagnosis and treatment of *Pneumocystis carinii* pneumonia in patients with the acquired immune deficiency syndrome, Tuazon CU; Delaney MD; Simon GL; et al, (Radiology), 159: 569, 1986
- utility of gallium imaging in the diagnosis of mycobacterium avium-intracellulare infection in patients with the acquired immunodeficiency syndrome, Bach MC; Bagwell SP; Masur H, (Clin Nucl Med), 11: 175, 1986
- 1/3, 1/306 widespread cytomegalovirus gastroenterocolitis in a patient with acquired immunodeficiency syndrome, Knapp AB; Horst DA; Eliopoulos G; et al, (Radiology), 153: 561, 1984
- Acromegaly extrathoracic airway in acromegaly, Morewood DJW; Belchetz PE; Evans CC; et al, (Clin Radiol), 37: 243, 1986

is soft tissue radiology useful in acromegaly?, Paisey R; Jeans WD; Hartog M, (Radiology), 154: 850, 1985

### Acro-osteolysis

See Osteolysis

#### Actinomycosis

ctinomycosis: diagnostic and therapeutic considerations and a review of 32 cases, Bennhoff DF, (Radiology), 156: 280, 1985 actinomycotic brain abscess: CT findings, Millan JM; Escudero L; Roger RL; et al, (JCAT), 9: 976, 1985

hepatic actinomycosis: CT features, Roesler PJ Jr; Wills JS, (JCAT), 10: 335, 1986 intracranial actinomycoma with osteomyelitis

intracranial actinomycoma with osteomyeliti simulating meningioma. case report, Khosia VK; Banerjee AK; Chopra JS, (Radiology), 152: 855, 1984 radionuclide angiography in two cases of hepatic actinomycosis, Ueno K; Kabuto H; Hasseda Y; et al, (Clin Nucl Med), 11: 44,

scintigraphic findings in chronic actinomycosis osteomyelitis and associated soft tissue infection, Grund FM; Ewing SL; Shafer RB, (Clin Nucl Med), 11: 23, 1986

#### Addison disease

See Adrenal gland, insufficiency

# Adenocarcinoma

abscopal regression following radiotherapy for adenocarcinoma, Rees GJG; Ross CMD, (Radiology), **151**: 279, 1984

adenocarcinoma and Barrett's esophagus. overrated risk?, Spechler SJ; Robbins AH; Bloomfield H; et al, (Radiology), **156**: 854,

adenocarcinoma in Barrett's esophagus Witt TR; Bains MS; Zamen MB; et al, (Radiology), **151:** 258, 1984

clinical course and prognosis of patients with renal adenocarcinoma with solitary metastasis, Kjaer M; Engelholm SA, (Radiology), 150: 303, 1984

computed tomography of mucin-producing adenocarcinoma of the appendix presenting as a bladder tumor, Skaane P; Isachsen MM; Hoiseth A, (JCAT), 9: 566, 1985

do prostatic biopsies 12 months or more after external irradiation for adenocarcinoma, stage III, predict long-term survival?, Cox JD; Kline RW, (Radiology), 151: 564,

1994
early effects of preoperative irradiation upon
the cell cycle composition in rectal
adenocarcinomas: flow-cytometric DNA
investigation, Hammarberg C; Tribukait B;
Ohman U, (Acta Radiol [Oncol]), 25: 45, 1986

esophagogastric polyps: radiographic and endoscopic findings, Styles RA; Gibb SP; Tarshis A; Silverman ML; Scholz FJ, (Radiology), **154**: 307, 1985

papillary renal cell carcinoma: CT and sonographic evaluation, Press GA; McClennan BL; Melson GL; et al, (AJR), 143: 1005, 1984

patterns of recurrence in adenocarcinoma of patterns or recurrence in adenocarcinoma of the rectum and rectosigmoid treated with surgery alone: implications in treatment planning with adjuvant radiation therapy, Mendenhall Whi, Million RR; Pfaff WW, (Radiology), 154: 572, 1985 primary adenocarcinoma of the duodenum.

report of two cases, Rudan N; Nola P; Popovic S, (Radiology), 155: 850, 1985

two benign CT presentations of thyroid-related papillary adenocarcinoma, Som PM; Sacher M; Lanzieri CF; et al. (JCAT), 9: 162,

vacuole sign in roentgen diagnosis of early peripheral bronchogenic adenocarcinoma, Zhong Z, (Radiology), **151**: 257, 1984

adenoid cystic carcinoma of the head and neck: clinical study of 37 cases, Dal Maso M; Lippi L, (Radiology), 157: 856, 1985

our experience with ultrasonic examination of the paranasal sinuses in children with abnormal adenoids, Zahorova L; Jablonicky P, (Radiology), 156: 858, 1985

See as neoplasms under the name of a specific organ

#### Adrenal gland

adrenal ablation by retrograde venous ethanol injection: an ineffective and dangerous procedure, Doppman JL: Girton ME, (Radiology), 150: 667, 1984

#### Adrenal gland, abnormalities

adrenal hypertrophy: possible pitfall in the sonographic diagnosis of renal agenesis, McGahan JP; Myracle MR, (J Ultrasound Med), 5: 265, 1986

CT diagnosis of adrenal abnormalities in patients with primary non-adrenal malignancies, Hussain S; Belldegrun A; Seltzer SE; et al, (Eur J Radiol), 6: 127, 1986

diagnosis of adrenal disorders, Older RA; Van Moore A Jr; Glenn JF; et al, (Radiol Clin North Am), 22: 433, 1984

intratesticular adrenal rests diagnosed by ultrasound, Seidenwurm D; Smathers RL; Kan P; Hoffman A, (Radiology), 155: 479,

intravascular papillary endothelial hyperplasia of the adrenal gland, Kawashima A; Johsen T; Murayama S; et al, (Br J Radiol), 59: 610, 1986

primary aldosteronism due to bilateral nodular hyperplasia: CT demonstration, Roberts L Jr; Dunnick NR; Thompson WM; et al, (JCAT), 9: 1125, 1985

striace, 1765, 176

#### Adrenal gland, abscess

adrenal abscess in the neonate, Atkinson GO Jr; Kodroff MB; Gay BB Jr; Ricketts RR, (Radiology), 155: 101, 1985

#### Adrenal gland, anatomy

adrenal glands in patients with congenital renal anomalies: CT appearance, Kenney PJ; Robbins GL; Ellis DA; Spirt BA, (Radiology), 155: 181, 1985

### Adrenal gland, biopsy

computed tomographic arteriography in the pre-surgical evaluation of hepatic tumours, Stack J; Legge D; Behan M, (Radiology), 153: 858, 1984

computed tomography-guided adrenal biopsy. an alternative to surgery in adrenal mass diagnosis, Berkman WA; Bernardino ME; Sewell CW; et al, (Radiology), 153: 858, 1984

CT-guided adrenal biopsy: accuracy, safety, and indications, Bernardino ME; Walther MM; Philips VM; et al, (AJR), 144: 67, 1985

ipsilateral decubitus position for percutaneous CT-guided adrenal biopsy, Heiberg E; Wolverson MK, (JCAT), 9: 217, 1985

unsuspected pheochromocytoma: risk of blood-pressure alterations during percutaneous adrenal biopsy, Casola G; Nicolet V; vanSonnenberg E; Withers C; Bretagnolle M; Saba RM, (Radiology), 159: 733, 1986

# Adrenal gland, CT

adenocarcinoma metastatic to the adrenal gland simulating myelolipoma: CT evaluation, Greene KM; Brantly PN; Thompson WR, (JCAT), 9: 820, 1985

adrenal cortex dysfunction: CT findings, Huebener K-H; Treugut H, (Radiology), 150:

adrenal glands in patients with congenital renal anomalies: CT appearance, Kenney PJ; Robbins GL; Ellis DA; Spirt BA, (Radiology), 155: 181, 1985

adrenal myelolipoma associated with Conn syndrome: CT evaluation, Whaley D; Becker S; Presbrey T; et al, (JCAT), 9: 959,

adrenoleukodystrophy: new CT findings, Inoue Y; Fukuda T; Takashima S; et al, (Radiology), **152:** 553, 1984

comparative assessment of ultrasonography and computed tomography in adrenal disorders, Yamakita N; Yasuda K; Goshima E; et al, (Ultrasound Med Biol), 12:

computed tomographic scanning versus radioisotope imaging in adrenocortical diagnosis, Guerin CK; Wahner HW; Gorman CA; et al, (Radiology), 151: 830,

computed tomography in untreated adults with virilising congenital adrenal cortical hyperplasia, Falke THM; van Seters AP; Schaberg A; et al, (Clin Radiol), 37: 155, 1986

CT and MR of the adrenal glands, Schultz CL, (Semin US CT MR), 7: 219, 1986

CT demonstration of an adrenal pseudocyst, Johnson CD; Baker ME; Dunnick NR, (JCAT), 9: 817, 1985

CT diagnosis of adrenal abnormalities in diagnosis of adrenal abnormalities in patients with primary non-adrenal malignancies, Hussain S; Belldegrun A; Seltzer SE; et al, (Eur J Radiol), 6: 127, 1986

CT findings in Addison's disease caused by tuberculosis, Sawczuk IS; Reitelman C; Libby C; et al, (Urol Radiol), 8: 44, 1986

CT of bilateral adrenal hemorrhage with acute adrenal insufficiency in the adult, Wolverson MK; Kannegiesser H, (AJR), 142:

CT of the adrenal cortex, Johnson CM; Sheedy PF II; Welch TJ; et al, (Semin US CT MR), 6: 241, 1985

CT of the adrenal medulla, Johnson CM; Welch TJ; Hattery RR; et al, (Semin US CT MR), 6: 219, 1985

current imaging of adrenal masses, Kenney PJ; Berlow ME; Ellis DA, (Radiographics), 4: 743, 1984

histoplasmosis of the adrenal glands studied by CT, Wilson DA; Muchmore HG; Tisdal RG; Fahmy A; Pitha JV, (Radiology),

incidentally discovered adrenal mass, Copeland PM, (Radiology), 151: 271, 1984 incidentally discovered adrenal mass, Copeland PM, (Radiology), 154: 859, 1985

isolated adrenal masses in nonsmall-cell bronchogenic carcinoma, Oliver TW Jr; Bernardino ME; Miller JI; Mansour K; Greene D; Davis WA, (Radiology), 153: 217,

miliary tuberculosis associated with adrenal enlargement: CT appearance, Hauser H; Gurret JP, (JCAT), 10: 254, 1986

MR imaging of the adrenals: correlation with computed tomography, Falke THM; te Strake L; Shaff MI; et al, (JCAT), 10: 242,

non-small cell lung carcinoma adrenal metastases. computed tomography and percutaneous needle biopsy in their diagnosis, Pagani JJ, (Radiology), 153: 572, 1984

pituitary and adrenal CT of Cushing syndrome, Pojunas KW; Daniels DL; Williams AL; et al, (AJNR), 7: 271, 1986

pituitary and adrenal CT of Cushing syndrome, Pojunas KW; Daniels DL; Williams AL; et al, (AJR), 146: 1235, 1986

sonography of adrenal lesions causing hypertension, Wicks JD; Mettler FA Jr, (Radiology), **150**: 868, 1984

# Adrenal gland, diseases

adrenal cortex dysfunction: CT findings, Huebener K-H; Treugut H, (Radiology), **150**: 195, 1984

comparative assessment of ultrasonography and computed tomography in adrenal disorders, Yamakita N; Yasuda K; Goshima E; et al, (Ultrasound Med Biol), 12:

computed tomography in untreated adults with virilising congenital adrenal cortical hyperplasia, Falke THM; van Seters AP; Schaberg A; et al, (Clin Radiol), 37: 155, 1986

delineation of adrenal in controls and nontumorous adrenal disorders by real-time ultrasonic-scanner, Yamakita N; Yasuda K; Miura K, (Ultrasound Med Biol), 12: 107,

functional adrenal disease: radiologic evaluation in a patient with anomalous kidneys, Kenney PJ; Keller FS; Koehler RE, (AJR), 147: 289, 1986

histoplasmosis of the adrenal glands studied by CT, Wilson DA; Muchmore HG; Tisdal RG; Fahmy A; Pitha JV, (Radiology), 150: 779, 1984

miliary tuberculosis associated with adrenal enlargement: CT appearance, Hauser H; Gurret JP, (JCAT), 10: 254, 1986

MR imaging of the adrenals: correlation with computed tomography, Falke THM; te Strake L; Shaff MI; et al, (JCAT), 10: 242,

petrosal sinus sampling for Cushing syndrome: anatomical and technical considerations, Doppman IL; Oldfield EH; Krudy AG; Chrousos GP; Schulte HM; Schaaf M; Loriaux DL, (Radiology), **150**: 99,

# Adrenocortical hormones and preparations

#### Adrenal gland, hemorrhage

- adrenal abscess in the neonate, Atkinson GO Jr; Kodroff MB; Gay BB Jr; Ricketts RR, (Radiology), 155: 101, 1985
- CT of bilateral adrenal hemorrhage with acute adrenal insufficiency in the adult, Wolverson MK; Kannegiesser H, (AJR), 142:
- non-functioning kidney associated with neonatal adrenal hemorrhage: report of 2 cases, Starinsky R; Manor A; Segal M, (Pediatr Radiol), 16: 427, 1986
- simultaneous renal vein thrombosis and bilateral adrenal hemorrhage: MR demonstration, Koch KJ; Cory DA, (JCAT), 10: 681, 1986

#### Adrenal gland, insufficiency

- adrenoleukodystrophy: new CT findings Inoue Y; Fukuda T; Takashima S; et al, (Radiology), **152**: 553, 1984
- CT findings in Addison's disease caused by tuberculosis, Sawczuk IS; Reitelman C; Libby C; et al, (Urol Radiol), 8: 44, 1986
- CT of bilateral adrenal hemorrhage with acute adrenal insufficiency in the adult, Wolverson MK; Kannegiesser H, (AJR), 142:
- intratesticular adrenal rests diagnosed by ultrasound, Seidenwurm D; Smathers RL; Kan P; Hoffman A, (Radiology), 155: 479,
- MR imaging in adrenoleukomyeloneuropathy, Bewermeyer H; Bamborschke S; Ebhardt G; et al, (JCAT), 9: 793, 1985

#### Adrenal gland, MR studies

- adrenal masses differentiated by MR, Reinig JW; Doppman JL; Dwyer AJ; Johnson AR; Knop RH, (Radiology), **158**: 81,
- adrenal tissue characterization using MR imaging, Glazer GM; Woolsey EJ; Borrello J; Francis IR; Aisen AM; Bookstein FL; Amendola MA; Gross MD; Bree RL; Martel W, (Radiology), 158: 73, 1986
- CT and MR of the adrenal glands, Schultz CL, (Semin US CT MR), 7: 219, 1986
- distinction between adrenal adenomas and metastases using MR imaging, Reinig JW; Doppman JL; Dwyer AJ; et al, (JCAT), 9: 898, 1985
- high-resolution MR imaging using loop-gap resonators: work in progress, Kneeland JB; Jesmanowicz A; Froncisz W; Grist TM; Hyde JS, (Radiology), 158: 247, 1986
- magnetic resonance imaging of the adrenal glands, Davis PL; Hricak H; Bradley WG Jr, (Radiol Clin North Am), 22: 891, 1984
- magnetic resonance imaging of the adrenal glands: comparison with computed tomography, Schultz CL; Haaga JR; Fletcher BD; et al, (AJR), 143: 1235, 1984
- MR imaging in adrenoleukomyeloneuropathy, Bewermeyer H; Bamborschke S; Ebhardt G; et al, (JCAT), 9: 793, 1985
- MR imaging of a large adrenal cyst, Pastakia B; Miller I; Wolfman M; et al, (JCAT), 10: 710,
- MR imaging of pheochromocytomas, Fink IJ; Reinig JW; Dwyer AJ; et al, (JCAT), 9: 454,
- MR imaging of the adrenals: correlation with computed tomography, Falke THM; te Strake L; Shaff MI; et al, (JCAT), 10: 242,
- MRI of indeterminate adrenal masses, Reinig JW; Doppman JL; Dwyer AJ; et al, (AJR), 147: 493, 1986
- surface coil MR imaging of abdominal viscera. II: the adrenal glands, White EM; Edelman RR; Stark DD; Simeone JF; Mueller PR; Brady TJ; Wittenberg J; Butch RJ; Ferrucci JT Jr, (Radiology), 157:

# Adrenal gland, neoplasms

- adenocarcinoma metastatic to the adrenal gland simulating myelolipoma: CT evaluation, Greene KM; Brantly PN; Thompson WR, (JCAT), 9: 820, 1985
- adrenal hemangioma: case report, Auh YH; Anand J; Zirinsky K; et al, (CT), 10: 57, 1986
- adrenal masses differentiated by MR, Reinig JW: Doppman JL; Dwyer AJ; Johnson AR; Knop RH, (Radiology), **158**: 81, 1986

- adrenal myelolipoma associated with Conn syndrome: CT evaluation, Whaley D; Becker S; Presbrey T; et al, (JCAT), 9: 959, 1985
- adrenal myelolipoma: CT and ultrasound findings, Vick CW; Zeman RK; Mannes E; et al, (Radiology), 153: 563, 1984
- adrenal myelolipoma diagnosis by computed-tomography-guided fine-needle aspiration. a case report, DeBlois GG; DeMay RM, (Radiology), 156: 569, 1985
- adrenal pseudomasses due to varices angiographic-CT-MRI-pathologic correlations, Brady TM; Gross BH; Glazer GM; et al, (AJR), 145: 301, 1985
- adrenal tissue characterization using MR imaging, Glazer GM; Woolsey EJ; Borrello J; Francis IR; Aisen AM; Bookstein FL; Amendola MA; Gross MD; Bree RL; Martel W, (Radiology), 158: 73, 1986
- antenatal sonographic diagnosis of adrenal neuroblastoma, Fowlie F; Giacomantonio M; McKenzie E; et al, (J Canad Assoc Radiol), 37: 50, 1986
- case report: adrenal haemangioma coexisting with malignant haemangioendothelioma, Nakagawa N; Takahashi M; Maeda K; et al, (Clin Radiol), 37: 97, 1986
- computed tomographic arteriography in the pre-surgical evaluation of hepatic tumours, Stack J; Legge D; Behan M, (Radiology), 153: 858, 1984
- computed tomography-guided adrenal biopsy. an alternative to surgery in adrenal mass diagnosis, Berkman WA; Bernardino ME; Sewell CW; et al, (Radiology), 153: 858, 1984
- CT demonstration of an adrenal pseudocyst, Johnson CD; Baker ME; Dunnick NR, (JCAT), 9: 817, 1985
- CT diagnosis of adrenal abnormalities in patients with primary non-adrenal malignancies, Hussain S; Belldegrun A; Seltzer SE; et al, (Eur J Radiol), 6: 127, 1986
- CT localization of an aldosteronoma in a 10year-old boy, Filiatrault D; Perreault G; LaBerge JM; et al, (Pediatr Radiol), 16: 85,
- CT of the adrenal cortex, Johnson CM; Sheedy PF II; Welch TJ; et al, (Semin US CT MR), 6: 241, 1985
- CT of the adrenal medulla, Johnson CM; Welch TJ; Hattery RR; et al, (Semin US CT MR), 6: 219, 1985
- cystic lesions of the adrenals: diagnosis and management, Vezina CT; McLoughlin MJ; St. Louis EL; et al, (Radiology), 155: 272,
- diagnosis of adrenal disorders, Older RA; Van Moore A Jr; Glenn JF; et al, (Radiol Clin North Am), 22: 433, 1984
- diagnostic approach to incidental adrenal nodules in the cancer patient. results of a clinical, radiologic, and fine-needle aspiration study, Katz RL; Shirkhoda A, (Radiology), 157: 573, 1985
- (Maturougy), 437: 373, 1763 differentiation of malignant from benign adrenal masses: predictive indices on computed tomography, Hussain S; Belldegrun A; Seltzer SE; et al, (AJR), 144: 61, 1985
- distinction between adrenal adenomas and metastases using MR imaging, Reinig JW; Doppman JL; Dwyer AJ; et al, (JCAT), 9: 898, 1985
- fine-needle aspiration of catecholamineproducing adrenal masses: possibly fatal mistake, McCorkell SJ; Niles NL, (AJR), 145: 113, 1985
- incidentally discovered adrenal mass, Copeland PM, (Radiology), **151**: 271, 1984
- isolated adrenal masses in nonsmall-cell bronchogenic carcinoma, Oliver TW Jr; Bernardino ME; Miller JI; Mansour K; Greene D; Davis WA, (Radiology), 153: 217,
- massive bilateral non-Hodgkin's lymphomas of the adrenals, Feldberg MAM; Hendriks MJ; Klinkhamer AC, (Urol Radiol), 8: 85, 1986
- MRI of indeterminate adrenal masses, Reinig JW; Doppman JL; Dwyer AJ; et al, (AJR), 147: 493, 1986
- heochromocytoma and the normal adrenal medulla: improved visualization with I-123 MIBG scintigraphy, Lynn MD, Shapiro B, Sisson JC, Beierwaltes WH; Meyers LJ; Ackerman R; Mangner TJ, (Radiology), 155:

- prenatal ultrasonographic diagnosis of fetal adrenal neuroblastoma, Giulian BB; Chang CCN; Yoss BS, (JCU), 14: 225, 1986
- real-time ultrasound of normal adrenal glands and small tumors, Gunther RW; Kelbel C; Lenner V, (Radiology), **154**: 283, 1985
- renal and scapular masses in a 57-year-old woman, van der Vliet AH; Ling D, (Urol Radiol), 8: 56, 1986
- sonography of adrenal lesions causing hypertension, Wicks JD; Mettler FA Jr, (Radiology), **150**: 868, 1984
- urface coil MR imaging of abdominal viscera. II: the adrenal glands, White EM; Edelman RR; Stark DD; Simeone JF; Mueller PR; Brady TJ; Wittenberg J; Butch RJ; Ferrucci JT Jr, (Radiology), 157: 431 1985
- therapeutic venous infarction of an aldosterone producing adenoma (corn's tumour), Mathias CJ; Peart WS; Carron DB; et al, (Radiology), 154: 560, 1985

### Adrenal gland, radiography

rontgenologische diagnostik der nebennieren [radiologic diagnosis of the adrenals.], Pouliadis G, Reviewed by Oestreich AE, (Radiology), 152: 316, 1984

#### Adrenal gland, radionuclide studies

- computed tomographic scanning versus radioisotope imaging in adrenocortical diagnosis, Guerin CK; Wahner HW; Gorman CA; et al, (Radiology), 151: 830,
- new approach to the localisation of phaeochromocytoma: imaging with iodine-131-meta-iodobenzylguanidine, Ackery DM; Tippett PA; Condon BR; et al, (Radiology), 154: 571, 1985
- pheochromocytoma and the normal adrenal medulla: improved visualization with I-123 MIBG scintigraphy, Lynn MD; Shapiro B; Sisson JC; Beierwaltes WH; Meyers LJ; Ackerman R; Mangner TJ, (Radiology), 155: 789, 1985

#### Adrenal gland, US studies

- adrenal hypertrophy: possible pitfall in the sonographic diagnosis of renal agenesis, McGahan JP; Myracle MR, (J Ultrasound Med), 5: 265, 1986
- cava-suprarenal line: new position for sonographic imaging of left adrenal gland, Krebs CA; Eisenberg RL; Ratcliff S; et al, (JCU), 14: 535, 1986
- comparative assessment of ultrasonography and computed tomography in adrenal disorders, Yamakita N; Yasuda K; Goshima E; et al, (Ultrasound Med Biol), 12:
- delineation of adrenal in controls and nontumorous adrenal disorders by real-time ultrasonic-scanner, Yamakita N; Yasuda K; Miura K, (Ultrasound Med Biol), 12: 107,
- focal adrenal hemorrhage: new US appearance, Cohen EK; Daneman A; Stringer DA; Soto G; Thorner P, (Radiology), 161: 631, 1986
- high-resolution real-time sonography of the adrenal glands: routine examination?, Marchal G; Gelin J; Verbeken E; et al, (J Ultrasound Med), 5: 65, 1986
- real-time ultrasound of normal adrenal glands and small tumors, Gunther RW; Kelbel C; Lenner V, (Radiology), **154**: 283, 1985
- sonography of adrenal glands in neonates and children: changes in appearance with age, Kangarloo H; Diament MJ; Gold RH; et al, (JCÜ), 14: 43, 1986
- sonography of adrenal lesions causing hypertension, Wicks JD; Mettler FA Jr, (Radiology), 150: 868, 1984
- sonography of the adrenal glands in chronic disseminated histoplasmosis, Wilson DA; Nguyen DL; Tytle TL; et al, (J Ultrasound Med), 5: 69, 1986
- ultrasonography of the normal adrenal glands: study using linear-array real-time equipment, Zappasodi F; Derchi LE; Rizzatto G, (Br J Radiol), 59: 759, 1986

#### Adrenocortical hormones and preparations

intratesticular adrenal rests diagnosed by ultrasound, Seidenwurm D; Smathers RL; Kan P; Hoffman A, (Radiology), 155: 479,

# Adrenoleukodystrophy

Adrenoleukodystrophy

See Adrenal gland, insufficiency

#### Aerosols

aerosol penetration ratio: new index of ventilation, Sirr SA; Elliott GR; Regelmann WE; et al, (J Nucl Med), **27**: 1343, 1986

airflow measurement inaccuracies in aerosol imaging, Sirr SA; Miltz-Miller S; Notman DNH; Boyle MJ; Boudreau RJ; Loken MK, (Radiology), **159**: 268, 1986

assessment of mucociliary clearance in patients with tracheobronchoplasty using radioaerosol, Kosuda S; Kubo A; Sammya T; et al, (J Nucl Med), 27: 1397, 1986

clinical comparison of a new technetium 99m DTPA aerosol delivery system with krypton 81m. Finn JP; Myers MJ; Nair KM; et al, (Br J Radiol), 59: 19, 1986

radioaerosol assessment of mucociliary clearance: towards definition of a normal range, Agnew JE; Sutton PP; Pavia D; et al, (Br J Radiol), 59: 147, 1986

Tc-99m-DTPA aerosol and radioactive gases compared as adjuncts to perfusion scintigraphy in patients with suspected pulmonary embolism, Alderson PO; Bielle DR; Gottschalk A; Hoffer PB; Kroop SA; Lee ME; Ramanna L; Siegel BA; Waxman AD, (Radiology), 153: 515, 1984

age-related alterations in the vertebral spinous processes and intervening soft tissues: radiologic-pathologic correlation, Sartoris DJ; Resnick D; Tyson R; et al, (AJR), 145: 1025, 1985

age-related changes in carotid artery wall properties in men, Reneman RS; van Merode T; Hick P; et al, (Ultrasound Med Biol), 12: 465, 1986

computer-interactive method for quantifying

computer-interactive method for quantifying cerebrospinal fluid and tissue in brain CT scans: effects of aging, Pfefferbaum A; Zatz LM; Jernigan TL, (JCAT), 10: 571, 1986 leukoencephalopathy in normal and pathologic aging: 2. MRI of brain lucencies, George AE; de Leon MJ; Kalnin A; et al, (AJNR), 7: 567, 1986

leukoencephalopathy in normal and pathologic imaging: 1. CT of brain lucencies, George AE; De Leon MJ; Gentes CI; et al, (AJNR), 7: 561, 1986

macroepiphyseal dysplasia with symptomatic osteoporosis, wrinkled skin, and aged appearance: presumed autosomal recessive condition, McAlister WH; Coe JD; Whyte MI', (Skeletal Radiol), 15: 47, 1986

Whyte MP, (Skeletal Radiol), 15: 47, 1986 MR imaging of the aging brain: patchy white-matter lesions and dementia, Brant-Zawadzki M; Fein G; Van Dyke C; et al, (A)NR), 6: 675, 1985 pseudoobstruction in the geriatric population, Adler YT; Draths KG; Markey WS, (Radiographics), 6: 995, 1986

radiologic changes of the aging brain and skull, LeMay M, (AJNR), 5: 269, 1984

chemotherapy of cervical carcinoma: use of Tc-99m-MAA infusion to predict drug distribution, Kim EE; Bledin AG; Kavanagh J; Haynie TP; Chuang VP, (Radiology), 150: 677, 1984

absolute ethanol injection of the adrenal artery: hypertensive reaction, Fink IJ; Girton M; Doppman JL, (Radiology), 154 357, 1985

adrenal ablation by retrograde venous ethanol injection: an ineffective and dangerous procedure, Doppman JL, Girton ME, (Radiology), 150: 667, 1984 angiomyolipomas in tuberous sclerosis: subselective embolotherapy with alcohol, with long-term follow-up study, Earthman WJ; Mazer MJ; Winfield AC, (Radiology), 160: 437, 1986

(Mandalugy), 100: 437, 1986 ethanol thrombotherapy of esophageal varices: further experience, Yune HY; O'Connor KW; Klatte EC; et al, (AJR), 144: 1049, 1985

fatal outcome after ethanol renal ablation in child with end-stage kidneys, Garel L; Mareschal JL; Gagnadoux MF; et al, (AJR), 146: 593, 1986

hepatic artery embolization of experimental hepatic tumors with absolute ethanol, Matsui O; Kawamura I; Kadoya M; et al, (Cardiovasc Intervent Radiol), 9: 146, 1986

hepatic cysts: treatment with alcohol, Bean WJ; Rodan BA, (AJR), 144: 237, 1985

hepatic infarction with absolute ethanol, O'Riordan D; McAllister H; Sheahan BJ; MacErlean DP, (Radiology), **152**: 627, 1984

occlusion of renal arterial tumor supply with absolute ethanol. experience with 20 cases, Ekelund L; Ek A; Forsberg L; et al, (Radiology), 155: 275, 1985

Ogilvie's syndrome developing after ethanol ablation of renal cell carcinoma, Terhune DW; Petrochko N Jr; Jordan GH; et al, (Radiology), **157**: 280, 1985

partial ablation of the kidney by intraarterial ethanol in domestic swine, Ekelund L; Lin G; Jonsson N; et al, (Radiology), 152:

percutaneous ethanol injection of parathyroid tumors under US guidance: treatment for secondary hyperparathyroidism, Solbiati L; Giangrande A; De Pra L; Bellotti E; Cantu P; Ravetto C, (Radiology), 155: 607, 1985

polyvinyl alcohol sponge for embolotherapy: particle size and morphology, Jack CR Jr; Forbes G; Dewanjee MK; et al, (AJNR), 6: 595, 1985

preoperative angioinfarction of localized renal cell carcinoma using absolute ethanol, Klinberg I; Hunter P; Hawkins IF; et al, (Radiology), 156: 271, 1985

therapeutic venous infarction of an aldosterone producing adenoma (corn's tumour), Mathias CJ; Peart WS; Carron DB; et al, (Radiology), **154**: 560, 1985

transrenal-vein reflux ethanol sclerosis of gastroesophageal varices, Olson E; Yune HY; Klatte EC, (AJR), **143**: 627, 1984

US-guided percutaneous alcohol injection of small hepatic and abdominal tumors, Livraghi T; Festi D; Monti F; Salmi A; Vettori C, (Radiology), 161: 309, 1986

acute alcoholic esophagitis, O'Riordan D; Levine MS; Laufer I, (J Canad Assoc Radiol), 37: 54, 1986

central pontine myelinolysis: demonstration by nuclear magnetic resonance, De Witt LD; Buonanno FS; Kistler JP; et al, (Radiology), 154: 563, 1985

comparison of computed tomography, ultrasound and scintigraphy in the diagnosis of alcoholic liver disease, Meek DR; Mills PR; Gray HW; et al, (Radiology), 153: 267, 1984

computed tomographic findings in Wernicke-Korsakoff syndrome, McDowell JR; LeBlanc HJ, (Radiology), **153**: 854, 1984

fractures on chest radiographs as indicators of alcoholism in patients with liver disease, Johnson RD; Davidson S; Saunders JB; et al, (Radiology), 153: 266, 1984

liver size evaluated by ultrasound: ROC curves for hepatitis and alcoholism, Niederau C; Sonnenberg A, (Radiology), **153**: 503, 1984

Marchiafava-Bignami disease: case studied by CT and MR imaging, Clavier E; Thiebot J; Delangre T; et al, (Neuroradiol), 28: 376,

nonvisualization of the liver by indium-111 oxine labeled leukocytes in alcoholic liver diseae, Segall GM; Goodwin DA, (Clin Nucl Med), 11: 79, 1986

prevalence of normal serum amylase levels in patients with acute alcoholic pancreatitis, Spechler SJ; Dalton JW; Robbins AH; et al, (Radiology), **152**: 250, 1984

variceal bleeding and computed tomography, Butler HE; Alfidi RJ, (Radiology), 150: 866,

#### Allergy See Anaphylaxis and allergy

aluminum bone disease in children: radiographic features from diagnosis to resolution, Andreoli SP; Smith JA; Bergstein JM, (Radiology), **156**: 663, 1985

aluminum bone disease in children: radiographic features from diagnosis to resolution, Daves ML, (Radiology), 159: 283,

aluminum bone disease in children: radiographic features from diagnosis to resolution: reply , Andreoli SP; Smith JA; Bergstein JM, (Radiology), 159: 284, 1986

radiographic manifestations of aluminum-induced bone disease, Sebes JI; Pinstein ML; Massie JD; et al, (AJR), 142: 424, 1984

radiological assessment of aluminium-related bone disease, Garrett P; McWade M; O'Callaghan J, (Clin Radiol), 37: 63, 1986

#### Alzheimer disease See Dementia

#### Amebiasis

amebic liver abscess in children: role of diagnostic imaging, Merten DF; Kirks DR, (AJR), 143: 1325, 1984

amebic liver abscess: sonographic diagnosis and management, Berry M; Bazaz R; Bhargava S, (JCU), 14: 239, 1986

hepatic amebic abscess: cholescintigraphic rim enhancement, Remedios PA; Colletti PM; Ralls PW, (Radiology), **160**: 395, 1986

intrahepatic amebic abscesses: indications for and results of percutaneous catheter drainage, vanSonnenberg E; Mueller PR; Schiffman HR; Ferrucci JT Jr; Casola G; Simeone JF; Cabrera OA; Gosink BB, (Radiology), 156: 631, 1985

intrahepatic bile leak producing delayed accumulation of technetium-99m DISIDA in an amebic liver abscess, Prakash R; Jena A; Behari V; et al, (Clin Nucl Med), 11: 360,

serial ultrasound in amoebic liver abscess, Simjee AC; Patel A; Gathiram V; et al, (Radiology), **156**: 569, 1985

sonographic features of hepatic and amebiasis in childhood, Hayden CK Jr; Toups M; Swischuk LE; et al, (Radiology), **155**: 855, 1985

#### American Board of Radiology

report from the trustees of the American Board of Radiology, Brady LW; Davis LW; Levitt SH; et al, (Int J Radiat Oncol Biol Phys), 12: 993, 1986

#### Amnesia

# See Memory

# Amniocentesis

amniocentesis under continuous ultrasound guidance: a series of 232 cases, Benacerraf BR; Frigoletto FD Jr, (Radiology),

intrauterine bleeding following transplacental amniocentesis, Perkes EA; Baim RS; Clair MR; et al, (Radiology), **150**: 299, 1984

invasive techniques for antenatal diagnosis: chorionic villus biopsy, fetoscopy, and amniocentesis, Romero R; Jeanty P; Hobbins JC, (Semin US CT MR), 5: 298, 1984

non-filled bladder: techniques and applications in sonographic evaluation of the early second trimester pregnancy, King W III; Higashida RT, (Radiographics), 4: 977,

real-time ultrasound guidance of fetal manipulation during genetic amniocentesis, Hill LM; Breckle R, (J Ultrasound Med), 4: 267, 1985

sonographically monitored amniocentesis to decrease intraoperative complications, Romero R; Jeanty P; Reece EA; et al, (Radiology), 157: 863, 1985

ultrasonic assessment of fetal response to second-trimester amniocentesis, Cianopoulos J. Elias SS; Simpson JL; et al, (Radiology), 160: 575, 1986

use of ultrasound in evaluating problems and complications of genetic amniocentesis, McArdle CR; Cohen W; Nickerson C; et al, (Radiology), 152: 564, 1984

#### Amniography

early diagnosis and intrauterine therapy of meconium plug syndrome in the fetus: risks and benefits, Samuel N; Dicker D; Landman J; et al, (J Ultrasound Med), 5: 425,

in utero diagnosis of congenital diaphragmatic hernia by CT amniography, Kelly DR; Grant EG; Zeman RK; et al, (JCAT), **10**: 500,

### Amniotic fluid

fetal hydronephrosis and polyhydramnios associated with vesico-ureteral reflux, Philipson EH; Wolfson RN; Kedia KR, (Radiology), 157: 862, 1985

placental chorioangioma, an unusual cause of polyhydramnios: antenatal diagnosis, Zalev AH, (J Canad Assoc Radiol), 37: 60,

sonographic detection of fetal goiter, unusual cause of hydramnios, Barone CM; Van Nutta FC; Kourides IA; et al, (J Ultrasound Med), 4: 625, 1985

sonographic evaluation of fetal anomalies in oligohydramnios between 16 and 30 weeks gestation, Sivit CJ; Hill MC; Larsen JW; et al, (AJR.) 146: 1277, 1986

technique for mid-trimester termination pregnancies with severe oligohydramnios, Abramson A; Chitkara U; Berkowitz RL, (J Ultrasound Med), 4: 551, 1985

ultrasonographic demonstration of floating particles in amniotic fluid, Parulekar SG, (Radiology), **150**: 616, 1984

ultrasound appearance of particulate matter in amniotic cavity: vernix or meconium?, DeVore GR; Platt LD, (JCU), 14: 229, 1986

vernix in amniotic fluid: sonographic detection, Hill LM; Breckle R, (Radiology), 158: 80, 1986

### Amyloidosis

amyloidomas in the cerebellopontine angle and jugular foramen. case report, Matsumoto T; Tani E; Maeda Y; et al, (Radiology), **158**: 571, 1986

amyloidosis and plasma cell dyscrasias: gastrointestinal involvement, Carlson HC; Breen JF, (Semin Roentgenol), 21: 128, 1986

amyloidosis and plasma cell dyscrasias of the musculoskeletal system, Subbarao K; Jacobson HG, (Semin Roentgenol), 21: 139, 1986

amyloidosis of the renal pelvis with ossification, Rauschmeier H; Hofstadter F; Jakse G, (Radiology), 152: 550, 1984

amyloidosis: overview, Scott PP; Scott WW Jr; Siegelman SS, (Semin Roentgenol), 21: 103, 1986

cerebral amyloid angiopathy, Cosgrove GR; Leblanc R; Meagher-Villemure K; et al, (Radiology), **159**: 286, 1986

cerebral amyloid angiopathy manifesting as recurrent intracerebral hemorrhage, Finelli PF; Kessimian N; Bernstein PW, (Radiology), 153: 853, 1984

computed tomography of the tongue in primary amyloidosis, Larsson SG; Benson L; Westermark P, (JCAT), 10: 836, 1986

CT findings in hepatic and splenic amyloidosis, Suzuki S; Takizawa K; Nakajima Y; et al, (JCAT), 10: 332, 1986

diffuse alveolar septal amyloidosis presenting with recurrent hemoptysis and medial dissection of pulmonary arteries, Road JD; Jacques J; Sparling JR, (Radiology), 159: 569,

diffuse mesenteric amyloidosis: CT, sonographic, and pathologic findings, Allen HA III; Vick CW; Messmer JM; et al, (JCAT), 9: 196, 1985

intracerebral hemorrhage caused by cerebral amyloid angiopathy: radiographic-pathologic correlation, Wagle WA; Smith TW; Weiner M, (AJNR), 5: 171, 1984

intracerebral hemorrhage secondary to cerebral amyloid angiopathy, Patel DV; Hier DB; Thomas CM; Hemmati M, (Radiology), 151: 397, 1984

laryngeal amyloidosis and laryngocele, Schild JA; Grybauskas VT; Mafee MF, (Radiology), 151: 827, 1984

localized amyloidosis of the head and neck and upper aerodigestive and lower respiratory tracts, Simpson GT II; Strong MS; Skinner M; et al, (Radiology), 155: 282, 1985

other organs and other amyloids, Pear BL, (Semin Roentgenol), 21: 150, 1986

primary (AL) amyloidosis as a cause of breast masses, O'Connor CR; Rubinow A; Cohen AS, (Radiology), 156: 270, 1985

radiologic manifestations of amyloidosis (a reverse gamut), Neils EW, (Semin Roentgenol), 21: 99, 1986

renal amyloidosis: evaluation by gallium imaging, Lee VW; Skinner M; Cohen AS; et al, (Clin Nucl Med), 11: 642, 1986

respiratory tract in amyloidosis and the plasma cell dyscrasias, Gross BH; Felson B; Birnberg FA, (Semin Roentgenol), 21: 113,

tumoral amyloidosis of bone of betainforal amylonosis of both of betag-microglobulin origin in association with long-term hemodialysis: new type of amyloid disease, Casey TT; Stone WJ; DiRaimondo CR; et al, (Radiology), 161: 860, unusual hepatic uptake pattern of technetium-99m sulfur colloid and technetium-99m HDP in amyloidosis, Vincent LM; McCartney WH; Flynn TC, (Clin Nucl Med), 11: 436, 1986

#### Analgesics

See Anesthesia

### Anaphylaxis and allergy

allergic periorbital mucopyocele in children, De Juan EE; Green WR; lliff NT, (Radiology), 151: 547, 1984

anaphylactic and allergic reactions during double-contrast studies: is glucagon or barium suspension the allergen?, Gelfand DW; Sowers JC; DePonte KA; et al, (AJR), 144: 405, 1985

anaphylactic reaction to orthoiodohippurate, Stockel M; Ennow K; Kristensen K; et al, (Radiology), **150**: 617, 1984

ckaubingy), 150: 617, 1504 severe systemic reaction to diphosphonate bone imaging agents: skin testing to predict allergic response and a safe alternative agent, Ramos-Gabatin A; Orzel JA; Maloney TR; et al, (J Nucl Med), 27: 1432, 1986

#### Anatomy

clinical radiographs of the cadaver as a teaching aid in anatomy, Pantoja E; Nagy F; Zambernard J, (Radiology), 155: 28, 1985

calvarial and phalangeal vascular impressions in thalassemia, Lawson JP; Ablow RC; Pearson HA, (AJR), 143: 641, 1984

enlarged phalangeal nutrient foramina in Gaucher disease and β-thalassemia major, Fink IJ; Pastakia B; Barranger JA, (AJR), 143:

hepatic uptake of technetium-99m diphosphonate in thalassemia major, Levy HM; Smith R, (Clin Nucl Med), 11:

magnetic resonance imaging of transfusional hemosiderosis complicating thalassemia major, Brasch RC; Wesbey GE; Gooding CA; Koerper MA, (Radiology), **150**: 767, 1984

marrow heterotopia in thalassemia, Papavasiliou C; Gouliamos A; Andreou J, (Eur J Radiol), 6: 92, 1986

Sickle-cell nephropathy: MR imaging, Lande IM; Glazer GM; Sarnaik S; Aisen AM; Rucknagel D; Martel W, (Radiology), 158: 379, 1986

xeroradiography in β-thalassemia, Scutellari PN; Orzincolo C; Tamarozzi R, (Radiology), **157**: 566, 1985

# Anemia, aplastic

magnetic resonance imaging of bone marrow disease in children, Cohen MD; Klatte EC; Baehner R; Smith JA; Martin-Simmerman P; Carr BE; Provisor AJ; Weetman RM; Coates T; Siddiqui AR; Weisman SJ; Berkow R; McKenna S; McGuire WA, (Radiology), 151: 715, 1984

magnetic resonance imaging of the bone marrow in patients with leukemia, aplastic anemia, and lymphoma, Olson DO; Shields AF; Scheurich CJ; et al, (Invest Radiol), 21: 540, 1986

#### Anesthesia

case report 388, Brogdon BG; Arcement LJ, (Skeletal Radiol), 15: 503, 1986

celiac plexus block for interventional radiology, Whiteman M5; Rosenberg H; Haskin PH; Teplick SK, (Radiology), **161**: 836, 1986

chloral hydrate as a sedative in children during imaging procedures, Koch RL, (Radiology), **153**: 833, 1984

displaced calcium as a sign of transitional cell carcinoma in analgesic nephropathy, Marrocco F5; Leekam RN; Matzinger MA; et al, (J Canad Assoc Radiol), 37: 122, 1986

driving ability after intravenous fentanyl or diazepam: controlled double-blind study, Stevenson GW; Pathria MN; Lamping DL; et al, (Invest Radiol), 21: 717,

intravenously administered pentobarbital sodium for sedation in pediatric CT, Strain JD; Harvey LA; Foley LC; Campbell JB, (Radiology), 161: 105, 1986

nitrous oxide: effective analgesic for vascular and interventional procedures, Braun SD; Miller GA Jr; Ford KK; et al, (AJR), 145: 377,

radionuclide-anesthetic flow study: new technique for the study of regional anesthesia, Bauman JM; Middaugh RE; Cawthon MA; et al, (J Nucl Med), 27: 1487,

sciatic nerve block under fluoroscopic guidance, Tan WS; Spigos DG, (Cardiovasc Intervent Radiol), 9: 59, 1986

spinal Wada test, Doppman JL; Girton ME; Oldfield EH, (Radiology), 161: 319, 1986

# Aneurvsm

case report 374, Stein E, (Skeletal Radiol), 15: 391, 1986

coagulation of aneurysms by direct percutaneous thrombin injection, Cope C; Zeit R, (AJR), 147: 383, 1986

peripheral vascular disease: correlation of MR imaging and angiography, Wesbey GE; Higgins CB; Amparo EG; Hale JD; Kaulman L; Pogany AC, (Radiology), 156:

saphenous vein graft aneurysms demonstrated by computed tomography, Yousem DM; Scott W Jr; Fishman EK; et al, (JCAT), 10: 526, 1986

transcatheter embolisation of arterial aneurysms, Uflacker R, (Br J Radiol), 59: 317,

#### Aneurysm, abdominal

comparison of magnetic resonance imaging and ultrasonography in the evaluation of abdominal aortic aneurysms, Amparo EG; Hoddick WK; Hricak H; Sollitto R; Justich E; Filly RA; Higgins CB, (Radiology), 154: 451, 1985

lumbosacral radiculopathy secondary to abdominal aortic aneurysms. report of 3 cases, Wilberger JE Jr, (Radiology), 152: 259,

marked hepatic congestion caused by a thoracoabdominal aneurysm, Sigal E; Pogany AC; Goldman IS, (Radiology), 156: 855, 1985

pseudoaneurysm detection with Tc-99m-labeled red blood cells, Ertzner TW; Powers TA, (Radiology), **154**: 507, 1985

### Aneurysm, aortic

abdominal pseudoaneurysm arising from a true aneurysm: presentation as a pulmonary mass, Shin MS; Ho K-J; Kirklin JW; et al, (AJR), 146: 155, 1986

anechoic crescent in abdominal aortic aneurysms: not a sign of dissection, King PS; Cooperberg PL; Madigan SM, (AJR), 146: 345, 1986

aneurysm of the proximal thoracic aorta simulating neoplasm: role of CT and angiography, Smith TR; Khoury PT, (AJR), 144: 909, 1985

aortic pseudoaneurysm complicating Takayasu disease: CT appearance, Peterson IM; Guthaner DF, (JCAT), 10: 676, 1986

ascending aorta complications of cardiac surgery: CT evaluation, Thorsen MK; Goodman LR; Sagel SS; et al. (JCAT), 10: 219, 1986

chronic posttraumatic aneurysm of the thoracic aorta: surgically correctable occult threat, Heystraten FM; Rosenbusch G; Kingma LM; et al, (AJR), 146: 303, 1986

comparison of computed tomography and aortography in abdominal aortic aneurysms, Andersen PE Jr; Lorentzen JE, (Radiology), 151: 555, 1984

151: 555, 1964
comparison of NMR imaging and aortography
for preoperative evaluation of abdominal
aortic aneurysm, Evancho AM; Osbakken M;
Weidner W, (Radiology), 156: 862, 1985

compression of the right pulmonary artery by aortic aneurysms: CT demonstration, Cramer M; Foley WD; Palmer TE; et al, (JCAT), 9: 310, 1985

computed tomography in the diagnosis of iatrogenic false aneurysms of the ascending aorta, Moore EH; Farmer DW; Geller SC; et al, (AJR), 142: 1117, 1984

computed tomography versus aortography for preoperative evaluation of abdominal aortic aneurysm, Larsson E-M; Albrechtsson U; Christenson JT, (Radiology), **154**: 559, 1985

concurrent dissection and intracaval rupture of an abdominal aortic aneurysm: CT findings, Ginaldi S; Long WD, (JCAT), 9: 369, 1985

CT characteristics of aortic atherosclerotic aneurysm versus aortic dissection, Heiberg E; Wolverson MK; Sundaram M; et al, (JCAT), 9: 78, 1985

- CT diagnosis of a mycotic aneurysm of the thoracoabdominal aorta, Atlas SW; Vogelzang RL; Bressler EL; et al, (JCAT), 8: 1211, 1984
- CT diagnosis of hemopericardium in acute dissecting aneurysm of the thoracic aorta, Meziane MA; Fishman EK; Siegelman SS, (Radiology), 153: 279, 1984 CT diagnosis of ruptured abdominal aortic
- aneurysm, Rosen A; Korobkin M; Silverman PM; et al, (AJR), 143: 265, 1984
- CT differentiation of thoracic aortic aneurysms from pulmonary masses adjacent to the mediastinum, Miller GA Jr; Heaston DK; Moore AV Jr; et al, (Radiology), **154**: 858,
- diagnostic value of ultrasound, computed tomography, and angiography in ruptured aortic aneurysms, Landtman M; Kivisaari L; Bondestam S; et al. (Radiology), 156: 834,
- digital subtraction angiography of the thoracic aorta, Grossman LB; Buonocore E; Modic MT; Meaney TF, (Radiology), **150**: 323, 1984
- evolution of a mural thrombus in false aneurysm: CT demonstration, Danza FM; Valentini AL; Colosimo C Jr; et al, (JCAT), 10: 126, 1986
- inflammatory aortic aneurysm (periaortic fibrosis): radiologic imaging, Cullenward MJ; Scanlan KA; Pozniak MA; Acher CA, (Radiology), **159**: 75, 1986
- intrarenal rupture of the abdominal aorta: CT features, Gavant ML; Salazar JE; Ellis JV, (JCAT), 10: 516, 1986
- juxtarenal infrarenal abdominal aortic aneurysm: special diagnostic and therapeutic considerations, Crawford ES; Beckett WC; Green MS, (Radiology), 161: 860, 1986
- late discovery of a posttraumatic right aortic arch aneurysm, Chew FS; Panicek DM; Heitzman ER, (AJR), 145: 1001, 1985
- magnetic resonance imaging of abdominal aortic aneurysms, Lee JKT; Ling D; Heiken JP; et al, (AJR), **143**: 1197, 1984
- magnetic resonance imaging of aneurysms of the abdominal aorta, Flak B; Li DKB; Ho BYB; et al, (AJR), 144: 991, 1985
- magnetic resonance imaging of thoracic aortic aneurysms: comparison with other imaging methods, Dinsmore RE; Liberthson RR; Wismer GL; et al. (AJR), 146: 309, 1986
- measuring abdominal aortic aneurysms on digital subtraction arteriograms, Braun SD; Illescas FF; Fagert T; et al, (AJR), **144**: 997,
- MR imaging of the aorta with three-dimensional vessel reconstruction: validation by angiography, Valk PE; Hale JD; Kaufman L; Crooks LE; Higgins CB, (Radiology), 157: 721, 1985
- MRI of chronic posttraumatic false aneurysms of the thoracic aorta, Moore EH; Webb WR; Verrier ED; et al, (AJR), 143: 1195, 1984
- nuclear magnetic resonance imaging in the assessment of unusual abdominal aortic aneurysms, Barter SG; Hicks IP; Hartnell GG; et al, (Radiology), **158**: 286,
- percutaneous arterial grafting, Cragg AH; Lund G; Rysavy JA; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, (Radiology), **150**: 45, 1984
- place of abdominal aortography in abdominal aortic aneurysm resection, Couch NP; O'Mahony J; McIrvine A; et al, (Radiology), 151: 820, 1984
- postoperative evaluation of composite aortic grafts: comparison of angiography and CT, Probst P; Baur HR; Leupi F; et al, (Radiology), **152**: 250, 1984
- preoperative evaluation of abdominal aortic preoperative evaluation of a prominal autric aneurysms by computed tomography, Papanicolaou N; Wittenberg J; Ferrucci JT Jr; et al, (AJR), 146: 711, 1986 problems in CT diagnosis of ruptured abdominal aortic aneurysms, Gale ME; Johnson WC; Gerzof SG; et al, (JCAT), 10: 427, 1042.
- 637, 1986
- progressive thoracic aortic dilatation after aortic valve replacement, Nancarrow PA; Higgins CB, (AJR), 142: 669, 1984
- recurrent aneurysms and late vascular complications following repair of abdominal aortic aneurysms, Plate G; Hollier LA; O'Brien P; et al, (Radiology), 158: 281, 1986

- review of the plain abdominal radiograph in acute rupture of abdominal aortic aneurysms, Loughran CF, (Clin Radiol), 37: 383, 1986
- role of computed tomography in symptomatic aortic aneurysms, Johnson WC; Gale ME; Gerzof SG; et al, (Radiology), **160**: 287, 1986
- role of computed tomography in the evaluation of dissecting aortic aneurysms, Danza FM; Fusco A; Falappa P, (Radiology), 152: 828, 1984
- ruptured thoracic aneurysm: unusual manifestation and early diagnosis using CT, Kucich VA; Vogelzang RL; Hartz RS; LoCicero J III; Dalton D, (Radiology), 160:
- ov, 1990 successful treatment of primary aorta-esophageal fistula resulting from aortic aneurysm, Snyder DM; Crawford ES, (Radiology), 150: 854, 1984
- (Radiology), 150: 634, 1594 thoracic aorta studied by MR imaging, Glazer HS; Gutierrez FR; Levitt RG; Lee JKT; Murphy WA, (Radiology), 157: 149, 1985
- traumatic pseudoaneurysms of the thoracic aorta, anatomic and radiologic correlations, Gundry SR; Burney RE; Mackenzie JR; et al, (Radiology), 155: 849, 1985
- Aneurysm, cardiac
- aneurysm of the atrial septum: motion pattern in relation to respiratory and cardiac cycles, Haugland H; Vik-Mo H, (JCU), 14: 52, 1986
- computed tomographic evaluation of morphological and functional condition of left ventricle in heart aneurysm, Rabkin I; Ovtchinnikov V; Judin A, (Eur J Radiol), 6: 15, 1986
- fibrosa: diagnosis by 2-dimensional contrast echocardiography at cardiac catheterization, Reid CL; McKay CR; Kawanishi DT; et al, (Radiology), 151: 557, 1984
- Aneurysm, carotid
- aneurysm of intrapetrous carotid artery: CT and angiographic findings, DelBalso AM; Bowers JE, (JCAT), 10: 702, 1986
- bowers Jr., (A.1), 16. 76. 750 bacterial aneurysms of the intracavernous carotid artery, Rout D; Sharma A; Mohan PK; et al., (Radiology), 154: 564, 1985 bacterial aneurysms of the intracavernous carotid artery, Rout D; Sharma A; Mohan PK; et al., (Radiology), 154: 854, 1985
- carotid pseudoaneurysm simulating pancoast tumor, Rong SH, (AJR), 142: 495, 1984
- clinico-radiological spectrum of giant supraclinoid internal carotid artery aneurysms. observations in 93 cases, Vinuela FV; Fox AJ; Chang JK; et al, (Radiology), **154**: 278, 1985
- CT demonstration of extracranial carotid artery aneurysms, Duvall ER; Gupta KL; Vitek JJ; et al, (JCAT), 10: 404, 1986
- CT of petrous carotid aneurysms, Kelly WM; Harsh GR IV, (AJNR), 6: 830, 1985
- diagnosis of bilateral intracavernous carotid artery aneurysms by computed tomography, Deeb ZL; Schimel S; Rothfus WE; et al, (CT),
- false aneurysm of the maxillary artery. an unusual complication of closed facial trauma, Schwartz HC; Kendrick RW; Pogorel BS, (Radiology), **151**: 827, 1984
- fenestration of the supraclinoid internal carotid artery with rupture of associated aneurysm, Yock DH Jr, (AJNR), 5: 634, 1984
- internal carotid artery aneurysm: a singular anomaly, Evans CE, (Radiology), **155**: 276, 1985
- management of aneurysms of the petrous portion of the internal carotid artery by resection and primary anastomosis, Glasscock ME III; Smith PG; Bond AG; et al, (Radiology), 152: 553, 1984
- common carotid artery, Knake JE; Gabrielsen TO; Zwolak RM, (AJNR), 6: 296,
- Aneurysm, cerebellar
- computed tomography of anterior inferior cerebellar artery aneurysm mimicking an acoustic neuroma, Dalley RW; Robertson WD; Nugent RA; et al, (JCAT), 10: 881, 1986
- Aneurysm, cerebral
  - chronic granulomatous abscess simulating cerebellopontine angle tumor, Cholankeril JV; Lieberman H, (AJNR), 5:

- computed angiotomography of unruptured cerebral aneurysms, Yamamoto Y; Asari S; Sunami N; et al, (JCAT), 10: 21, 1986
- CT visualization of ruptured Berry aneurysm within hematoma: flip-flop sign, McCormack J; Peyster RG; Brodner RA; et al, (JCAT), 10: 28, 1986
- dissecting aneurysm of cerebral arteries in congenital vascular deficiency, Steiner H; Lammer J; Kleinert R; et al, (Neuroradiol), 28: 331, 1986
- fenestrations of the middle cerebral artery associated with aneurysms, Ueda T; Goya T; Wakisaka S; et al, (AJNR), 5: 639, 1984
- intracranial dissecting aneurysms of the posterior circulation. report of six cases and review of the literature, Berger MS; Wilson CB, (Radiology), 157: 571, 1985
- multiple fusiform intracranial aneurysms following curative radiation therapy for suprasellar germinoma. case report, Azzarelli R; Moore J; Gilmor R; et al, (Radiology), 157: 571, 1985
- objects kidney disease and intracranial aneurysms: early angiographic diagnosis and early operation for the unruptured aneurysm, Wakabayashi T; Fujita 5; Ohbora Y; et al, (Radiology), 150: 290, 1984
- pulseless disease associated with multiple intracranial aneurysms, Masuzawa T; Kurokawa T; Oguro K; et al, (Neuroradiol), 28: 17, 1986
- subdural hematoma secondary to ruptured intracranial aneurysm: computed tomographic diagnosis, Williams JP; Joslyn JN; White JL; et al, (Radiology), **150**: 290, 1984
- Aneurysm, coronary
- acquired coronary arterial aneurysms: autopsy study of 52 patients, Virmani R; Robinowitz M; Atkinson JB; et al, (Radiology), 161: 861, 1986
- focal left ventricular dyskinesis, Winzelberg GG, (Semin Nucl Med), 14: 141,
- Kawasaki disease: review of risk factors for coronary aneurysms, Koren G; Lavi S; Rose V; et al, (Radiology), **160**: 575, 1986
- mycotic right coronary artery aneurysm: CT and MR diagnosis, Strasser SF; Matalon TAS; Turner DA; et al, (JCAT), 10: 667, 1986
- subcostal 2-dimensional echocardiographic imaging of peripheral left coronary artery aneurysms in Kawasaki disease, Maeda T; Yoshida H; Funabashi T; et al. (Radiology), 151: 558, 1984
- Aneurysm, ductus arteriosus
- ductus arteriosus aneurysm in Marfan syndrome, Muller NL; Mayo J; Culham JAG; et al, (J Canad Assoc Radiol), 37: 195, 1986
- Aneurysm, femoral
- indium-111 labeled leukocyte uptake: falsepositive results in noninfected pseudoaneurysms, Gilbert BR; Cerqueira MD; Vea HW; Nelp WB, (Radiology), 158: 761, 1986
- indium-11 labeled leukocyte uptake: false-positive results in noninfected pseudoaneurysms, Bauman JM; Landry AJ; Cawthon MA; Hartshorne MF, (Radiology), 161: 570, 1986
- inflammatory lesions of the groin: ultrasonic evaluation, Sandler MA; Alpern MB; Madrazo BL; Gitschlag KF, (Radiology), 151:
- pseudoaneurysm: complication of faulty technique in femoral arterial puncture, Rapoport S; Sniderman KW; Morse SS; Proto MH; Ross GR, (Radiology), **154**: 529,
- Aneurysm, gastroduodenal
- detection of an asymptomatic gastroduodenal artery aneurysm by real-time an d pulsed Doppler sonography, Dufresne M-P; Dubuc G; Nicolet V; et al, (J Canad Assoc Radiol), 37: 40, 1986
- Aneurysm, hepatic
- aneurysmal portahepatic venous fistula: report of two cases, Chagnon SF; Vallee CA; Barge J; Chevalier L; Le Gal J; Blery MV, (Radiology), 159: 693, 1986
- aneurysm of the proper hepatic artery as a rare source of upper gastrointestinal bleeding, Hugel HE; Oser W; Bodner E, (Gastrointest Radiol), 11: 158, 1986

biliary catheter drainage complicated by hemobilia: treatment by balloon embolotherapy, Mitchell SE; Shuman L; Kaufman SL; Chang R; Kadir S; Kinnison M; White RI Jr, (Radiology), 157: 645, 1985

common hepatic artery aneurysm: pseudopseudocyst of the pancreas, Shultz S; Druy EM; Friedman AC, (AJR), 144: 1287, 1985

1985
congenital hepatic artery aneurysm simulating pancreatic carcinoma, Gavin PM;
Matalon TAS; Petasnick JP; Roseman DL, (Radiology), 152: 607, 1984
hemobilia associated with hepatic artery aneurysms: scintigraphic detection with technetium-99m-labeled red blood cells, Jackson DE Jr; Floyd JL; Levesque PH, (J Nucl Med), 27: 491, 1986

hepatic artery aneurysm: ultrasonic diagnosis, Rigaux A; Vossen P; Van Baarle A; et al, (JCU), 14: 401, 1986

sonography in the diagnosis of hepatic artery aneurysms, Athey PA; Sax SL; Lamki N; et al, (AJR), 147: 725, 1986

Aneurysm, iliac

comparison of magnetic resonance imaging and ultrasonography in the evaluation of abdominal aortic aneurysms, Amparo EG; Hoddick WK; Hricak H; Sollitto R; Justich K; Filly RA; Higgins CB, (Radiology), 154: 451,

isolated external iliac artery aneurysm secondary to cystic medial necrosis, Crivello MS; Porter DH; Kim D; et al, (Cardiovasc Intervent Radiol), 9: 139, 1986

percutaneous transabdominal embolization of an iliac artery aneurysm, Rogoff PA; Stock JR, (AJR), 145: 1258, 1985

Aneurysm, intracranial

case of the season, Copley DJ, (Semin Roentgenol), 20: 107, 1985

cooperative study of intracranial aneurysms and subarachnoid hemorrhage: long-term prognostic study, Sahs AL; Nishioka H; Torner JC; et al, (Radiology), 156: 277, 1985

even echo MR rephasing in the diagnosis of giant intracranial aneurysm, Alvarez O; Hyman RA, (JCAT), 10: 699, 1986

failed aneurysm surgery. reoperation in 115 cases, Drake CG; Friedman AH; Peerless SJ, (Radiology), **157**: 855, 1985

giant intracranial aneurysm in a child with tuberous sclerosis: CT demonstration, Brill CB; Peyster RG; Hoover ED; et al, (JCAT), 9: 377, 1985

intracranial arterial aneurysms in childhood: more recent considerations, Zee C-S; Segall HD; McComb JG; et al, (Radiology), 161: 287, 1986

intracranial venous aneurysms: vein of galen and other similar vascular anomalies, Rao KCVG; Chiantella NM; Arora S; et al, (Radiology), 152: 556, 1984

medical and surgical treatment of ruptured and unruptured intracranial aneurysms, Salazar JL, (Radiology), 152: 855, 1984

MR identification of bleeding site in subarachnoid hemorrhage with multiple intracranial aneurysms, Hackney DB; Lesnick JE; Zimmerman RA; et al, (JCAT), 10: 878, 1986

10: 878, 1986
proatlantal intersegmental artery and trigeminal artery associated with an aneurysm. case report, Tanaka Y; Hara H; Momose G; et al. (Radiology), 152: 259, 1984

traumatic aneurysms of the pericallosal arteries, Nakstad PH; Nornes H; Hauge HN, (Neuroradiol), 28: 335, 1986

usefulness of computed tomography in predicting outcome after aneurysmal subarachnoid hemorrhage: a preliminary report of the cooperative aneurysm study, Adams HP Jr; Kassell NF; Torner JC, (Radiology), 160: 286, 1986

Aneurysm, mesenteric

aneurysmal dilatation of the superior mesenteric vein: CT findings, Lopez-Rasines GJ; Alonso JR; Longo JM; et al, (JCAT), 9: 830, 1985

superior mesenteric aneurysm and arteriovenous fistula: angiographic and CT features, Knox M; Chuang VP; Stewart MT, (AJR), 145: 383, 1985

Aneurysm, MR studies

magnetic resonance imaging of aneurysms and thrombi, Zeitler E; Kaiser W; Schuierer G; et al. (Cardiovasc Intervent Radiol), 8: 321, 1986

Aneurysm, mycotic

mycotic aneurysm of the renal artery: CT appearance, Stavas JM; Reinke DB; Miller RP, (Br J Radiol), 59: 401, 1986

mmer Kr, (br ) Radiol), 59: 401, 1996
mycotic aneurysms in intravenous drug
abusers: utility of intravenous digital
subtraction angiography, Shetty PC;
Krasicky GA; Sharma RP; Vemuri BR;
Burke MM, (Radiology), 155: 319, 1985

mycotic right coronary artery aneurysm: CT and MR diagnosis, Strasser SF; Matalon TAS; Turner DA; et al, (JCAT), 10: 667, 1986

Aneurysm, pancreaticoduodenal

heurism, painteractioudulari hepatic artery pseudoaneurysm: diagnosis with real-time and pulsed Doppler US, Falkoff GE; Taylor KJW; Morse SS, (Radiology), 138: 55, 1986

Aneurysm, portal vein

aneurysm of the intrahepatic branch of the portal vein, Ohnishi K; Nakayama T; Saito M; et al, (Radiology), 154: 271, 1985

Aneurysm, pulmonary
CT demonstration of a traumatic aneurysm of
the pulmonary artery, Daykin EL;
Irwin GAL; Harrison DA, (JCAT), 10: 323,

intraaneurysmal embolization of a pulmonary artery aneurysm for control of hemoptysis, Davidoff AB; Udoff EJ; Schonfeld SA, (AJR), 142: 1019, 1984

multiple mycotic pulmonary artery aneurysms secondary to intravenous drug abuse, SanDretto MA; Scanlon GT, (AJR), 142: 89,

pulmonary artery aneurysms in Behcet's disease, Gibson RN; Morgan SH; Krausz T; et al, (Radiology), **157**: 279, 1985 traumatic pulmonary artery aneurysm: CT evaluation, Crivello MS; Hayes C; Thurer RL; et al, (JCAT), 10: 503, 1986

traumatic pulmonary artery pseudoaneurysm, Gavant ML; Winer-Muram HT, (J Canad Assoc Radiol), 37: 108, 1986

resour Rautot, 37: 100, 1906 two-dimensional echocardiographic detection of left pulmonary artery aneurysm following Potts' anastomosis, Lakhani ZM; McGarry KM; Taylor RF; et al, (Radiology), 152: 862, 1984

Aneurysm, renal

CT demonstration of aneurysms in polyarteritis nodosa, Wilms G; Oyen R; Waer M; et al, (JCAT), **10**: 513, 1986

incidence of microaneurysms in polyarteritis nodosa, Sellar RJ; Mackay IG; Buist TAS, (Cardiovasc Intervent Radiol), 9: 123, 1986

mycotic aneurysm of the renal artery: CT appearance, Stavas JM; Reinke DB; Miller RP, (Br J Radiol), 59: 401, 1986 single renal artery aneurysm measuring 10 cm. in diameter, Radwine LS; Winders RE, (Radiology), 152: 844, 1984

Aneurysm, rupture
aneurysmal rupture during computed
tomography scanning, Allen RF;
Williams JF; Joslyn JN; et al, (CT), 10: 93,

concurrent dissection and intracaval rupture of an abdominal aortic aneurysm: CT findings, Ginaldi S; Long WD, (JCAT), 9: 369, 1985

diagnostic value of ultrasound, computed tomography, and angiography in ruptured aortic aneurysms, Landtman M; Kivisaari L; Bondestam S; et al, (Radiology), 156: 854,

hemosuccus pancreaticus: CT manifestations, Yoshikai T; Murakami J; Nishihara H; et al, (JCAT), 10: 510, 1986

intrarenal rupture of the abdominal aorta: CT features, Gavant ML; Salazar JE; Ellis JV, (JCAT), 10: 516, 1986

problems in CT diagnosis of ruptured abdominal aortic aneurysms, Gale ME; Johnson WC; Gerzof SG; et al, (JCAT), 10: 637, 1986

ruptured thoracic aneurysm: unusual manifestation and early diagnosis using CT, Kucich VA; Vogelzang RL; Hartz RS; LoCicero J III; Dalton D, (Radiology), 160:

Aneurysm, sciatic

CT demonstration of aneurysm of a persistent sciatic artery, Wilms G; Storme L; Vandaele L; et al, (JCAT), 10: 524, 1986

Aneurysm, splenic

aneurysms of the splenic artery: noninvasive diagnosis by pulsed Doppler sonography, Derchi LE; Biggi E; Cicio GR; et al, (Radiology), 153: 573, 1984

demonstration of a splenic artery pseudoaneurysm by MR imaging, Martin KW; Morian JP Jr; Lee JKT; et al, (JCAT), 9: 190, 1985

mosuccus pancreaticus: CT manifestations, Yoshikai T; Murakami J; Nishihara H; et al, (JCAT), 10: 510, 1986

recurrent hemorrhage into the pancreatic duct from a splenic artery aneurysm, Harper PC; Gamelli RL; Kaye MD, (Radiology), 156: 562,

splenic artery aneurysm rupture into the colon diagnosed by angiography, Bishop NL, (Radiology), 156: 562, 1985

Aneurysm, subclavian

subclavian aneurysm producing the subclavian steal syndrome, Otto R; Tan WS; Spigos DG, (Cardiovasc Intervent Radiol), 9: 90, 1986

Aneurysm, vein of Galen

MRI of an aneurysm of the vein of Galen, Roosen N; Schirmer M; Lins E; et al, (AJNR), 7: 733, 1986

oronary sinus lactate estimation in esophageal motor anomalies in angina with normal coronary angiograms, Ducrotte P; Berland J; Denis P; et al, (Radiology), 153: 846, 1984

median arcuate ligament syndrome with severe two-vessel involvement, Lawson JD; Ochsner JL, (Radiology), 153: 271, 1984

Angiocardiography

See also Angiography; Coronary angiography double-outlet right ventricle. a clinical-roentgenologic-pathologic study of 28 consecutive patients, De-wen G; Mei-lin L; Zhen-qiong G; et al, (Radiology), 153: 845,

gallbladder visualization following pediatric cardioangiography with Hexabrix, Gillespie JE; Gholkar A; Gupta S, (Radiology), 158: 575, 1986

(Radiology), 156: 573, 1700 left ventricular border recognition using a dynamic search algorithm, Pope DL; Parker DL; Clayton PD; Gustafson DE, (Radiology), 155: 513, 1985

(Radiology), 135: 513, 1985
persisting myocardial sinusoids of both
ventricles as an isolated anomaly:
echocardiographic, angiographic, and
pathologic anatomical findings, Jenni R;
Goebel N; Tartini R; et al, (Cardiovasc
Intervent Radiol), 9: 127, 1986

present status of axially angled angiocardiography, Soto B; Coghlan CH; Bargeron LM Jr, (Radiology), 155: 270, 1985

real-time digital angiocardiography using a temporal high-pass filter, Hardin CW; Kruger RA; Anderson FL; Bray BE; Nelson JA, (Radiology), 151: 517, 1984

Angiocardiography, contrast media

cardioangiapay, contrast intella cardioangiography in children with iohexol, metrizoate and ioxaglate, Kunnen M; Van Egmond H; Verhaaren H; et al, (Radiology), 158: 283, 1986

trial of iopamidol for angiocardiography in infants, Bennet J, (Radiology), 152: 845, 1984

Angiocardiography, radionuclide congenitally corrected transposition in the adult: detection by radionuclide angiocardiography, Guit GL; Kroon HM; Chin JG; Pauwels EK; van Voorthuisen AE, (Radiology), 157: 521, 1985

congenitally corrected transposition in the adult: detection by radionuclide angiocardiography, Daves ML; Pryor RJ; Bowles CR, (Radiology), 160: 854, 1986

congenitally corrected transposition in the adult: detection by radionuclide angiocardiography: reply, Guit GL; Kroon HM; Chin JG; Pauwels EK; van Voorthuisen AE, (Radiology), 160: 854, 1986

radionuclide angiocardiography in the clinical evaluation of cardiac malpositions in situs solitus in adults, Guit GL; Kroon HM; Chin JG; et al. (J Nucl Med), 27: 484, 1986

radionuclide cardioangiographic demonstration of a coronary artery fistula, Wells RG; Litwin SB; Sty JR, (Pediatr Radiol), 16: 61, 1986

Angiofibroma

chemotherapy for aggressive juvenile nasopharyngeal angiofibroma, Goepfert H; Cangir A; Lee Y-Y, (Radiology), 159: 287, 1986

embolization of epistaxis and juvenile nasopharyngeal angiofibromas, Davis KR, (AJNR), 7: 953, 1986

nasopharyngeal angiofibromas: staging and management, Chandler JR; Goulding R; Moskowitz L; et al, (Radiology), **156**: 279,

Angiography

angiographic contributions to the management of advanced cancer, Chuang VP, (AJR), 142: 385, 1984

angiography in the management of abdominal trauma, Casarella WI: Martin EC, (Semin Roentgenol), 19: 321, 1984

apparent arterial occlusion due to pneumatic antishock garment: pitfall in trauma angiography (case report), Morse SS; Strauss EB; Sumpio BE, (AJR), 147: 391, 1986

cerebral angiography: a device to reduce exposure to the eye lens, Chakeres DW; Wiatrowski W, (Radiology), **152**: 534, 1984

cerebral angiography with iohexol. a multicentre clinical trial, Amundsen P; Dugstad G; Presthus J; et al, (Radiology), 150: 862, 1984

coexistent carotid and coronary artery disease. surgical management, Emery RW; Cohn LH; Whittemore AD; et al, (Radiology), 151: 818,

computed angiotomography of unruptured cerebral aneurysms, Yamamoto Y; Asari S; Sunami N; et al, (JCAT), 10: 21, 1986

indications for angiography in extremity trauma, McCorkell SJ; Harley JD; Morishima MS; et al, (AJR), 145: 1245, 1985

need for arteriography in diabetic patients with gangrene and palpable foot pulses, Andros G; Harris RW; Dulawa LB; et al, (Radiology), 156: 269, 1985

outpatient angiography and interventional radiology: safety and cost benefits, Adams PS Jr; Roub LW, (Radiology), **151**: 81,

outpatient arteriography and cardiac catheterization: effective alternatives to inpatient procedures, Rogers WF; Moothart RW, (AJR), 144: 233, 1985

outpatient arteriography: its safety and cost effectiveness, Wolfel DA; Lovett BF, Ortenburger AI; Johnson LS; Sommerville DL, (Radiology), 153: 363, 1984

penetrating vascular injuries of the face and neck: clinical and angiographic correlation, North CM; Ahmadi J; Segall HD; et al, (AINE) 7, 855 1094 (AJNR), 7: 855, 1986

safety of outpatient angiography: prospective study, Saint-Georges G; Aube M, (AJR), 144: 235, 1985

subselective magnification angiography of experimental pneumonia, Bookstein JJ; Alazraki NP; Jassy LN, (Radiology), **150**: 301,

Angiography, complications

acute renal dysfunction after major arteriography, Gomes AS; Baker JD; Martin-Paredero V; et al, (AJR), 145: 1249, 1985

amnesia after femorocerebral angiography, Pexman JHW; Coates RK, (Radiology), **152**: 555, 1984

facts about discomfort and pain with Iopamidol peripheral arteriography, Dotter CT; Rosch J; Erlandson M; Buschman RW; Ogilvie R, (Radiology), 155: 819, 1985

indium-111 labeled platelet deposition following transfemoral angiography, O'Connor MK; Brennan SS; Shanik DG, (Radiology), 158: 191, 1986

pseudoaneurysm: complication of faulty technique in femoral arterial puncture, Rapoport S; Sniderman KW; Morse SS; Proto MH; Ross GR, (Radiology), **154**: 529,

risk of renal failure after major angiography, Martin-Paredero V; Dixon SM; Baker JD; et al, (Radiology), **152**: 841, 1984

scintigraphic detection of bleeding after transfemoral arteriography, using technetium-99m labeled RBCs, Gips S; Israel O, (Clin Nucl Med), 11: 669, 1986

Angiography, contrast media

bronchial and intercostal angiography with ioxaglate and diatrizoate in man. a comparative investigation, Kumazaki T; Hosoi S; Sugawara K; et al, (Radiology), 154:

comparison between iohexol and metrizamide, two nonionic contrast media, in aorto-femoral angiography, Whitehouse GH; Snowdon SL, (Radiology), 152: 844, 1984

comparison of iohexol and conray-60 in peripheral angiography, Gordon IJ; Skoblar RS; Chicatelli PD; et al, (AJR), **142**: 563, 1984

contrast agents for cardiac angiography: effects of a nonionic agent vs. a standard ionic agent, Bettmann MA; Bourdillon PD; Barry WH; Brush KA; Levin DC, (Radiology), 153: 583, 1984

contrast media for angiography: effect on renal function, Cruz C; Hricak H; Samhouri F; Smith RF; Eyler WR; Levin NW, (Radiology), 158: 109, 1986

contrast media induced fibrillation: comparison of angiovist 370 and renografin 76. work in progress, Morris TW; Sahler LG; Whynot Lk; Hayakawa K, (Radiology), 152: 203, 1984

facts about discomfort and pain with lopamidol peripheral arteriography, Dotter CT; Rosch J; Erlandson M; Buschman RW; Ogilvie R, (Radiology), 155:

iohexol and diatrizoate: comparison in visceral arteriography, Adam A; Hemingway AP; Allison DJ, (Radiology), 155: 529, 1985

iopamidol and conray 60: comparison in superselective angiography, Schonfeld SM; Pinto RS; Schonfeld AR; Berenstein A; Kricheff II, (Radiology), **152**: 809, 1984

iopamidol compared with Conray in peripheral angiography, Wojciechowski J; Johansson R; Bjork L, (Radiology), **150**: 612,

metrizamide and iothalamate meglumine in peripheral angiography in arterial insufficiency in the legs, Zackrisson BF; Johansson R; Bjork L; et al, (Radiology), **150**:

optimal concentration of contrast medium for aortography and femoral arteriography: comparison of Hexabrix 320 and Hexabrix 250, Grainger RG, (Clin Radiol), 37: 281,

peripheral vascular disease: prospective study of intraarterial digital subtraction angiography using a 9-inch intensifier, Garvey CJ; Wilkins RA; Lewis JD, (Radiology), 159: 423, 1986

Angiography, in infants and children

application of IV digital subtraction angiography to cranial disease in children, Mueller DL; Amundson GM; Wesenberg RL; et al, (AJNR), 7: 669, 1986

inadvertent ligation of the left pulmonary artery, Jaffe RB; Orsmond GS; Veasy LG, (Radiology), **161**: 355, 1986

Angiography, intraoperative

combined operative angiodilation and arterial reconstruction for limb salvage, Corey CJ; Bush HL; Widrich WC, (Radiology), **152**:

Angiography, intravenous

angiography, intravenous angiography intravenous angiographic contributions to the management of advanced cancer, Chuang VP, (AJR), 142: 385, 1984 application of IV digital subtraction angiography to cranial disease in children, Mueller DL; Amundson GM; Wesenberg RL; et al. (AJNR), 7: 669, 1986

comparison of the effects of intravenous and direct left ventricular contrast injections on left ventricular function, Norris SL; Mancini (BB; Slutsky RA; et al, (Radiology), 151: 818, 1984

intravenous DSA examination of patients with suspected cerebral ischemia, Foley WD; Smith DF; Milde MW; Lawson TL; Towne JB; Bandyk DF, (Radiology), **151**: 651, 1984

value of intravenous arterio-nephrourotomography in evaluating renal trauma, Fays J; Claudon M; Bernard C; et al, (Radiology), **152**: 551, 1984

videodensitometric quantitation of stenosis: in vitro and in vivo validation, Seibert JA; Link DP; Hines HH; Baltaxe HA, (Radiology), 157: 807, 1985

Angiography, postoperative

inadvertent ligation of the left pulmonary artery, Jaffe RB; Orsmond GS; Veasy LG, (Radiology), **161**: 355, 1986

shunts for portal hypertension: MR and angiography for determination of patency, Bernardino ME; Steinberg HV; Pearson TC; Gedgaudas-McClees RK; Torres WE; Henderson JM, (Radiology), 158: 57, 1986

Angiography, preoperative

Angiography, preoperative arterial compression of the fifth cranial nerve causing trigeminal neuralgia: angiographic findings, de Lange EE; Vielvoye GJ; Voormolen JHC, (Radiology), 158: 721, 1986 arterial tramura: diagnostic and therapeutic angiography, Sclafani SJA; Cooper R; Shaftan GW; Goldstein AS; Glanz S; Gordon DH, (Radiology), 161: 165, 1986 comparison of CT and angiography in assessing resectability of pancreatic carcinoma, Jafri SZH; Aisen AM; Glazer GM; et al, (AJR), 142: 525, 1984 ingiography, radionuclide

Angiography, radionuclide background correction in first-pass radionuclide angiography: comparison of several approaches, Gal R; Grenier RP; Schmidt DH; et al, (J Nucl Med), 27: 1480,

evaluation of intravenous radionuclide angiography in detection of occlusive disease of the iliac arteries, Hartling OJ;

disease of the iliac arteries, Hartling OJ; Hoilund-Carlsen PF, Hesse B; et al, (Radiology), 155: 287, 1985 factors influencing the quantification of valvular regurgitation by gated equilibrium radionuclide angiography, Berthout P; Cardot JC; Baud M; et al, (Radiology), 154: 570, 1985

570, 1985
first-pass radionuclide angiography via pulmonary arterial catheters. a critical analysis of background components, Dymond DS; Grenier RP; Carpenter J; Schmidt DH, (Radiology), 150: 819, 1984 high count rate first-pass radionuclide angiography using a digital gamma camera, Gal R; Grenier RP; Carpenter J; et al, (J Nucl Med.) 27: 198-1986.

Gal R; Grenier RP; Carpenter J; et al, (J Nucl Med), 27: 198, 1986 myocardial dysfunction following blunt chest trauma, Harley DP; Mena I; Miranda R; et al, (Radiology), 152: 269, 1984 pelvic radionuclide angiography in the diagnosis of gastrointestinal bleeding, Wahl RL; Lee ME, (Radiology), 151: 793, 1984

radionuclide angiography as the primary investigation in chemodectoma: concise communication, Laird JD; Ferguson WR; Mcllrath EM; et al, (Radiology), 152: 269,

adionuclide angiography in the quantitation of mitral regurgitation, Videll JS; Lumia FJ; Germon PA; et al, (Radiology), 157: 287, 1985

radionuclide angiography in two cases of hepatic actinomycosis, Ueno K; Kabuto H; Haseda Y; et al, (Clin Nucl Med), 11: 44, 1986

radionuclide thyroid angiography and surgical correlation. a five-year study, Moe RD; Frankel SF; Chacko AK; et al, (Radiology), 156: 571, 1985

traumatic myocardial dysfunction, Harley DP; Mena I; Narahara KA; et al, (Radiology), 154: 570, 1985

use of factor analysis in the evaluation of left to right cardiac shunts, Villanueva-Meyer J. Philippe L; Cordero S; et al, (J Nucl Med), 27: 1442, 1986

Angiography, technology development of a new universal neuroangiographic unit, Takahashi M; Miyawaki M; Bussaka H, (Neuroradiol), 28: 351, 1986

351, 1986
device for positioning the breast during
angiography, Block RW; Flynn MJ;
Ackerman LV; Watt AC; Erich DA;
Ressler CJ, (Radiology), 155: 824, 1985
embolization of small vessels with a doublelumen microballoon catheter. part I: design
and construction, Applimon HT; Hartley DE,
(Radiology), 151: 55, 1984

(Radiology), 151: 53, 1764 embolization of small vessels with a double-lumen microballoon catheter. part II. laboratory, animal, and histological studies. work in progress, ApSimon HT; Hartley DE; Maddren L; Harper C, (Radiology), 151: 59, 1084

functional angiography of the head and neck, Russell EJ, (AJNR), 7: 927, 1986

interventional angiography in the diagnosis of acute lower gastrointestinal bleeding, Rosch J; Kozak BE; Keller FS; et al, (Eur J Radiol), 6: 136, 1986

intraarterial digital subtraction imaging cost considerations, Norman D; Ulloa N; Brant-Zawadzki M; Gould RG, (Radiology), 156:

magnetic resonance angiography, Dumoulin CL; Hart HR Jr, (Radiology), 161:

- management of clotted angiographic catheters, Vinson AM; Wilcox CW; Knight MR; Sigfred SV, (Radiology), 152: 229, 1984
- modified technique for percutaneous transfemoral pulmonary angiography, Mills CS; Van Aman ME, (Cardiovasc Intervent Radiol), 9: 52, 1986
- movable core guide wire: evaluation of improved model, Smith TP; Derauf BJ; Darcy MD; Hunter DW; Castaneda-Zuniga WR; Amplatz K, (Radiology), 159: 552, 1986
- MR gated subtraction angiography: evaluation of lower extremities, Meuli RA; Wedeen VJ; Geller SC; Edelman RR; Frank LR; Brady TJ; Rosen BR, (Radiology), 159: 411, 1986
- new catheter for selective and superselective angiography, Rosen RJ, (Cardiovasc Intervent Radiol), 9: 49, 1986
- newly devised long sheath for transfemoral angiography, Nakamura H; Oi H, (Radiology), 155: 828, 1985
- optical push device: aid to the angiographer, Gerard P; Lefkovitz Z, (Cardiovasc Intervent Radiol), 9: 111, 1986
- optimal use of tolazoline in arteriography, Friedman J; Zeit RM; Cope C; et al, (AJR), 142: 817, 1984
- percutaneous angioscopy. work in progress, Ferris EJ; Ledor K; ben-Avi DD; Baker ML; Robbins KV; McCowan TC; Sharma B, (Radiology), 157: 319, 1985
- percutaneous brachial artery catheterization, Lipchik EO; Sugimoto H, (Radiology), **160**: 842, 1986
- pseudoaneurysm: complication of faulty technique in femoral arterial puncture, Rapoport 5; Sniderman KW; Morse SS; Proto MH; Ross GR, (Radiology), **154**: 529, 1985
- screening for occlusive vascular disease with intraarterial DSA: preliminary experience with a high flow 4-F catheter, Becker GJ; Hicks ME; Holden RW; Edwards MK; Jackson VP; Bendick PJ, (Radiology), 153: 823 1984
- selective hepatic angiography using a balloon catheter guide, Sawada S, (Radiology), **156**: 545, 1985
- simple pressure injector for contrast material, Rigler RG, (Radiology), 154: 248, 1985
- single catheter for aortic arch and selective cerebral angiography, Hinck VC, (AJNR), 7: 159, 1986
- subtraction technique in conventional angiography, Schatz SL; Ryvicker MJ; Deutsch AM; Cohen HR, (Radiology), **151**: 531, 1984
- transfemoral catheterization: mechanical versus manual control of bleeding, Semler HJ, (Radiology), **154**: 234, 1985
- translumbar catheter redirection using a tipdeflector technique, van Schaik JPJ; Hawkins IF Jr, (Radiology), 155: 829, 1985

- adrenal hemangioma: case report, Auh YH; Anand J; Zirinsky K; et al, (CT), 10: 57, 1986
- congenital laryngeal hemangioma, Benjamin B; Carter P, (Radiology), **151**: 822, 1984
- cutaneous and visceral hemangiomata in the Klippel-Trenaunay-Weber syndrome: antenatal sonographic detection, Lewis BD; Doubilet PM; Heller VL; et al, (AJR), **147**:
- dynamic computed tomography of the head and neck: differential diagnostic value, Michael AS; Mafee MF; Valvassori GE; Tan WS, (Radiology), 154: 413, 1985
- hemangioma presenting as a cystic mass in the fetal neck, Grundy H; Glasmann A; Burlbaw J; et al, (J Ultrasound Med), 4: 147,
- hemangioma with consumptive coagulopathy (Kasabach-Merritt syndrome) detection by indium-111 oxine-labeled platelets, Schmidt RP; Lentle BC, (Radiology), 155: 277, 1985
- intra-arterial digital subtraction angiography of the spinal cord, Yeates AE; Drayer BP; Heinz ER; Osborne D, (Radiology), **155**: 387,
- MR imaging of blue rubber bleb nevus syndrome, Jorizzo JR; Amparo EG, (JCAT), 10: 686, 1986

- MR imaging of cavernous hemangioma of the face and neck, Itoh K; Nishimura K; Togashi K; et al, (JCAT), 10: 831, 1986
- multiple cavernous hemangiomas of the spleen: CT findings, Moss CN; Van Dyke JA; Koehler RE; et al, (JCAT), **10**: 338, 1986
- prenatal sonographic diagnosis of a fetal facial hemangioma, Pennell RG; Baltarowich OH, (J Ultrasound Med), 5: 525, 1986

#### Angioma, cardiovascular system

- cerebellar venous angioma: "benign" entity?, Rothfus WE; Albright AL; Casey KF; et al, (AJNR), 5: 61, 1984
- sinus pericranii and venous angioma in the blue-rubber bleb nevus syndrome, Sherry RG; Walker ML; Olds MV, (AJNR), 5:

#### Angioma, central nervous system

- cerebellar venous angioma: "benign" entity?, Rothfus WE; Albright AL; Casey KF; et al, (Radiology), **154**: 855, 1985
- cerebellar venous angiomas: continuing controversy, Biller J; Toffol GJ; Shea JF; et al, (Radiology), 157: 283, 1985
- cerebral venous angiomas, Olson E; Gilmor RL; Richmond B, (Radiology), 151: 97, 1984
- cerebral venous angiomas: MR imaging, Augustyn GT; Scott JA; Olson E; Gilmor RL; Edwards MK, (Radiology), **156**: 391, 1985
- CT and MR of angiomatous malformations of the choroid plexus in patients with Sturge-Weber disease, Stimac GK; Solomon MA; Newton TH, (AJNR), 7: 623, 1986
- CT patterns in histopathologically complex cavernous hemangiomas, Ahmadi J; Miller CA; Segall HD; et al, (AJNR), 6: 389,
- cystic mural nodule in cerebellar hemangioblastoma: CT demonstration, Tan WS; Wilbur AC; Spigos DG; et al, (JCAT), 8: 1175, 1984
- giant cystic cavernoma in a child. case report, Khosia VK; Banerjee AK; Mathuriya SN; et al, (Radiology), **154**: 560,
- intracranial cavernous hemangiomas: neuroradiologic review of 36 operated cases, Savoiardo M; Strada L; Passerini A, (Radiology), 152: 556, 1984
- intratemporal vascular tumors: evaluation with CT, Lo WWM; Horn KL; Carberry JN Solti-Bohman LG; Wade CT; Brackmann DD; Waluch V, (Radiology), 159: 181, 1986
- magnetic resonance imaging of a venous angioma, Scott JA; Augustyn GT; Gilmor RL; et al, (AJNR), 6: 284, 1985
- magnetic resonance imaging of spinal-cord hemangioblastoma, Rebner M; Gebarski SS, (AJNR), 6: 287, 1985
- sinus pericranii with dural venous lakes, Beers GJ; Carter AP; Ordia JI; et al, (AJNR), 5: 629, 1984
- ss 627, 1904 supratentorial hemangioblastoma associated with Von Hippel Lindau disease: case report and review of the literature, Miller MH; Tucker WS; Bilbao JM, (J Canad Assoc Radiol), 37: 35, 1986

# Angioma, gastrointestinal tract

- accumulation of technetium-99m MDP in a cavernous hemangioma of the liver, Burkhalter JL; Morano JU; Patel BR, (Clin Nucl Med), 11: 498, 1986
- atypical radiographic findings in hepatic cavernous hemangioma: correlation with histologic features, Takayasu K; Moriyama N; Shima Y; et al, (AJR), 146: 1149, 1986
- clinical significance of focal echogenic liver lesions, Pen JH; Pelckmans PA; van Maercke YM; et al, (Gastrointest Radiol), 11:
- correlation of the real-time ultrasonographic appearance of hepatic-hemangiomas with angiography, Onodera H; Ohta K; Oikawa M; et al. (Radiology), 152: 564, 1984
- fine-needle biopsy of hepatic hemangioma with sonographic guidance, Solbiati L; Livraghi T; De Pra L; et al, (AJR), 144: 471,
- hemangioma of the tongue demonstrating a perfusion blood pool mismatch, Front D; Groshar D; Israel O; et al, (Clin Nucl Med), 11: 113, 1986
- hepatic hemangioma: atypical appearance, Mikulis DJ; Costello P; Clouse ME, (AJR),

- hepatic hemangioma: diagnosis by emission computed tomography, Talley MA; Nguyen DL; Leonard JC, (Clin Nucl Med), 11: 49, 1986
- hepatic hemangioma: dynamic bolus CT, Freeny PC; Marks WM, (AJR), 147: 711, 1986 noninvasive diagnosis of small cavernous hemangioma of the liver: advantage of MRI, Itai Y; Ohtomo K; Furui S; et al, (AJR), 145:
- 1195, 1985 patterns of contrast enhancement of benign
- patterns of contrast enhancement of benign and malignant hepatic neoplasms during bolus dynamic and delayed CT, Freeny PC; Marks WM, (Radiology), 160: 613, 1986 pedunculated hepatic hemangioma: unusual cause for anteriorly displaced retroperitoneal fat, Ellis JV; Salazar JE; Gavant ML, (J Ultrasound Med), 4: 623, 1985
- splenic hemangioma presenting as a "hot spot" on radiocolloid scintigraphy, Gulenchyn KY; Dover MR; Kelly S, (J Nucl Med), 27: 804, 1986

Med), 27: 504, 1966
Angioma, genitourinary system
case report: adrenal haemangioma coexisting
with malignant haemangioendothelioma,
Nakagawa N; Takahashi M; Maeda K; et al,
(Clin Radiol), 37: 97, 1986

#### Angioma, muscular

- accumulation of technetium-99m MDP in an intramuscular hemangioma, Mandell GA; Harcke HT; Davis N, (Clin Nucl Med), 11:
- intramuscular hemangioma of the head and neck, Wolfe GT; Daniel F; Krause CI; et al, (Radiology), 157: 856, 1985
- skeletal-muscle haemangioma presenting as an abdominal mass, Malone M; de Bruyn R; Spitz L, (Br J Radiol), **59:** 513, 1986

# Angioma, respiratory system

pulmonary capillary hemangiomatos Magee F; Wright JL; Kay JM; et al, (Radiology), 158: 862, 1986

#### Angioma, skeletal system

- case report 367, Pope TL Jr; Fechner RE; Keats TE, (Skeletal Radiol), 15: 327, 1986 computed tomography in spinal hemangioma with cord compression: report of two cases, Schnyder P; Fankhauser H; Mansouri B, (Skeletal Radiol), 15: 372, 1986
- computed tomography of benign angiomatous lesions of the extremities, Rauch RF; Silverman PM; Korobkin M; et al, (JCAT), &:
- symptomatic vertebral hemangiomas: report of four cases, Baker ND; Greenspan A; Neuwirth M, (Skeletal Radiol), 15: 458, 1986
- vertebral hemangiomas: radiologic evaluation, Laredo J-D; Reizine D; Bard M; Merland J-J, (Radiology), **161**: 183, 1986
- wretebral hemangioma with compression myelopathy: metrizamide CT demonstration, Leehey P; Naseem M; Every P; et al, (JCAT), 9: 985, 1985

# Angiomyolipoma

See Lipoma and lipomatosis

#### Angioplasty

See Arteries, transluminal angioplasty; Veins, transluminal angioplasty

#### Angiosarcoma See Sarcoma

#### Angioscopy

percutaneous angioscopy. work in progress, Ferris EJ; Ledor K; ben-Avi DD; Baker ML; Robbins KV; McCowan TC; Sharma B, (Radiology), 157: 319, 1985

#### Aniridia See Eye, abnormalities

Anisakiasis

# See Parasites

- Ankle accessory muscles of the lower calf, Nidecker AC; von Hochstetter A; Fredenhagen H, (Radiology), 151: 47, 1984
- accessory muscles of the lower calf, Dixon GD, (Radiology), 152: 539, 1984
- adhesive capsulitis of the hip and ankle, Griffiths HJ; Utz R; Burke J; et al, (AJR), 144: 101, 1985
- case report 382, Ohno T; Kadoya H; Park P; et al, (Skeletal Radiol), 15: 478, 1986 symptomatic radiographic variants in extremities, Lawson JP, (Radiology), 157: 625, 1985

# Ankle, abnormalities

assimilated os sustentaculi, Bloom RA; Libson E; Lax E; et al, (Skeletal Radiol), 15:

ball-and-socket ankle joint: anatomical and kinematic analysis of the hindfoot, Hiroshima K; Kurata Y; Nakamura M; et al, (Radiology), 155: 552, 1985

persistent medial deviation of the neck of the talus: a common cause of in-toeing in children, Bleck EE; Minaire P, (Radiology), 150: 614, 1984

Ankle, anatomy

ankle tenography: a key to unexplained symptomatology, part I: normal tenographic anatomy, Teng MMH; Destouet JM; Gilula LA; Resnick D; Hembree JL; Oloff LM, (Radiology), 151: 575, 1984

CT scanning of the foot and ankle: 1. normal anatomy, Solomon MA; Gilula LA; Oloff LM; et al. (AJR), 146: 1192, 1986

CT scanning of the foot and ankle: 2. clinical applications and review of the literature, Solomon MA; Gilula LA; Oloff LM; et al, (AJR), 146: 1204, 1986

Ankle, arthrography

arthrography of the ankle joint in chronic instability, Dory MA, (Skeletal Radiol), 15: 291, 1986

tumor involvement of peripheral joints other than the knee: arthrographic evaluation, De Smet AA; Levine E; Neff JR, (Radiology), 156: 597, 1985

Ankle, CT

CT scanning of the foot and ankle: 1. normal anatomy, Solomon MA; Gilula LA; Oloff LM; et al, (AJR), 146: 1192, 1986

CT scanning of the foot and ankle: 2. clinical applications and review of the literature, Solomon MA; Gilula LA; Oloff LM; et al, (AJR), 146: 1204, 1986

triplane fracture of the distal tibial epiphysis: radiographic and CT studies, Cone RO III; Nguyen V; Flournoy IG; Guerra J, (Radiology), 153: 763, 1984

Ankle, fractures

ligamentous injury of the lower tibiofibular syndesmosis: radiographic evidence, Sclafani SJA, (Radiology), **156**: 21, 1985

triplane fracture of the distal tibial epiphysis: radiographic and CT studies, Cone RO III; Nguyen V; Flournoy IG; Guerra J, (Radiology), 153: 763, 1984

Ankle, injuries

ankle: surface coil MR imaging at 1.5 T, Beltran J; Noto AM; Mosure JC; Shamam OM; Weiss KL; Zuelzer WA, (Radiology), **161**: 203, 1986

(Radiology), 161: 203, 1966
ankle tenggraphy: a key to unexplained symptomatology. part II: diagnosis of chronic tendon disabilities, Gilula LA; Oloff L; Caputi R; Destouet JM; Jacobs A; Solomon MA, (Radiology), 151: 581, 1984

arthrography of the ankle joint in chronic instability, Dory MA, (Skeletal Radiol), 15: 291, 1986

ligamentous injury of the lower tibiofibular syndesmosis: radiographic evidence, Sclafani 5JA, (Radiology), 156: 21, 1985 peroneal tendon injuries: CT analysis, Rosenberg ZS; Feldman F; Singson RD, (Radiology), 161: 743, 1986

(Radiology), 101-745, 1700 radiographic classification of ankle injuries, DeSmet AA; Reckling FW; McNamara GR, (Radiology), 150: 856, 1984

radiological analysis of lateral ligament injuries of the ankle, Blanshard KS; Finlay DBL; Scott DJA; et al, (Clin Radiol), 37: 247, 1986

talar ridges, osteophytes, and beaks: a radiologic commentary, Resnick D, (Radiology), 151: 329, 1984

Ankle, prostheses

prosthetic procedures of the joints of the ankle and foot, Gold RH; Cracchiolo A III; Bassett LW, (Semin Roentgenol), 21: 75, 1986

Ankle, radiography

congenital vertical talus, Jacobsen ST; Crawford AH, (Radiology), **151**: 264, 1984 congenital vertical talus: classification with 69 cases and new measurement system, Hamanishi C, (Radiology), **154**: 276, 1985

Ankylosing spondylitis

See Spondylitis

Anorexia nervosa

anorexia nervosa: a cause of pericardial effusion?, Silverman JA; Krongrad E, (Radiology), **150**: 858, 1984

Anoxia

See Hypoxia

Antibiotics

nitrofurantoin-induced pancreatitis: report of a case, Nelis GF, (Radiology), 151: 260, 1984 unusual pulmonary reactions to oily propyliodone (dionosil) in bronchography, Wardman AG; Willey RF; Cooke NJ; et al, (Radiology), 151: 258, 1984

Anticoagulants

giant rectus sheath hematomas of the pelvis complicating anticoagulant therapy: CT findings, Pastakia B; Horvath K; Kurtz D; et al, (JCAT), 8: 1120, 1984

Antigens and antibodies

See Immunity

Antitrust law

matitrust aspects of exclusive contracts in medical imaging, James AE Jr, Sloan FA; Hamilton R; Chick B; Zaner RM; Pendergrass HP; Stephens WH; Quimby CW Jr; Greeson T, (Radiology), 156: 237, 1985

Anus, abnormalities

anal agenesis with recto-bulbar fistula, Gupta AK; Bhargava S; Rohtagi M, (Pediatr Radiol), 16: 222, 1986

congenital anorectal malformations harbingers of sacrococcygeal teratomas, Moazam F; Talbert JL, (Radiology), 157: 853,

hypertrophied anal papilla: recognition on air-contrast barium enema examinations, Heiken JP; Zuckerman GR; Balfe DM, (Radiology), 151: 315, 1984

magnetic resonance of congenital anorectal malformations, Pomeranz SJ; Altman N; Sheldon JJ; et al, (Magn Res Imag), 4: 69,

Anus, imperforate

congenital anorectal anomaly: CT evaluation, Kohda E; Fujioka M; Ikawa H; Yokoyama J, (Radiology), **157**: 349, 1985

imperforate anus: neurologic implications of sacral abnormalities, Carson JA, (Radiology), 157: 853, 1985

Anus, MR studies

magnetic resonance of congenital anorectal malformations, Pomeranz SJ; Altman N; Sheldon JJ; et al, (Magn Res Imag), 4: 69,

Anus, neoplasms

anorectal giant condyloma acuminatum (Buschke-Loewenstein tumor): CT and radiographic manifestations, Balthazar Ej; Streiter M; Megibow AJ, (Radiology), 150:

computed tomography of epithelial neoplasms of the anal canal, Cohan RH; Silverman PM; Thompson WM; et al, (AJR), 145: 569, 1985

Anus, therapeutic radiology
Gordon Richards Memorial Lecture 1983:
radiotherapy and proctology, Papillon J,
(Radiology), 155: 560, 1985

radiation therapy of anal carcinoma, Glimelius B; Graffman S; Pahlman L; et al, (Radiology), 152: 271, 1984

Aorta

See also Aortic valve; Aortography bifid origin of the left vertebral artery, Eisenberg RA; Vines FS; Taylor SB, (Radiology), 159: 429, 1986

digital subtraction angiography of the aortic arch, Chernin MM, Pond GD; Sahn DJ, (Radiology), 155: 848, 1985

ECG-synchronized DSA exposure control: improved cervicothoracic image quality, Kelly WM; Gould R; Norman D; et al, (AJR), 143: 857, 1984

Aorta, abnormalities

abnormalities of the ascending aorta detected by gated blood pool imaging, Sussman MH; Horowitz SF; Navaro JL; et al, (Clin Nucl Med), 11: 198, 1986

advances in noninvasive evaluation of congenital anomalies of the thoracic aorta, Soulen RL; Donner RM, (Radiol Clin North Am), 23: 727, 1985

aortic arch development, Effmann EL; Whitman SA; Smith BR, (Radiographics), 6: 1065, 1986

circumflex retroesophageal right aortic arch simulating mediastinal tumor or dissecting aneurysm, Shuford WH; Sybers RG; Gordon IJ; et al. (AJR), 146: 491, 1986

congenital heart disease: gated MR imaging in 72 patients, Didier D; Higgins CB; Fisher MR; Osaki L; Silverman NH; Cheitlin MD, (Radiology), 158: 227, 1986

congenital heart disease: gated MR imaging in 72 patients, Julsrud PR, (Radiology), 161: 277, 1986

congenital heart disease: gated MR imaging in 72 patients: reply, Didier D, (Radiology), 161: 278, 1986

congenitally corrected transposition in adults with left atrioventricular valve incompetence, Guit GL; Kroon HM; van Voorthuisen AE; Steiner RM; Chin JG; Buis-Liem T, (Radiology), 155: 567, 1985

evaluation of vascular rings with digital subtraction angiography, Tonkin ILD; Gold RE; Moser D; et al, (AJR), 142: 1287,

levotransposition of the aorta: identification of segmental cardiac anatomy using MR imaging, Guit GL; Bluemm R; Rohmer J; Wenink AC; Chin JG; Doornbos J; van Voorthuisen AE, (Radiology), 161: 673, 1986

MR imaging of double aortic arch, Coscina WF; Kressel HY; Gefter WB; et al, (JCAT), 10: 673, 1986

MRI of congenital abnormalities of the great arteries, Fletcher BD; Jacobstein MD, (AJR), 146: 941, 1986

three types of aortic diverticula, Salomonowitz E; Edwards JE; Hunter DW; et al, (AJR), **142:** 673, 1984

diagnosis of aortic root abscess by cross-sectional echocardiography, Mulcahy D; Shapiro LM; Westgate C, et al, (Clin Radiol), 37: 235, 1986

Aorta, aneurysm See Aneurysm, aortic

Aorta, angiography

See Aortography

Aorta, calcification

calcified ascending aorta after radiation therapy, Coblentz C; Martin L; Tuttle R, (AJR), 147: 477, 1986

Aorta, coarctation

See Aorta, stenosis

Aorta, CT

aortic arch in neonates with esophageal atresia: preoperative assessment using Day DL, (Radiology), 155: 99, 1985

bay DL, (Kadiology), 193, 39, 193, aortic dissection following coronary artery bypass surgery: diagnosis by CT, Archer AG; Choyke PL; Zeman RK; et al. (Cardiovasc Intervent Radiol), 9: 142, 1986

ascending aorta complications of cardiac surgery: CT evaluation, Thorsen MK; Goodman LR; Sagel SS; et al, (JCAT), 10: 219,

bolus geometry and dynamics after intravenous contrast medium injection, Claussen CD; Banzer D; Pfretzschner C Kalender WA; Schorner W, (Radiology), 153:

computed tomography in the diagnosis of iatrogenic false aneurysms of the ascending aorta, Moore EH; Farmer DW; Geller SC; et al, (AJR), 142: 1117, 1984

computed tomography of thoracic aortic dissection: accuracy and pitfalls, Vasile N; Mathieu D; Keita K; et al, (JCAT), 10: 211,

computed tomography versus aortography for preoperative evaluation of abdominal aortic aneurysm, Larsson E-M; Albrechtsson U; Christenson JT, (Radiology), **154**: 559, 1985

CT and ultrasound diagnosis of aortic dissection, Dee P; Granato JE; Gibson RS, (Semin US CT MR), 6: 146, 1985

CT characteristics of aortic atherosclerotic aneurysm versus aortic dissection, Heiberg E; Wolverson MK; Sundaram M; et al, (JCAT), 9: 78, 1985

CT diagnosis of hemopericardium in acute dissecting aneurysm of the thoracic aorta, Meziane MA; Fishman EK; Siegelman SS, (Radiology), 153: 279, 1984

CT diagnosis of ruptured abdominal aortic aneurysm, Rosen A; Korobkin M; Silverman PM; et al, (AJR), **143**: 265, 1984

CT of traumatic injuries of the aorta, Heiberg E; Wolverson MK, (Semin US CT MR), 6: 172, 1985

detection of the intimal flap of aortic dissection on unenhanced CT images, Demos TC; Posniak HV; Churchill RJ, (AJR), 146: 601, 1986

- evolution of a mural thrombus in false aneurysm: CT demonstration, Danza FM; Valentini AL; Colosimo C Jr; et al, (JCAT), 10: 126, 1986
- false lumens in type III aortic dissections progress: CT study, Yamaguchi T; Naito H; Ohta M; Sugahara T; Takamiya M; Kozuka T; Nakajima N, (Radiology), 156: 757, 1985
- inflammatory aortic aneurysm (periaortic fibrosis): radiologic imaging, Cullenward Mj. Scanlan KA; Pozniak MA; Acher CA, (Radiology), 159: 75, 1986
- postoperative CT follow-up of aortic dissection, Mathieu D; Keita K; Loisance D; et al, (JCAT), 10: 216, 1986
- preoperative evaluation of abdominal aortic aneurysms by computed tomography, Papanicolaou N; Wittenberg J; Ferrucci JT Jr; et al, (AJR), 146: 711, 1986
- pseudoprominent aorta: radiographic findings and CT correlation, Brown KT; Shepard JO; Stewart WJ, (Radiology), 155: 299, 1985
- role of computed tomography in symptomatic aortic aneurysms, Johnson WC; Gale ME; Gerzof SG; et al, (Radiology), **160**: 287, 1986
- role of computed tomography in the evaluation of dissecting aortic aneurysms, Danza FM; Fusco A; Falappa P, (Radiology), 152: 828, 1984
- ruptured thoracic aneurysm: unusual manifestation and early diagnosis using CT, Kucich VA; Vogelzang RL; Hartz RS; LoCicero J III; Dalton D, (Radiology), 160: 87, 1986
- superior pericardial recess simulating aortic dissection on computed tomography, Chiles C; Baker ME; Silverman PM, (JCAT), 10: 421, 1986
- value and limitations of computed tomography in assessing aortocoronary bypass graft patency, Daniel WG; Dohring W; Stender H-S; et al, (Radiology), 151: 271, 1984

#### Aorta, dilatation

progressive thoracic aortic dilatation after aortic valve replacement, Nancarrow PA; Higgins CB, (AJR), 142: 669, 1984

#### Aorta, diseases

- inflammatory aortic aneurysm (periaortic fibrosis): radiologic imaging, Cullenward MJ; Scanlan KA; Pozniak MA; Acher CA, (Radiology), 159: 75, 1986
- magnetic resonance imaging of aortic disease: preliminary results, Amparo EG; Higgins CB; Hoddick WK; et al, (AJR), 143: 1203, 1984
- Horacic aorta studied by MR imaging, Glazer HS; Gutierrez FR; Levitt RG; Lee JKT; Murphy WA, (Radiology), 157: 149, 1985

#### Aorta, dissection

- aortic dissection following coronary artery bypass surgery: diagnosis by CT, Archer AG; Choyke PL; Zeman RK; et al, (Cardiovasc Intervent Radiol), 9: 142, 1986
- aortic dissection: magnetic resonance imaging, Amparo EG; Higgins CB; Hricak H; Sollitto R, (Radiology), 155: 399, 1985
- aortic dissection masquerading as gastrointestinal disease, Nath HP; Jaques PF; Soto B; et al, (Cardiovasc Intervent Radiol), 9: 37, 1986
- computed tomography of thoracic aortic dissection: accuracy and pitfalls, Vasile N; Mathieu D; Keita K; et al, (JCAT), 10: 211, 1986
- CT and ultrasound diagnosis of aortic dissection, Dee P; Granato JE; Gibson RS, (Semin US CT MR), 6: 146, 1985
- CT characteristics of aortic atherosclerotic aneurysm versus aortic dissection, Heiberg E; Wolverson MK; Sundaram M; et al, (JCAT), 9: 78, 1985
- detection of the intimal flap of aortic dissection on unenhanced CT images, Demos TC; Posniak HV; Churchill RJ, (AJR), 146: 601, 1986
- digital subtraction angiography of the thoracic aorta, Grossman LB; Buonocore E; Modic MT; Meaney TF, (Radiology), **150**: 323, 1984
- endovascular stent for use in aortic dissection: an in vitro experiment, Charnsangavej C; Wallace S; Wright KC; Carrasco CH; Gianturco C, (Radiology), 157: 323, 1985

- false lumens in type III aortic dissections progress: CT study, Yamaguchi T; Naito H; Ohta M; Sugahara T; Takamiya M; Kozuka T; Nakajima N, (Radiology), 156: 757, 1985
- MRI of dissection of the aorta: recognition of the intimal tear and differential flow velocities, Dinsmore RE; Wedeen VJ; Miller SW; et al, (AJR), 146: 1286, 1986
- postoperative CT follow-up of aortic dissection, Mathieu D; Keita K; Loisance D; et al, (JCAT), 10: 216, 1986
- role of computed tomography in the evaluation of dissecting aortic aneurysms, Danza FM; Fusco A; Falappa P, (Radiology), 152: 828, 1984
- superior pericardial recess simulating aortic dissection on computed tomography, Chiles C; Baker ME; Silverman PM, (JCAT), 10: 421, 1986
- thoracic aorta studied by MR imaging, Glazer HS; Gutierrez FR; Levitt RG; Lee JKT; Murphy WA, (Radiology), 157: 149, 1985
- thoracic aortic dissections: magnetic resonance imaging, Geisinger MA; Risius B; O'Donnell JA; Zelch MG; Moodie DS; Graor RA; George CR, (Radiology), 155: 407, 1985

#### Aorta, flow dynamics

fetal cardiac arrhythmias and their effect on volume blood flow in descending aorta of human fetus, Tonge HM; Wladimiroff JW; Noordam MJ; et al, (JCU), 14: 607, 1986

#### Aorta, grafts and prostheses

- assessment of flow in aortocoronary grafts, Segadal L, (Semin US CT MR), 6: 68, 1985
- detection of abdominal aortic graft infection: comparison of CT and In-labeled white blood cell scans, Mark AS; McCarthy SM; Moss AA; et al, (AJR), 144: 315, 1985
- duodenal fistula—rare complication following the removal of an infected aortic graft: case report, Hannig C; Allgayer B; Risch M; et al, (Cardiovasc Intervent Radiol), 9: 33, 1986
- endovascular stent for use in aortic dissection: an in vitro experiment, Charnsangavej C; Wallace S; Wright KC; Carrasco CH; Gianturco C, (Radiology), 157: 323, 1985
- expandable intraluminal graft: preliminary study. work in progress, Palmaz JC; Sibbitt RR; Reuter SR; Tio FO; Rice WJ, (Radiology), 156: 73, 1985
- infected aortoiliofemoral grafts: magnetic resonance imaging, Justich E; Amparo EG; Hricak H; Higgins CB, (Radiology), **154**: 133,
- in vivo study of Dacron aortic grafts through B-mode ultrasonography, Cavallaro A; Alessi G; Sciacca V; et al, (J Ultrasound Med), 4: 235, 1985
- postoperative evaluation of composite aortic grafts: comparison of angiography and CT, Probst P; Baur HR; Leupi F; et al, (Radiology), 152: 250, 1984
- radiological follow-up of transluminally inserted vascular endoprostheses: an experimental study using expanding spirals, Maass D; Zollikofer CC; Largadrer F; Senning A, (Radiology), 152: 659, 1984
- significance of hydronephrosis after aortofemoral reconstruction, Schubart P; Fortner G; Cummings D; et al, (Radiology), 156: 856, 1985
- value and limitations of computed tomography in assessing aortocoronary bypass graft patency, Daniel WG; Dohring W; Stender H-S; et al, (Radiology), 151: 271, 1984

### Aorta, inflammation

# See Aortitis

### Aorta, injuries

- chronic posttraumatic aneurysm of the thoracic aorta: surgically correctable occult threat, Heystraten FM; Rosenbusch G; Kingma LM; et al, (AJR), 146: 303, 1986
- CT of traumatic injuries of the aorta, Heiberg E; Wolverson MK, (Semin US CT MR), 6: 172, 1985
- late discovery of a posttraumatic right aortic arch aneurysm, Chew FS; Panicek DM; Heitzman ER, (AJR), 145: 1001, 1985
- traumatic laceration of the ascending aorta: angiographic assessment, Lundell CJ; Quinn MF; Finck EJ, (AJR), 145: 715, 1985

- traumatic pseudoaneurysms of the thoracic aorta, anatomic and radiologic correlations, Gundry SR; Burney RE; Mackenzie JR; et al, (Radiology), 155: 849, 1985
- vascular pedicle and the vena azygos. part III: in trauma—the "vanishing" azygos, Milne ENC; Imray TJ; Pistolesi M; Miniati M; Giuntini C, (Radiology), 153: 25, 1984

# Aorta, MR studies

- advances in noninvasive evaluation of congenital anomalies of the thoracic aorta, Soulen RL; Donner RM, (Radiol Clin North Am), 23: 727, 1985
- aortic dissection: magnetic resonance imaging, Amparo EG; Higgins CB; Hricak H; Sollitto R, (Radiology), **155:** 399, 1985
- coarctation of the aorta: MR imaging, von Schulthess GK; Higashino SM; Higgins SS; Didier D; Fisher MR; Higgins CB, (Radiology), 158: 469, 1986
- comparison of NMR imaging and aortography for preoperative evaluation of abdominal aortic aneurysm, Evancho AM; Osbakken M; Weidner W, (Radiology), 156: 862, 1985
- congenital heart disease: gated MR imaging in 72 patients, Didier D; Higgins CB; Fisher MR; Osaki L; Silverman NH; Cheitlin MD, (Radiology), 158: 227, 1986
- congenital heart disease: gated MR imaging in 72 patients, Julsrud PR, (Radiology), 161: 277, 1986
- congenital heart disease: gated MR imaging in 72 patients: reply, Didier D, (Radiology), 161: 278, 1986
- demonstration of coarctation of the aorta by magnetic resonance imaging, Amparo EG; Higgins CB; Shafton EP, (AJR), 143: 1192, 1984
- infected aortoiliofemoral grafts: magnetic resonance imaging, Justich E; Amparo EG; Hricak H; Higgins CB, (Radiology), **154**: 133,
- levotransposition of the aorta: identification of segmental cardiac anatomy using MR imaging, Guit GL; Bluemm R; Rohmer J; Wenink AC; Chin JG; Doornbos J; van Voorthuisen AE, (Radiology), 161: 673, 1986
- magnetic resonance imaging of abdominal aortic aneurysms, Lee JKT; Ling D; Heiken JP; et al, (AJR), 143: 1197, 1984
- magnetic resonance imaging of aneurysms of the abdominal aorta, Flak B; Li DKB; Ho BYB; et al, (AJR), 144: 991, 1985
- magnetic resonance imaging of aorta and pulmonary circulation. initial experience with ECG-gating, Lallemand D; Gooding CA; Wesbey GE; et al, (Radiology), 158: 286, 1986
- magnetic resonance imaging of aortic disease: preliminary results, Amparo EG; Higgins CB; Hoddick WK; et al, (AJR), 143: 1203, 1984
- magnetic resonance imaging of thoracic aortic aneurysms: comparison with other imaging methods, Dinsmore RE; Liberthson RR; Wismer GL; et al. (AJR), 146: 309, 1986
- mediastinal vessels: postoperative evaluation with MR imaging, Katz ME; Glazer H5; Siegel MJ; Gutierrez F; Levitt RG; Lee JKT, (Radiology), 161: 647, 1986
- MR imaging of aortoiliac atherosclerosis with 3D image reconstruction, Valk PE; Hale JD; Crooks LE; et al, (JCAT), 10: 439, 1986
- MR imaging of double aortic arch, Coscina WF; Kressel HY; Gefter WB; et al, (JCAT), 10: 673, 1986
- MR imaging of the aorta with threedimensional vessel reconstruction: validation by angiography, Valk PE; Hale JD; Kaufman L; Crooks LE; Higgins CB, (Radiology), 157: 721, 1985
- MRI of chronic posttraumatic false aneurysms of the thoracic aorta, Moore EH; Webb WR; Verrier ED; et al, (AJR), 143: 1195, 1984
- MRI of congenital abnormalities of the great arteries, Fletcher BD; Jacobstein MD, (AJR), 146: 941, 1986
- MRI of dissection of the aorta: recognition of the intimal tear and differential flow velocities, Dinsmore RE; Wedeen VJ; Miller SW; et al. (AJR), 146: 1286, 1986

nuclear magnetic resonance imaging in the assessment of unusual abdominal aortic aneurysms, Barter SG; Hicks IP; Hartnell GG; et al, (Radiology), **158**: 286,

thoracic aorta studied by MR imaging, Glazer HS; Gutierrez FR; Levitt RG; Lee JKT; Murphy WA, (Radiology), 157: 149, 1985

thoracic aortic dissections: magnetic resonance imaging, Geisinger MA; Risius B; O'Donnell JA; Zelch MG; Moodie DS; Graor RA; George CR, (Radiology), 155: 407, 1985

#### Aorta, occlusion

See Aorta, stenosis

#### Aorta, prostheses

See Aorta, grafts and prostheses

#### Aorta, radionuclide studies

abnormalities of the ascending aorta detected by gated blood pool imaging, Sussman MH; Horowitz SF; Navarro JL; et al, (Clin Nucl Med), 11: 198, 1986

# Aorta, regurgitation

high incidence of aortic regurgitation following Kawasaki disease, Nakano H; Nojima K; Saito A; et al, (Radiology), **158**:

new indexes for assessing aortic regurgitation with two-dimensional Doppler echocardiographic measurement of the regurgitant aortic valvular area, Veyrat C; Lessana A; Abitol G; et al, (Radiology), 152: 264, 1984

regurgitant jet and echocardiographic abnormalities in aortic regurgitation: an experimental study, Nakao S; Tanaka H; Tahara M; et al., (Radiology), 151: 272, 1984

#### Aorta, rupture

aortic rupture: complication of transluminal angioplasty, Berger T; Sorensen R; Konrad J, (AJR), 146: 373, 1986

intrarenal rupture of the abdominal aorta: CT features, Gavant ML; Salazar JE; Ellis JV, (JCAT), **10**: 516, 1986

mediastinal hemorrhage: an evaluation of radiographic manifestations, Woodring JH; Loh FK; Kryscio RJ, (Radiology), 151: 15,

plain-film criteria for excluding aortic rupture in blunt chest trauma, Marnocha KE; Maglinte DDT, (AJR), 144: 19, 1985

thoracic aortic rupture: advantages of intraarterial digital subtraction angiography, Mirvis SE; Pais SO; Gens DR, (AJR), **146**: 987, 1986

### Aorta, stenosis

carotid artery and aortic arch imaging with EKG gating in DSA, Francis DA; Sheldon JJ; Soila K; Tobias J, (Radiology), **155**: 827, 1985

coarctation of the aorta: MR imaging, von Schulthess GK; Higashino SM; Higgins SS; Didier D; Fisher MR; Higgins CB, (Radiology), 158: 469, 1986

demonstration of coarctation of the aorta by magnetic resonance imaging, Amparo EG; Higgins CB; Shafton EP, (AJR), 143: 1192, 1984

digital subtraction angiography of the thoracic aorta, Grossman LB; Buonocore E; Modic MT; Meaney TF, (Radiology), **150**: 323, 1984

endovascular stent for use in aortic dissection: an in vitro experiment, Charnsangavej C; Wallace S; Wright KC; Carrasco CH; Gianturco C, (Radiology), 157: 323, 1985

expandable intraluminal graft: preliminary study. work in progress, Palmaz JC; Sibbitt RR; Reuter SR; Tio FO; Rice WJ, (Radiology), 156: 73, 1985

gated magnetic resonance imaging of the normal and diseased heart, Lieberman JM; Alfidi RJ; Nelson AD; Botti RE; Moir TW; Haaga JR; Kopiwoda S; Miraldi FD; Cohen AM; Butler HE; Nara A; Hellerstein HK, (Radiology), **152**: 465, 1984

Leriche syndrome: treatment with streptokinase and angioplasty, Bean WJ; Rodan BA; Thebaut AL, (AJR), 144: 1285,

mediastinal collateral arteries: important vessels in coarctation of the aorta, Kirks DR; Currarino G; Chen JTT, (AJR), **146**: 757, 1986

mediastinal vessels: postoperative evaluation with MR imaging, Katz ME; Glazer HS; Siegel MJ; Gutierrez F; Levitt RG; Lee JKT, (Radiology), 161: 647, 1986

obscured aortic arch on the lateral chest radiograph as a sign of coarctation, Chen JTT; Khoury M; Kirks DR; Baber C; Godwin JD; Ravin CE; Putman CE, (Radiology), **153**: 595, 1984

obstructive left heart lesions, Bisset GS III; Meyer RA, (Semin Roentgenol), 20: 244, 1985

posterosuperior mediastinal widening in aortic coarctation, Woodring JH; Rhodes RA III, (AJR), 144: 23, 1985

supravalvular aortic stenosis and coronary ostial stenosis in familial hypercholesterolemia: two-dimensional echocardiographic assessment, Beppu S; Minura Y; Sakakibara H; et al, (Radiology), 151: 273, 1984

Takayasu arteritis: radiographic and angiographic findings in 59 patients, Yamato M; Lecky JW; Hiramatsu K; Kohda E, (Radiology), 161: 329, 1986

unusual angiographic appearance of aorto-iliac disease presenting as the Leriche syndrome, Patel M; Waxman P; Rozenblit A; et al, (Radiology), 156: 269, 1985

#### Aorta, thrombosis

noninvasive evaluation of neonatal aortic thrombosis secondary to umbilical artery catheterization, Fellmeth BD; Sandler MP; Thieme GA; et al, (AJR), 146: 619, 1986

nonsurgical management of obstructive aortic thrombosis complicated by renovascular hypertension in the neonate, Malin SW; Baumgart S; Rosenburg HK; et al, (Radiology), 157: 282, 1985

# Aorta, transluminal angioplasty

aortic rupture: complication of transluminal angioplasty, Berger T; Sorensen R; Konrad J, (AJR), **146**: 373, 1986

expandable intraluminal graft: preliminary study. work in progress, Palmaz JC; Sibbitt RR; Reuter SR; Tio FO; Rice WJ, (Radiology), **156**: 73, 1985

percutaneous transluminal angioplasty of the aorta. light and electron microscopic observations in normal and atherosclerotic rabbits, Zollikofer CL; Chain J; Salomonowitz E; Runge W; Bruhlmann WF; Castaneda-Zuniga WR; Amplatz K, (Radiology), 151: 355, 1984

percutaneous transluminal angioplasty of the lower abdominal aorta, Charlebois N; Saint-Georges G; Hudon G, (AJR), 146: 369, 1986

reduced vasoconstrictor response after angioplasty in normal rabbit aortas, Wolf GL; Lentini EA; LeVeen RF, (AJR), **142**: 1023, 1984

### Aorta, US studies

advances in noninvasive evaluation of congenital anomalies of the thoracic aorta, Soulen RL; Donner RM, (Radiol Clin North Am), 23:727, 1985

CT and ultrasound diagnosis of aortic dissection, Dee P; Granato JE; Gibson RS, (Semin US CT MR), 6: 146, 1985

direct visualization of laminar blood flow in abdominal aorta using real-time ultrasound, Paivansalo MJ; Siniluoto TMJ, (JCU), **14:** 135, 1986

early diastolic motion of the posterior aortic root as an index of left ventricular filling, Ambrose JA; King BD; Teichholz LE; et al, (Radiology), 152: 263, 1984

evaluation of frequency dependence of backscatter coefficient in normal and atherosclerotic aortic walls, Landini L; Sarnelli R; Picano E; et al, (Ultrasound Med Biol), 12: 397, 1986

inflammatory aortic aneurysm (periaortic fibrosis): radiologic imaging, Cullenward MJ; Scanlan KA; Pozniak MA; Acher CA, (Radiology), 159: 75, 1986

noninvasive diagnosis of neonatal coarctation and associated anomalies using two-dimensional echocardiography, Duncan WJ; Ninomiya K; Cook DH; et al. (Radiology), 151: 548, 1984

noninvasive diagnosis of right cervical aortic arch, D'Cruz IA; Stanley A; Vitullo D; et al, (Radiology), **151**: 274, 1984

sonographic examination of the abdominal aorta through the left flank: prospective study, Steiner E; Rubens D; Weiss SL; et al, (J Ultrasound Med.), 5: 499, 1986

value of oblique scans in the ultrasonic examination of the abdominal aorta, Creagh-Barry M; Adam EJ; Joseph AEA, (Clin Radiol), 37: 239, 1986

#### Aortic valve, calcification

sensitivity and specificity of two-dimensional echocardiography in the detection of valvular calcification, Wong M; Tei C; Shah PM, (Radiology), 152: 562, 1984

#### Aortic valve, diseases

aortic root abscess resulting from endocarditis: spectrum of angiographic findings, Miller SW; Dinsmore RE, (Radiology), 153:

detailed analysis of aortic valve endocarditis: comparison of precordial, esophageal and epicardial two-dimensional echocardiography with surgical findings, Gussenhoven EJ; van Herwerden LA; Roelandt J; et al. (JCU), 14: 209, 1986

echocardiographic findings of a tumor-like dysplasia of the aortic valve in an infant, Minami K; Tatsuta N; Matsuda K, (J Ultrasound Med), 4: 207, 1985

#### Aortic valve, grafts and prostheses

aortic root abscess resulting from endocarditis: spectrum of angiographic findings, Miller SW; Dinsmore RE, (Radiology), 153:

progressive thoracic aortic dilatation after aortic valve replacement, Nancarrow PA; Higgins CB, (AJR), 142: 669, 1984

### Aortic valve, prostheses

See Aortic valve, grafts and prostheses

### Aortic valve, regurgitation

accuracy of evaluation of the presence and severity of aortic and mitral regurgitation by contrast 2-dimensional echocardiography, Reid CL; Kawanishi DT; McKay CR; et al, (Radiology), 152: 563, 1984

aortic root abscess resulting from endocarditis: spectrum of angiographic findings, Miller SW; Dinsmore RE, (Radiology), 153: 357, 1984

#### Aortic valve, US studies

accuracy of evaluation of the presence and severity of aortic and mitral regurgitation by contrast 2-dimensional echocardiography, Reid CL; Kawanishi DT; McKay CR; et al, (Radiology), 152: 563, 1984

(Radiology), 122: 363, 1364
new indexes for assessing aortic regurgitation
with two-dimensional Doppler
echocardiographic measurement of the
regurgitant aortic valvular area, Veyrat C;
Lessana A; Abitol G; et al, (Radiology), 152:
264, 1984

radiology of aortoarteritis, Liu YQ, (Radiol Clin North Am), 23: 671, 1985

Takayasu arteritis: radiographic and angiographic findings in 59 patients, Yamato M; Lecky JW; Hiramatsu K; Kohda E, (Radiology), **161**: 329, 1986

# Aortography

antegrade translumbar aortography, Grollman JH Jr; Marcus R, (Radiology), **153**: 249, 1984

comparison of NMR imaging and aortography for preoperative evaluation of abdominal aortic aneurysm, Evancho AM; Osbakken M; Weidner W, (Radiology), 156: 862, 1985

Weidner W. (Radiology), 156: 862, 1985 intravenous digital subtraction aortography in the preoperative and postoperative evaluation of Marfan's aortic disease, Detrano R. Moodie DS; Gill CC; et al, (Radiology), 158: 573, 1986

place of abdominal aortography in abdominal aortic aneurysm resection, Couch NP; O'Mahony J; McIrvine A; et al, (Radiology), 151: 820, 1984

reduced vasoconstrictor response after angioplasty in normal rabbit aortas, Wolf GL; Lentini EA; LeVeen RF, (AJR), 142: 1023, 1984

thoracic aortic rupture: advantages of intraarterial digital subtraction angiography, Mirvis SE; Pais SO; Gens DR, (AJR), 146: 987, 1986

traumatic laceration of the ascending aorta: angiographic assessment, Lundell CJ; Quinn MF; Finck EJ, (AJR), 145: 715, 1985

# Aortography, contrast media

contrast media for angiography: effect on renal function. Cruz C; Hricak H; Samhouri F; Smith RF; Eyler WR; Levin NW, (Radiology), 158: 109, 1986

optimal concentration of contrast medium for aortography and femoral arteriography: comparison of Hexabrix 320 and Hexabr 250, Grainger RG, (Clin Radiol), 37: 281, 1986

Aortography, technology

ortography, technology translumbar catheter redirection using a tip-deflector technique, van Schaik JPJ; Hawkins IF Jr, (Radiology), 155: 829, 1985

Aphasia

anatomic basis of pure alexia, Damasio AR; Damasio H, (Radiology), 152: 855, 1984 anatomic basis of transcortical motor asphasia, Freedman M; Alexander MP; Naeser MA, (Radiology), 153: 854, 1984

(Radiology), 153: 854, 1984 aphasia following pluridirectional tomography with metrizamide: effect of patient position, Butler MJ; Cornell SH; Damasio AR, (Radiology), 156: 278, 1985 longitudinal study of speech fluency in aphasia: CT correlates of recovery and persistent nonfluency, Knopman DS; Selnes OA; Niccum N; et al, (Radiology), 151: 825, 1984

acute appendicitis presenting as acute left scrotal pain: diagnostic considerations, Wilkins SA Jr; Holder LE; Raiker RV; et al, (Radiology), 158: 568, 1986

acute appendicitis: US evaluation using graded compression, Puylaert JBCM, (Radiology), 158: 355, 1986

appendiceal abscess in pregnancy: diagnosis by ultrasound, Coady DJ; Snyder JR; Subramanyam B, (JCU), 14: 70, 1986

appendiceal filling by double-contrast barium enema, Harding JA; Glick SN; Teplick SK; et al., (Gastrointest Radiol), 11: 105, 1986

barium enema in appendicitis: spectrum of appearances and pitfalls, Rice RP; Thompson WM; Fedyshin PJ; Merten DF; Kelvin FM; Williford ME, (Radiographics), 4: 393, 1984

coiled-spring sign of the cecum in acute appendicitis, Demos TC; Flisak ME, (AJR), 146: 45, 1986

complicated case of appendicitis, Jones A, (Clin Radiol), 37: 407, 1986

CT appearance of appendicitis and its local complications, Gale ME; Birnbaum S; Gerzof SG; et al, (JCAT), 9: 34, 1985

Gerzor Sc.; et al., (JCA1), 9: -34, 1985 CT of appendicitis, Balthazar EJ; Megibow AJ; Hulnick D; et al. (AJR), 147: 705, 1986 epiploic appendicitis: CT characteristics, Danielson K; Chernin MM; Amberg JR; et al., (JCAT), 10: 142, 1986

nonspecificity of barium enema findings in

acute appendicitis, Fedyshin PJ; Kelvin FM; Rice RP, (AJR), 143: 99, 1984

nonsurgical drainage of appendiceal abscesses, Nunez D Jr; Huber JS; Yrizarry JM; et al, (AJR), 146: 587, 1986

Appendix

appendiceal filling by double-contrast barium enema, Harding JA; Glick SN; Teplick SK; et al. (Gastrointest Radiol), **11**: 105, 1986

displacement of the appendix in intussusception, Gilsanz V, (AJR), 142: 407,

muccele of the appendix and pseudomyxoma peritonei, Dachman AH; Lichtenstein JE; Friedman AC, (AJR), 144: 923, 1985

myxoglobulosis of the appendix, Alcalay J; Alkalay L; Lorent T, (Radiology), 157: 565,

radiographic features of appendiceal colic in children, Schisgall RM, (Pediatr Radiol), 16: 392, 1986

ultrasonographic findings in diseases of the appendix, Parulekar SG, (Radiology), **150**: 298, 1984

Appendix, abscess

CT in the management of periappendiceal abscess, Barakos JA; Jeffrey RB Jr; Federle MP; et al. (AJR), 146: 1161, 1986

massive hemorrhage into a periappendiceal abscess: case report, Gould RJ; Crampton AR; Schwartz D; et al, (Cardiovasc Intervent Radiol), 9: 25, 1986

nonsurgical drainage of appendiceal abscesses, Nunez D Jr; Huber JS; Yrizarry JM; et al, (AJR), **146**: 587, 1986

Appendix, CT

CT of appendicitis, Balthazar EJ; Megibow AJ; Hulnick D; et al, (AJR), 147: 705, 1986

Appendix, diverticula

diverticulosis of the vermiform appendix, Buffo GC; Clair MR; Bonheim P, (Gastrointest Radiol), 11: 108, 1986

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Appendix, intussusception

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intussusception, Levine M5; Trenkner SW;
Herlinger H; Mishkin JD; Reynolds JC,
(Radiology), 155: 41, 1985

Appendix, neoplasms

omputed tomography of mucin-producing adenocarcinoma of the appendix presenting as a bladder tumor, Skaane P; Isachsen MM; Hoiseth A, (JCAT), 9: 566, 1985

CT and sonography in the recognition of mucocele of the appendix, Horgan JG; Chow PP; Richter JO; et al, (AJR), 143: 959, 1984

Appendix, US studies

acute appendicitis: US evaluation using graded compression, Puylaert JBCM, (Radiology), 158: 355, 1986

mesenteric adenitis and acute terminal ileitis: US evaluation using graded compression, Puylaert JBCM, (Radiology), **161**: 691, 1986

sonographic appearance of mucocele of the appendix, Athey PA; Hacken JB; Estrada R, (Radiology), 155: 862, 1985

Arachnoid

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Arachnoid, CT

suprasellar arachnoid cysts: 1. CT recognition, Gentry LR; Smoker WRK; Turski PA; et al, (AJNR), 7: 79, 1986

Arachnoid, cysts

arachnoid cyst of the quadrigeminal plate cistern: report of two cases, Choi SK; Starshak RJ; Meyer GA; et al, (AJNR), 7: 725,

magnetic resonance imaging of arachnoid cysts destroying the sacrum, Sundaram M; Awwad EE, (AJR), 146: 359, 1986

prenatal sonographic diagnosis of suprasellar arachnoid cyst, Diakoumakis EE; Weinberg B; Mollin J, (J Ultrasound Med), 5: 529, 1986

suprasellar arachnoid cysts: 1. CT recognition, Gentry LR; Smoker WRK; Turski PA; et al, (AJNR), 7: 79, 1986

suprasellar arachnoid cysts: 2. evaluation of CSF dynamics, Gentry LR; Menezes AH; Turski PA; et al, (AJNR), 7: 87, 1986

Arachnoid, hemorrhage acute subarachnoid hemorrhage: in vitro comparison of magnetic resonance and computed tomography, Chakeres DW; Bryan RN, (AJNR), 7: 223, 1986

delayed spinal subarachnoid hematoma: rare complication of C1-C2 cervical myelography, Abla AA, Rothfus WE; Maroon JC; et al. (AJNR), 7: 526, 1986

Arachnoid, inflammation

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Arachnoiditis

arachnoiditis from myelography and laminectomy in experimental animals, Johansen JG; Barthelemy CR; Haughton VM; et al. (AJNR), 5: 97, 1984

case report: computed tomography findings in spinal arachnoiditis ossificans, Sefczek RJ; Deeb ZL, (Radiology), **151**: 830, 1984 CT recognition of thorotrast-induced intracranial and lumbar arachnoiditis, Kaplan AW; Teng SS; Koo AH, (AJNR), 5: 323, 1984

**Armed Forces Institute of Pathology** first distinguished scientist, Department of Radiologic Pathology, Armed Forces Institute of Pathology, Hartman DS, (Radiology), **156**: 549, 1985

second Distinguished Scientist, Department of Radiologic Pathology, Armed Forces Institute of Pathology, Hartman DS, (Radiology), 160: 277, 1986

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Arteries, abnormalities

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Arteries, aspiration thromboembolectomy

percutaneous aspiration thromboembolectomy, Starck EE; McDermott JC; Crummy AB; Turnipseed WD; Acher CW; Burgess JH, (Radiology), 156: 61, 1985

Arteries, basilar

arterial compression of the fifth cranial nerve causing trigeminal neuralgia: angiographic findings, de Lange EE; Vielvoye GJ; Voormolen JHC, (Radiology), 158: 721, 1986

computed tomographic diagnosis of basilar artery ectasia, Mendelsohn DB; Hertzanu Y; Glass RBJ; et al, (Radiology), **152**: 556, 1984

high-resolution computed tomography of the basilar artery: 1. normal size and position, Smoker WRK; Price MJ; Keyes WD; et al, (AJNR), 7: 55, 1986

high-resolution computed tomography of the basilar artery: 2. vertebrobasilar dolichoectasia: clinical-pathologic correlation and review, Smoker WRK; Corbett JJ; Gentry LR; et al, (AJNR), 7: 61, 1986

septic saddle embolus causing basilar artery rupture without mycotic aneurysm, Yock DH Jr, (AJNR), 5: 822, 1984

ultrasound diagnosis applied to the vertebrobasilar system: II. transnuchal diagnosis of intracranial vertebrobasilar stenoses using a novel pulsed Doppler system, Ringelstein EB, (Radiology), 157: 862, 1985

Arteries, brachiocephalic

See Arteries, innominate

Arteries, bronchial

bronchial artery embolization in the management of hemoptysis: technical aspects and long-term results, Uflacker R; Kaemmerer A; Picon PD; Rizzon CFC; Neves CMC; Oliveira ESB; Oliveira MEM; Azevedo SNB; Ossanai R, (Radiology), 157: 637, 1985

surgery for pulmonary aspergilloma: preoperative embolization of the bronchial circulation, Hughes CF; Waugh R; Lindsay D, (Radiology), 161: 574, 1986

Arteries, calcification

breast arterial calcification in association with diabetes mellitus: weak correlation, Sickles EA; Galvin HB, (Radiology), 155: 577,

generalized arterial calcification of infancy: referanced afterial calcification of infancy: three case reports, including spontaneous regression with long-term survival, Sholler GF; Yu JS; Bale PM; et al, (Radiology), 155: 278, 1985

idiopathic infantile arterial calcification: a case report and review of the literature, Maayan C; Peleg O; Eyal F; et al, (Radiology), **155**: 553, 1985

morphology, progression, and regression of arterial and periarterial calcifications in patients with end-stage renal disease, Meema HE; Oreopoulos DG, (Radiology), 158: 671, 1986

sonographic recognition of idiopathic arterial calcification of infancy, Rosenbaum DM; Blumhagen JD, (AJR), 146: 249, 1986

vascular calcification in types II and IV hyperlipoproteinemia: radiographic appearance and clinical significance, Dinsmore RE; Lees RS, (AJR), 144: 895, 1985

Arteries, carotid

See Carotid arteries Arteries, celiac

low-dose streptokinase in the treatment of celiac and superior mesenteric artery occlusion, Pillari G; Doscher W; Fierstein J; et al, (Radiology), **152**: 552, 1984

Arteries, cerebellar

arterial compression of the fifth cranial nerve causing trigeminal neuralgia: angiographic findings, de Lange EE; Vielvoye GJ; Voormolen JHC, (Radiology), 158: 721, 1986

computed tomography of anterior inferior cerebellar artery aneurysm mimicking an acoustic neuroma, Dalley RW; Robertson WD; Nugent RA; et al, (JCAT), 10: 881, 1986

Arteries, CT

comparison of computed tomography and aortography in abdominal aortic aneurysms Andersen PE Jr; Lorentzen JE, (Radiology),

computed tomographic diagnosis of basilar artery ectasia, Mendelsohn DB; Hertzanu Y; Glass RBJ; et al, (Radiology), **152**: 556, 1984

CT demonstration of aneurysm of a persistent sciatic artery, Wilms G; Storme L; Vandaele L; et al, (JCAT), 10: 524, 1986

high-resolution computed tomography of the basilar artery: 1. normal size and position, Smoker WRK; Price MJ; Keyes WD; et al, (A)NR), 7: 55, 1986

high-resolution computed tomography of the basilar artery: 2. vertebrobasilar dolichoectasia: clinical-pathologic correlation and review, Smoker WRK; Corbett JJ; Gentry LR; et al, (AJNR), 7: 61,

popliteal artery entrapment demonstrated by CT, Muller N; Morris DC; Nichols DM, (Radiology), 151: 157, 1984

#### Arteries, cystic

adventitial cyst of the popliteal artery: CT-guided percutaneous aspiration, Wilbur AC; Spigos DG, (JCAT), 10: 161, 1986

cystic adventitial degeneration of the popliteal artery: CT demonstration and directed percutaneous therapy, Deutsch AL; Hyde J; Miller SM; et al, (AJR), 145: 117, 1985

#### Arteries, epigastric

"inverted V" sign of pneumoperitoneum, Bray JF, (Radiology), **151**: **45**, 1984

#### Arteries, extremities

acute peripheral arterial and graft occlusion: treatment with selective infusion of urokinase and lysyl plasminogen, Pernes JM; Vitoux JF; Brenoit P; Raynaud A; Parola JL; Roth JP; Angel CY; Fiessinger JN; Roncato M; Gaux JC, (Radiology), 158: 481,

adventitial cystic disease of the popliteal artery, Wilbur AC; Woelfel GF; Meyer JP; Flanigan DP; Spigos DG, (Radiology), 155: 63, 1985

antegrade catheterization of the superficial femoral artery, Saddekni S; Srur M; Cohn DJ; Rozenblit G; Wetter EB; Sos TA, (Radiology), **157**: 531, 1985

antegrade selective catheterization of the superficial femoral artery using a movable-core guide wire, Bishop AF; Berkman WA; Palagallo GL, (Radiology), 157: 548, 1985

arterial blood-flow waveform measurement in intact animals: new digital radiographic technique, Swanson DK; Myerowitz PD; Hegge JO; Watson KM, (Radiology), 161: 323, 1986

balloon embolectomy catheter used percutaneously, Zimmerman JJ; Cipriano PR; Hayden WG; Fogarty TJ, (Radiology), **158**: 260, 1986

balloon embolectomy catheter used percutaneously, McDermott JC; Crummy AB; Starck EE, (Radiology), 160: 279, 1986

balloon embolectomy catheter used percutaneously: reply, Cipriano PR, (Radiology), 160: 279, 1986

case report 374, Stein E, (Skeletal Radiol), **15**: 391, 1986

comparison of the costs of vascular surgery and balloon dilatation in lower limb ischaemic disease, Jeans WD; Danton RM; Baird RN; et al., (Br J Radiol), 59: 453, 1986

complications of intraarterial urokinase-lys-plasminogen infusion therapy in arterial ischemia of lower limbs, Fiessinger J-N; Vitoux J-F; Pernes J-M; et al, (AJR), 146: 157,

complications of transluminal angioplasty, Gardiner GA Jr; Meyerovitz MF; Stokes KR; Clouse ME; Harrington DP; Bettmann MA, (Radiology), **159**: 201, 1986

cystic adventitial degeneration of the popliteal artery: CT demonstration and directed percutaneous therapy, Deutsch AL; Hyde J; Miller SM; et al., (AJR), 145: 117, 1985

digital subtraction angiography of the extremities using table translation, Foley WD; McDaniel D; Milde MW; Bell R, (Radiology), 157: 255, 1985

evaluation of intravenous radionuclide disease of the iliac arteries, Hartling OJ; Hoilund-Carlsen PF; Hesse B; et al, (Radiology), 155: 287, 1985 fibrinolysis in chronic arteriosclerotic occlusions: intrathrombotic injections of streptokinase. work in progress, Lammer J; Pilger E; Justich E; Neumayer K; Schreyer H, (Radiology), **157**: **45**, 1985

iliac artery occlusion: management with intrathrombus streptokinase infusion and angioplasty, Auster M; Kadir S; Mitchell SE; Williams GM; Perler BA; Chang R; White RI Jr, (Radiology), 153: 385, 1984

iliac artery-ureteral fistula developing after dilatation and stent placement, Adams PS Jr, (Radiology), 153: 647, 1984

in situ saphenous vein bypass grafts: angiographic evaluation and interventional repair of complications, Kinnison ML; Perler BA, Kaufman SL; Mitchell SE; Kadir S; Williams GM; White RI Jr, (Radiology), 160: 727, 1986

large-vessel arterial occlusive disease in symptomatic upper extremity, Harris RW; Andros G; Dulawa LB; et al, (Radiology),

low-dose fibrinolytic therapy in hand ischemia, Tisnado J; Bartol DT; Cho S-R; Vines FS; Beachley MC; Fields WR, (Radiology), **150**: 375, 1984

methysergide-induced lower extremity arterial insufficiency, Dorne HL; Satin R, (J Canad Assoc Radiol), 37: 210, 1986

morphology, progression, and regression of arterial and periarterial calcifications in patients with end-stage renal disease, Meema HE; Oreopoulos DG, (Radiology), 158: 671, 1986

MR gated subtraction angiography: evaluation of lower extremities, Meuli RA; Wedeen VJ; Geller SC; Edelman RR; Frank LR; Brady TJ; Rosen BR, (Radiology), 159: 411, 1986

new antegrade femoral artery catheter needle set, Kikkawa K, (Radiology), 151: 798, 1984

newly devised long sheath for transfemoral angiography, Nakamura H; Oi H, (Radiology), 155: 828, 1985

obliterative angiopathy of the digital arteries of the finger in the vibration syndrome, Leyhe A, (Radiology), **159**: 822, 1986

occlusive digital artery disease in patients with Raynaud's phenomenon, Zweifler AJ; Trinkaus P, (Radiology), **156**: 269, 1985

percutaneous angioscopy, work in progress, Ferris EJ; Ledor K; ben-Avi DD; Baker ML; Robbins KV; McCowan TC; Sharma B, (Radiology), 157: 319, 1985

percutaneous aspiration thromboembolectomy, Starck EE; McDermott JC; Crummy AB; Turnipseed WD; Acher CW; Burgess JH, (Radiology), 156: 61, 1985

percutaneous brachial artery catheterization, Lipchik EO; Sugimoto H, (Radiology), **160**: 842, 1986

percutaneous transluminal angioplasty following endarterectomy, Tisnado J; Vines FS; Barnes RW; Beachley MC; Cho S-R, (Radiology), **152**: 361, 1984

percutaneous transluminal angioplasty for arterial disease of the lower extremities, Katzen BT, (AJR), 142: 23, 1984

percutaneous transluminal angioplasty of the femoropopliteal artery: initial and long-term results, Krepel VM; van Andel GJ; van Erp WFM; Breslau PJ, (Radiology), 156: 325, 1985

percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, (Radiology), 150: 363, 1984

percutaneous transluminal dilatation of the iliac artery: long-term results, van Andel GJ; van Erp WFM; Krepel VM; Breslau PJ, (Radiology), **156**: 321, 1985

peripheral vascular disease: prospective study of intraarterial digital subtraction angiography using a 9-inch intensifier, Garvey CJ; Wilkins RA; Lewis JD, (Radiology), 159: 423, 1986

popliteal artery entrapment demonstrated by CT, Muller N; Morris DC; Nichols DM, (Radiology), 151: 157, 1984

prospective assessment of the aorto-iliac segment by visual interpretation of frequency analyzed Doppler wave-forms—comparison with arteriography, Walton L; Martin TRP; Collins M, (Radiology), 152: 867, 1984

system for rapid analysis of the femoral blood velocity waveform at the bedside, Capper WL; Amoore JN; Clifford PC; et al, (Ultrasound Med Biol), 12: 31, 1986

transfemoral catheterization: mechanical versus manual control of bleeding, Semler HJ, (Radiology), 154: 234, 1985

trauma of the extremities: prospective comparison of digital and conventional angiography, Sibbitt RR; Palmaz JC; Garcia F; Reuter SR, (Radiology), 160: 179,

unusual angiographic appearance of aorto-iliac disease presenting as the Leriche syndrome, Patel M; Waxman P; Rozenblit A; et al, (Radiology), 156: 269, 1985

vascular trauma to the extremities and lower iscular trauma to the extremities and tower neck: initial assessment with intravenous digital subtraction angiography, Gavant ML; Gold RE; Fabian TC; Tonkin ILD, (Radiology), 158: 755, 1986

#### Arteries, femoral

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Doppler ultrasound assessment of the femoro-popliteal segment: comparison of different methods using ROC curve analysis, Baker AR; Prytherch DR; Evans DH; et al, (Ultrasound Med Biol), 12: 473, 1986

guided direct antegrade puncture of the superficial femoral artery, Berman HL; Katz SG; Tihansky DP, (AJR), 147: 632, 1986 long-term results of superficial femoral artery angioplasty, Hewes RC; White RI Jr; Murray RR; et al, (AJR), 146: 1025, 1986

optimal concentration of contrast medium for

aortography and femoral arteriography: comparison of Hexabrix 320 and Hexabrix 250, Grainger RG, (Clin Radiol), 37: 281,

quantitative pulsed Doppler measurement of common femoral artery blood flow variables during postoculusive reactive hyperemia, Marquis C; Meister J-J; Mooser E; etal, (JCU), 14: 165, 1986

road map application to the pulseless common femoral artery, McDermott JC; Starck EE; Crummy AB, (Cardiovasc Intervent Radiol), 9: 109, 1986

scintigraphic detection of bleeding after transfemoral arteriography, using technetium-99m labeled RBCs, Gips S; Israel O, (Clin Nucl Med), 11: 669, 1986

# Arteries, flow dynamics

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detection of an asymptomatic gastroduodenal artery aneurysm by real-time an d pulsed Doppler sonography, Dufresne M-P; Dubuc G; Nicolet V; et al, (J Canad Assoc Radiol), 37: 40, 1986

Arteries, grafts and prostheses

acute peripheral arterial and graft occlusion: treatment with selective infusion of urokinase and lysyl plasminogen,
Pernes JM, Vitoux JF; Brenoit P; Raynaud A;
Parola JL; Roth JP; Angel CY; Fiessinger JN;
Roncato M; Gaux JC, (Radiology), 158: 481,

in situ saphenous vein bypass grafts: angiographic evaluation and interventional repair of complications, Kinnison ML; Perler BA; Kaufman SL; Mitchell SE; Kadir S; Williams GM; White RI Jr, (Radiology), 160: 727, 1986

percutaneous arterial grafting, Cragg AH; Lund G; Rysavy JA; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, (Radiology), 150: 45, 1984

percutaneous endovascular stents: experimental evaluation, Wright KC; Wallace S; Charnsangavej C; Carrasco CH; Gianturco C, (Radiology), 156: 69, 1985

saphenous vein graft aneurysms demonstrated by computed tomography, Yousem DM; Scott W Jr; Fishman EK; et al, (JCAT), 10: 526, 1986

sonography of axillofemoral and femorofemoral subcutaneous arterial bypass grafts, Gooding GAW; Effeney DJ, (AJR), 144: 1005, 1985

# Arteries, hepatic

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Arteries, hypogastric

transluminal angioplasty of the hypogastric artery for treatment of buttock claudication, Morse SS; Cambria R; Strauss EB; et al, (Cardiovasc Intervent Radiol), 9: 136, 1986

#### Arteries, ileocolic

retrieval of coil after unintentional embolization of ileocolic artery, Vujic I; Moore L; McWey RE, (Radiology), 160: 563,

#### Arteries, iliac

See also Arteries, extremities

percutaneous transluminal angioplasty in the region of the aortic bifurcation: the two-balloon technique with results and long-term follow-up study, Tegtmeyer CJ; Kellum CD; Kron IL; Mentzer RM Jr, (Radiology), 157: 661, 1985

transluminal angioplasty of complete iliac obstructions, Colapinto RF; Stronell RD; Johnston WK, (AJR), 146: 859, 1986

treatment of angioplasty-related iliac-artery rupture without bypass surgery (case report), Villarica J; Gross RC, (AJR), 147: 389, 1986

#### Arteries, inflammation

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#### Arteries, injuries

arterial trauma: diagnostic and therapeutic angiography, Sclafani SJA; Cooper R; Shaftan GW; Goldstein AS; Glanz S; Gordon DH, (Radiology), 161: 165, 1986

dissection complicating angioplasty, Gardiner GA Jr; Meyerovitz MF; Harrington DP; et al, (AJR), **145**: 627, 1985 iatrogenic injuries of arteries in infants,

Perry MO, (Radiology), 152: 256, 1984 iliac artery rupture during transluminal angioplasty: treatment by embolization and surgical bypass, Jensen SR; Voegeli DR; Crummy AB; et al. (AJR), 145: 381, 1985

proximal tibial physis fracture and popliteal artery injury, Rivero H; Bolden R; Young LW, (Radiology), **150**: 390, 1984

trauma of the extremities: prospective comparison of digital and conventional angiography, Sibbitt RR; Palmaz JC; Garcia F; Reuter SR, (Radiology), **160**: 179,

vascular trauma to the extremities and lower neck: initial assessment with intravenous digital subtraction angiography, Gavant ML; Gold RE; Fabian TC; Tonkin ILD, (Radiology), 158: 755, 1986

#### Arteries, innominate

brachiocephalic artery dilation by percutaneous transluminal angioplasty, Vitek JJ; Keller FS; Duvall ER; Gupta KL; Chandra-Sekar B, (Radiology), **158**: 779, 1986

innominate artery angioplasty, Vitek JJ; Raymon BC; Oh SJ, (AJNR), 5: 113, 1984

penetrating vascular injuries of the face and neck: clinical and angiographic correlation, North CM; Ahmadi J; Segall HD; et al, (AJNR), 7: 855, 1986

percutaneous transluminal angioplasty for treatment of subclavian steal, Motarjeme A; Keifer JW; Zuska AJ; Nabawi P, (Radiology), 155: 611, 1985

thoracic outlet syndrome: review and reference to stroke in a major league pitcher, Fields WS; Lemak NA; Ben-Menachem Y, (AJNR), 7: 73, 1986

washout" technique for brachiocephalic angioplasty, Derauf BJ; Erickson DL; Castaneda-Zuniga WR; et al, (AJR), 146: 849, 1986

### Arteries, mammary

value of ultrasound in localizing the internal mammary vessels, Bruneton JN; Dalfin FY; Caramella E; et al, (Eur J Radiol), 6: 142, 1986

#### Arteries, mesenterio

importance of mesenteric vascular insufficiency in meconium peritonitis, Tibboel D; Gaillard JLJ; Molenaar JC, (Radiology), **161**: 858, 1986

low-dose streptokinase in the treatment of celiac and superior mesenteric artery occlusion, Pillari G; Doscher W; Fierstein J; et al, (Radiology), 152: 552, 1984

prostaglandins in diagnostic and therapeutic pharmacoangiography, Burgener FA; Gutierrez OH, (Invest Radiol), 21: 210, 1986

#### Arteries, MR studies

echo planar imaging of normal and abnormal connections of the heart and great arteries, Chrispin A; Small P; Rutter N; et al, (Pediatr Radiol), 16: 289, 1986

magnetic resonance applications in atherosclerotic vascular disease, Wesbey GE; Higgins CB; Hale JD; et al, (Cardiovasc Intervent Radiol), 8: 342, 1986

MRI of angiographically occult vascular malformations, Lemme-Plaghos L; Kucharczyk W; Brant-Zawadzki M; et al, (AJR), 146: 1223, 1986

nuclear magnetic resonance imaging of atherosclerosis, Higgins CB; Herfkens RJ; Hricak H; et al, (Radiographics), 4: 137, 1984

nuclear magnetic resonance: principles of blood flow imaging, Mills CM; Brant-Zawadzki M; Crooks LE; et al, (AJR), 142: 165, 1984

peripheral vascular disease: correlation of MR imaging and angiography, Wesbey GE; Higgins CB; Amparo EG; Hale JD; Kaulman L; Pogany AC, (Radiology), 156: 733, 1985

proton relaxation times in arterial wall and atheromatous lesions in man, Soila K; Nummi P; Ekfors T; et al, (Invest Radiol), 21:

vascular imaging with MRI: inadequacy in Takayasu's arteritis compared with angiography, Miller DL, Reinig JW; Volkman DJ, (AJR), 146: 949, 1986

#### Arteries, peripheral

contrast media hyperemia and Doppler measurements in peripheral arterial disease Lipchik EO; Ogren C, (AJR), **142**: 133, 1984

cost incentives for peripheral angioplasty, Kinnison ML; White RI Jr; Bowers WP; et al, (AJR), 145: 1241, 1985

(A)(K), 148: 1241, 1969
recombinant human tissue-type plasminogen activator for thrombolysis in peripheral arteries and bypass grafts, Risius B;
Graor RA; Geisninger MA; Zelch MG;
Lucas FV; Young JR; Grossbard EB,
(Radiology), 160: 183, 1986

tailored approach for evaluation of peripheral vascular disease: intravenous digital subtraction angiography, Kinnison ML; Perler BA; White RI Jr; et al, (AJR), 142: 1205, 1984

thrombolysis of peripheral arterial and graft occlusions: improved results using high-dose urokinase, McNamara TO; Fischer JR, (AJR), 144: 769, 1985

#### Arteries, popliteal

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Doppler ultrasound assessment of the femoropoplieta litrasound assessment of the Femoro poplietal segment: comparison of different methods using ROC curve analysis, Baker AR; Prytherch DR; Evans DH; et al, (Ultrasound Med Biol), 12: 473, 1986

persistent plaque following successful angioplasty: demonstration by Doppler duplex, Rosner NH; Doris PE, (J Ultrasound Med), 5: 107, 1986

popliteal artery entrapment: importance of the stress runoff for diagnosis, Greenwood LH; Yrizarry JM; Hallett JW Jr. (Cardiovasc Intervent Radiol), 9: 93, 1986

popliteal artery entrapment syndrome. report of 2 cases, Jeffery PC; Immelman EJ; Harries-Jones P, (Radiology), **158**: 574, 1986

### Arteries, prostheses

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# Arteries, pudendal

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percutaneous temporary embolization of the internal pudendal arteries in idiopathic priapism: 2 additional cases, Belgrano E; Puppo P, Quuttrini S; et al, (Radiology), 153: 848, 1984

treatment of priapism by transcatheter embolization of internal pudendal arteries, Puppo P; Belgrano E; Quattrini S; et al, (Radiology), 152: 253, 1984

# Arteries, pulmonary

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# Arteries, radionuclide studies

rteries, radionucide studies hepatic arterial perfusion scintigraphy with Tc-99m-MAA: use of a totally implanted drug delivery system, Ziessman HA; Thrall JH; Yang PJ; Walker SC; Cozzi EA; Niederhuber JE; Gyves JW; Ensminger WD; Tuscan MC, (Radiology), 152: 167, 1984

leg perfusion evaluated by delayed administration of thallium-201, Burt RW; Mullinix FM; Schauwecker DS; Richmond BD, (Radiology), 151: 219, 1984

utility of SPECT for 99mTc-MAA hepatic arterial perfusion scintigraphy, Ziessman HA; Wahl RL; Juni JE; et al, (AJR),

#### Arteries, renal

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#### Arteries, sacral

middle sacral arteriography: diagnostic and therapeutic implications, Kudo S; Chuang VP; Wallace S; Bechtel WJ; Mir S, (Radiology), 151: 65, 1984

#### Arteries, sciatic

CT demonstration of aneurysm of a persistent sciatic artery, Wilms G; Storme L; Vandaele L; et al, (JCAT), 10: 524, 1986

persistent sciatic artery: clinical, embryologic, and angiographic features, Mandell VS; Jaques PF; Delany DJ; et al, (AJR), 144: 245, 1985

persistent sciatic artery. report of three cases and literature review, Freeman MP; Tisnado J; Cho S-R, (Br J Radiol), 59: 217,

# Arteries, spinal

intra-arterial digital subtraction angiography of the spinal cord, Yeates AE; Drayer BP; Heinz ER; Osborne D, (Radiology), 155: 387,

lateral spinal artery of the upper cervical spinal cord: anatomy, normal variations, and angiographic aspects, Lasjaunias P; Vallee B; Person H; et al, (Radiology), 160: 861, 1986

spinal arteriovenous malformations: advances in therapeutic embolization, Theron J; Cosgrove R; Melanson D; Ethier R, (Radiology), 158: 163, 1986

spinal Wada test, Doppman JL; Girton ME; Oldfield EH, (Radiology), 161: 319, 1986

# Arteries, splenic

computed tomography follow-up of nonsurgical treatment for hypersplenism, Tihansky DP; Lluncor E, (CT), 10: 227, 1986

# Arteries, stenosis

adductor canal compression syndrome, Verta MJ; Vitello J; Fuller J, (Radiology), **153**: 564, 1984

comparison of the costs of vascular surgery and balloon dilatation in lower limb ischaemic disease, Jeans WD; Danton RM; Baird RN; et al., (Br J Radiol), 59: 453, 1986

complications of intraarterial urokinase-lysplasminogen infusion therapy in arterial ischemia of lower limbs, Fiessinger J-N; Vitoux J-F; Pernes J-M; et al, (AJR), 146: 157,

contrast media hyperemia and Doppler measurements in peripheral arterial disease Lipchik EO; Ogren C, (AJR), **142**: 133, 1984

experimental enhancement of drug uptake using short-term flow occlusion: comparison of balloon and tourniquet techniques, Woods DM; Wright KC; Carrasco CH; et al, (AJR), 146: 375, 1986

fibrinolysis in chronic arteriosclerotic occlusions: intrathrombotic injections of streptokinase. work in progress, Lammer J; Pilger E; Justich E; Neumayer K; Schreyer H, (Radiology), **157**: **45**, 1985

iliac artery occlusion: management with intrathrombus streptokinase infusion and angioplasty, Auster M; Kadir S; Mitchell SE; Williams GM, Perler BA; Chang R; White RI Jr, (Radiology), 153: 385, 1984

innominate artery angioplasty, Vitek JJ; Raymon BC; Oh SJ, (AJNR), 5: 113, 1984

large-vessel arterial occlusive disease in symptomatic upper extremity, Harris RW; Andros G; Dulawa LB; et al, (Radiology), 156: 269, 1985

low-dose streptokinase for selective w-duse streptonials to selective thrombolysis: systemic effects and complications, Graor RA; Risius B; Young JR; Geisinger MA; Zelch MG; Smith JAM; Ruschhaupt WF, (Radiology), 152: 35, 1984

percutaneous recanalization of iliac artery occlusions: an alternative to surgery in the high-risk patient, Pilla TJ; Peterson GJ; Tantana S; et al, (AJR), 143: 313, 1984

- percutaneous transluminal angioplasty following endarterectomy, Tisnado J; Vines FS; Barnes RW; Beachley MC; Cho S-R, (Radiology), 152: 361, 1984
- percutaneous transluminal angioplasty for arterial disease of the lower extremities, Katzen BT, (AJR), 142: 23, 1984
- percutaneous transluminal angioplasty in the region of the aortic bifurcation: the twoballoon technique with results and longterm follow-up study, Tegtmeyer CJ; Kellum CD; Kron IL; Mentzer RM Jr, (Radiology), 157: 661, 1985
- percutaneous transluminal angioplasty of the femoropopliteal artery: initial and long-term results, Krepel VM; van Andel GJ; van Erp WFM; Breslau PJ, (Radiology), 156: 325, 1985
- percutaneous transluminal coronary angioplasty: current procedure and future direction, Hall D; Gruentzig A, (AJR), 142: 13. 1984
- percutaneous transluminal dilatation of the iliac artery: long-term results, van Andel GJ; van Erp WFM; Krepel VM; Breslau PJ, (Radiology), **156**: 321, 1985
- percutaneous transluminal laser angioplasty for treatment of peripheral vascular disease: clinical experience with 16 patients, Cinsburg R; Wexler L; Mitchell RS; Profitt D, (Radiology), 156: 619, 1985
- peripheral arterial disease diagnosed with high-count-rate radionuclide arteriography, Oshima M. Ijima H; Kohda Y; Kuramoto K; Kikuchi Y; Wada M; Akisada M, (Radiology), 152: 161, 1984
- peripheral vascular disease: correlation of MR imaging and angiography, Wesbey GE; Higgins CB; Amparo EG; Hale JD; Kaufman L; Pogany AC, (Radiology), **156**: 733, 1985
- popliteal artery entrapment demonstrated by CT, Muller N; Morris DC; Nichols DM, (Radiology), **151**: 157, 1984
- systemic fibrinolytic effect of low-dose intraarterial streptokinase: observations in 12 patients. work in progress, Rubenfire M; Blevins RD; Cascade PN; Maltzman JB; Goldberg MJ, (Radiology), 152: 41, 1984
- transluminal angioplasty: a mechanical-pathophysiological correlation of its physical mechanisms, Kinney TB; Chin AK; Rurik GW; Finn JC; Shoor PM; Hayden WG; Fogarty TJ, (Radiology), 153: 85. 1984
- unusual angiographic appearance of aorto-iliac disease presenting as the Leriche syndrome, Patel M; Waxman P; Rozenblit A; et al, (Radiology), **156**: 269, 1985

#### Arteries, subclavian

- apical opacity: normal finding on posteroanterior chest radiographs, Proto AV; Chaliff MI, (Radiology), 161: 429, 1986
- doubly curved guide wire for use in the subclavian/vertebral artery system, Horton JA, (Radiology), 157: 262, 1985
- idiopathic multiple systemic aneurysms in a child, Fee H; McGough E, (Radiology), 153: 275, 1984
- invagination of the left subclavian artery into the left upper lobe—normal variant, Austin JHM, (Comput Radiol), **10**: 127, 1986
- massive hemoptysis: control by embolization of the thyrocervical trunk, Moore LB; McWey RE; Vujic I, (Radiology), 161: 173, 1986
- pain in the hand in the presence of mediastinal mass, Hicks IP; Carr DH, (Br J Radiol), 59: 77, 1986
- percutaneous angioscopy. work in progress, Ferris EJ; Ledor K; ben-Avi DD; Baker ML; Robbins KV; McCowan TC; Sharma B, (Radiology), 157: 319, 1985
- percutaneous transluminal angioplasty following endarterectomy, Tisnado J; Vines FS; Barnes RW; Beachley MC; Cho S-R, (Radiology), 152: 361, 1984
- percutaneous transluminal angioplasty for treatment of subclavian steal, Motarjeme A; Keifer JW; Zuska AJ; Nabawi P, (Radiology), 155: 611, 1985
- thoracic outlet syndrome: review and reference to stroke in a major league pitcher, Fields WS; Lemak NA; Ben-Menachem Y, (AJNR), 7: 73, 1986

#### Arteries, surgery

percutaneous transluminal angioplasty following endarterectomy, Tisnado J; Vines FS; Barnes RW; Beachley MC; Cho S-R, (Radiology), 152: 361, 1984

#### Arteries, testicular

resticular arterial perfusion in varicocele: the role of rapid sequence scintigraphy with technetium in varicocele evaluation, Comhaire F; Simons M; Kunnen M; et al, (Radiology), 152: 565, 1984

# Arteries, therapeutic blockade

- absolute ethanol injection of the adrenal artery: hypertensive reaction, Fink IJ; Girton M; Doppman JL, (Radiology), **154**: 357, 1985
- adjusting the polymerization time of isobutyl-2 cyanoacrylate, Spiegel SM; Vinuela FV; Goldwasser JM; et al, (AJNR), 7: 109, 1986
- angiographic follow-up of large cerebral AVMs incompletely embolized with isobutyl-2-cyanoacrylate, Vinuela F; Fox AJ; Pelz D; et al. (AJNR), 7: 919, 1986
- angiomyolipomas in tuberous sclerosis: subselective embolotherapy with alcohol, with long-term follow-up study, Earthman WJ; Mazer MJ; Winfield AC, (Radiology), 160: 437, 1986
- (Radiology), 100: 437, 1366
  arterial chemoembolization of hepatocellular carcinoma with mitomycin C microcapsules, Ohnishi K, Tsuchiya S, Nakayama T; Hiyama Y; Iwama S; Goto N; Takashi M; Ohtsuki T; Kono K; Nakajima Y; Okuda K, (Radiology), 132: 51, 1984
- bile duct necrosis: complication of transcatheter hepatic arterial embolization, Makuuchi M; Sukigara M; Mori T; Kobayashi J; Yamazaki S; Hasegawa H; Moriyama N; Takayasa K; Hirohashi S, (Radiology), 156: 331, 1985
- (nadiology), 196: 331, 1963 bile duct scarring following ethanol embolization of the hepatic artery: an experimental study in monkeys, Doppman JL; Girton ME, (Radiology), 152: 621, 1984
- biliary catheter drainage complicated by hemobilia: treatment by balloon embolotherapy, Mitchell SE; Shuman L; Kaufman SL; Chang R; Kadir S; Kinnison M; White RI Jr, (Radiology), 157: 645, 1985
- white Ki Jr, (Radiology), 157: 645, 1985 bronchial artery embolization in the management of hemoptysis: technical aspects and long-term results, Uflacker R; Kaemmerer A; Picon PD; Rizzon CFC; Neves CMC; Oliveira ESB; Oliveira MEM; Azevedo SNB; Ossanai R, (Radiology), 157: 637, 1985
- carotid body tumors managed with preoperative embolization. report of two cases, Borges LF; Heros RC; Debrun G, (Radiology), 152: 846, 1984
- coil-in-coil technique for vascular embolization, Butto F; Hunter DW; Castaneda-Zuniga WR; Amplatz K, (Radiology), 161: 554, 1986
- (Radiology), 151: 261, 1986 congenital arteriovenous malformations. the role of transcatheter arterial embolization, Gomes AS; Busuttil RW; Baker JD; et al, (Radiology), 151: 261, 1984
- control of carcinoid syndrome with hepatic artery embolization, Mitty HA; Warner RRP; Newman LH; Train JS; Parnes IH, (Radiology), 155: 623, 1985
- detachable steel spring coils for vessel occlusion, Lund G; Rysavy JA; Kotula F; Castaneda-Zuniga WR; Amplatz K, (Radiology), 155: 530, 1985
- dextran microsphere embolization: experimental and clinical experience with radiologic-pathologic correlation. work in progress, Dion JE; Rankin RN; Vinuela F; Fox AJ; Wallace AC; Mervart M, (Radiology), 160: 717, 1986
- diffuse hepatic hemangiomas: percutaneous transcatheter embolization with detachable silicone balloons, Burrows PE; Rosenberg HC; Chuang HS, (Radiology), 156: 85, 1985
- distal splenic artery embolization with a flowdirected balloon catheter, Mazer M; Smith CW; Martin VN, (Radiology), **154**: 245, 1985
- dominant-hemisphere arteriovenous malformations: therapeutic embolization with isobutyl-2-cyanoacrylate, Vinuela FV; Debrun GN; Fox AJ; et al, (Radiology), 152: 552, 1984

- dural malformations with ophthalmic manifestations: results of particulate embolization in seven patients, Grossman RI; Sergott RC; Goldberg HI; et al, (AJNR), 6: 809, 1985
- efficacy of low-dose streptokinase in acute arterial occlusion and graft thrombosis, Kakkasseril JS; Cranley JJ; Arbaugh JJ; et al, (Radiology), 158: 282, 1986
- embolic management of rare hemorrhagic gynecologic and obstetrical conditions, Vujic I; Stanley JH; Gobien RP; et al, (Cardiovasc Intervent Radiol), 9: 69, 1986
- embolisation in small bowel haemorrhage, Chalmers AG; Robinson PJ; Chapman AH, (Clin Radiol), 37: 379, 1986
- embolism detection and prevention using scintigraphy during therapeutic arterial blockade, Seo HS; Surui S; Kokubo T; Yashiro N; Nishikawa J; Itai Y; Iio M, (Radiology), 157: 815, 1985
- embolization of small vessels with a doublelumen microballoon catheter. part I: design and construction, ApSimon HT; Hartley DE, (Radiology), 151: 55, 1984
- embolization of small vessels with a doublelumen microballoon catheter. part II. laboratory, animal, and histological studies. work in progress, ApSimon HT; Hartley DE; Maddren L; Harper C, (Radiology), 151: 59, 1984
- embolization of visceral arteriovenous fistulas with a modified steel wire technique, Kim D; Guthaner DF; Walter JF; et al, (AJR), 142: 1215, 1984
- embolotherapy in vascular disease White RI Jr, (AJR), 142: 27, 1984
- ethanol for hepatic artery embolization, Wallace S; Charnsangavej C; Carrasco CH; Bechtel WJ, (Radiology), **152**: 821, 1984
- experimental evaluation of microcapsules for arterial chemoembolization, Bechtel W; Wright KC; Wallace S; Moiser B; Mosier D; Mir S; Kudo S, (Radiology), 161: 601, 1986
- gallbladder infarction after hepatic artery embolization, Takayasu K; Moriyama N; Muramatsu Y; et al, (AJR), **144**: 135, 1985
- gallbladder necrosis after transcatheter hepatic arterial embolization: a technique to avoid this complication, Onodera H; Oikawa M; Abe M; Goto Y, (Radiology), 152: 209, 1984
- gastric bleeding: therapy with intraarterial vasopressin and transcatheter embolization, Eckstein MR; Kelemouridis V; Athanasoulis CA; Waltman AC; Feldman L; van Breda A, (Radiology), 152: 643, 1984
- gas without abscess in renal tumour embolization, Weber J; Dociu N; Zabel G, (Radiology), 154: 272, 1985
- gelfoam powder embolization of the left gastric artery in treatment of massive smallvessel gastric bleeding, Rosch J; Keller FS; Kozak B; Niles N; Dotter CT, (Radiology), 151: 365, 1984
- gluteal artery occlusion: intraarterial chemotherapy of pelvic neoplasms, Woods D; Bechtel W; Charnsangavej C; Haynie TP; Kim EE; Carrasco CH; Wallace S, (Radiology), 155: 341, 1985
- hepatic arterial embolization for hepatocellular carcinoma. comparison of CT scans and resected specimens, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Yamada T; Kishi K; Hasegawa H; Okazaki N, (Radiology), 150: 661, 1984
- hepatic embolization from the common hepatic artery using balloon occlusion technique, Nakamura H; Tanaka M; Oi H, (AJR), 145: 115, 1985
- hepatic infarction with absolute ethanol, O'Riordan D; McAllister H; Sheahan BJ; MacErlean DP, (Radiology), **152**: 627, 1984
- hepatocellular carcinoma detected by iodized oil: use of anticancer agents, Ohishi H; Uchida H; Yoshimura H; Ohue S; Ueda J; Katsuragi M; Matsuo N; Hosogi Y, (Radiology), 154: 25, 1985
- hepatocellular carcinoma treated by transcatheter arterial embolization: progress evaluated by computed tomography, Furui S; Otomo K; Itai Y; Iio M, (Radiology), 150: 773, 1984

- histologic analysis of tissue response to Bucrylate-Pantopaque mixture, Cromwell LD; Freeny PC; Kerber CW; et al, (AJR), 147: 627, 1986
- (AJK), 147: 627, 1986 hypertension with renal carcinoma. an effect of arterial embolization, Alavi JB; McLean GK, (Radiology), 151: 261, 1984 indium-111 labeled leukocyte imaging following hepatic artery embolization, Witte RJ; Petersen RJ; Augustine SC; et al, (Clin Nucl Med), 11: 341, 1986
- inferior mesenteric arteriovenous fistula associated with portal hypertension and acute ischemic colitis. successful occlusion acure ischemic coints. Successful occusion by intraarterial embolization with steel coils, Capron J-P; Geneston J-L; Remond A; et al, (Radiology), 154: 272, 1985 intramuscular hemangioma, Cohen AJ; Youkey JR; Clagett GP; et al, (Radiology), 150: 858, 1984
- major gastrointestinal hemorrhage from peri-pancreatic blood vessels in pancreatitis. treatment by embolotherapy, Stuckman ML; Dooley MC; Jacques PF; et al, (Radiology), 154: 559, 1985
- management of the posthepatic artery embolization syndrome, Clouse ME; Lee RGL, (Radiology), 152: 238, 1984 massive hemoptysis: control by embolization of the thyrocervical trunk, Moore LB; McWey RE; Vujic I, (Radiology), 161: 173, 1986
- middle sacral arteriography: diagnostic and therapeutic implications, Kudo S; Chuang VP; Wallace S; Bechtel WJ; Mir S, (Radiology), 151: 65, 1984
- new detachable balloon technique for traumatic carotid-cavernous sinus fistulae, Taki W; Handa H; Miyake H; et al, (AJNR), 6: 961, 1985
- new occlusive agent for therapeutic embolization tested in dogs, Peregrin JH; Kaspar M; Haco M; et al, (Radiology), 155: 275, 1985
- pancreatic and peripancreatic vessels: embolization for control of bleeding in pancreatitis, Vujic I; Andersen BL; Stanley JH; Gobien RP, (Radiology), 150: 51,
- partial splenic embolization in children with hypersplenism, Kumpe DA; Rumack CM; Pretorius DH; Stoecker TJ; Stellin GP, (Radiology), 155: 357, 1985 percutaneous recanalization of an occluded
- renal artery and delayed ethanol ablation of the kidney resulting in control of hypertension, Denny DF; Perlmutt LM; Bettmann MA, (Radiology), 151: 381, 1984
- percutaneous renal ablation in patients with end-stage renal disease: alternative to surgical nephrectomy, Keller F5; Coyle M; Rosch J; Dotter CT, (Radiology), 159: 447, 1986
- percutaneous temporary embolization of the internal pudendal arteries in idiopathic priapism: 2 additional cases, Belgrano E; Puppo P, Quattrini S, et al, (Radiology), **153**: 848, 1984
- percutaneous transabdominal embolization of an iliac artery aneurysm, Rogoff PA; Stock JR, (AJR), 145: 1258, 1985
- polyvinyl alcohol sponge for embolotherapy: particle size and morphology, Jack CR Jr; Forbes G; Dewanjee MK; et al, (AJNR), 6: 595, 1985
- prediction of early death after therapeutic hepatic arterial embolisation, Powell-Tuck J; McIvor J; Reynolds KW; et al, (Radiology), 154: 272, 1985
- preoperative embolization of the head and neck: indications, patient selection, goals, and precautions, Valavanis A, (AJNR), 7: 943, 1986
- preparation of gelfoam particles using an orthopedic rasp, Guinto FC Jr, (Radiology), 153: 260, 1984
- prevention of complications during embolotherapy of the lung, White RI Jr; Lundell C, (Radiology), **154**: 272, 1985
- radiopaque suspension of polyvinyl alcohol foam for embolization, Szwarc IA; Carrasco CH; Wallace S; et al, (AJR), 146:
- retrievable Gianturco-coil introducer, Hawkins J; Quisling RG; Mickle JP; Hawkins IF, (Radiology), **158**: 262, 1986
- rolandic arteriovenous malformations improvement in limb function by IBC embolization, Fox AJ; Girvin JP; Vinuela FV; et al, (AJNR), 6: 575, 1985

- serial changes in sonographic appearance after transcatheter hepatic arterial embolization, Onodera H; Oikawa M; Abe M; et al, (J Ultrasound Med), 4: 401, 1985
- serial embolizations of an extremity via curouzations of an extremity arteriovenous malformation with alchohl via direct percutaneous puncture, Yakes WF; Pevsner P; Reed M; et al. (AJR), 146: 1038, 1986
- serum C-reactive protein response to therapeutic embolization: possible role in management, Hind CRK; Thomas AMK; Pepys MB; et al, (Radiology), **156**: 565, 1985
- spinal arteriovenous malformations: advances in therapeutic embolization, Theron J; Cosgrove R; Melanson D; Ethier R, (Radiology), 158: 163, 1986
- splenic infarction, a complication of transcatheter hepatic arterial embolization for liver malignancies, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Ishikawa T; Ushio K; Matsue H; Sasagawa M; Yamada T, (Radiology), 151: 371, 1984
- steel occlusion coils: pretreatment with thrombin, McLean GK; Stein EJ; Burke DR; Meranze SG, (Radiology), **158**: 549, 1986
- surgery for pulmonary aspergilloma: preoperative embolization of the bronchial circulation, Hughes CF; Waugh R; Lindsay D, (Radiology), 161: 574, 1986
- therapeutic arterial embolisation: report of five years' experience, O'Halpin D; Legge D; MacErlean DP, (Radiology), **153**: 564, 1984
- therapeutic embolization of the small-bowel arteries, Palmaz JC; Walter JF; Cho KJ, (Radiology), **152**: 377, 1984
- transcatheter embolisation of arterial aneurysms, Uflacker R, (Br J Radiol), 59: 317,
- transcatheter embolization of uterine arteriovenous malformations, Wilms GE; Favril A; Baert AL; et al, (Cardiovasc Intervent Radiol), 9: 61, 1986
- transcatheter embolization with sodium tetradecyl sulfate: experimental and clinical results, Cho KJ; Williams DM; Brady TM; Weiss CA; Forrest ME; Oke EJ; Griffin DJ, (Radiology), 153: 95, 1984
- treatment of hemobilia by transcatheter vascular occlusion, Vaughan R; Rosch J; Keller FS; et al, (Radiology), 155: 274, 1985
- treatment of priapism by transcatheter embolization of internal pudendal arteries, Puppo P; Belgrano E; Quattrini S; et al, (Radiology), 152: 253, 1984
- vertebral artery embolization for control of massive hemorrhage, Bergsjordet B; Strother CM; Crummy AB; et al, (AJNR), 5: 201, 1984

See Arteries, extremities

#### Arteries, transluminal angioplasty

- aspirin inhibition of platelet deposition at angioplasty sites: demonstration by platelet scintigraphy, Cunningham DA; Kumar B; Siegel BA; Gilula LA; Totty WG; Welch MJ, (Radiology), 151: 287, 1984
- atherosclerotic rabbit aortas: expandable intraluminal grafting, Palmaz JC; Windeler SA; Garcia F; Tio FO; Sibbitt RR; Reuter SR, (Radiology), **160**: 723, 1986
- balloon embolectomy catheter used percutaneously, Zimmerman JJ; Cipriano PR; Hayden WG; Fogarty TJ, (Radiology), **158**: 260, 1986
- balloon embolectomy catheter used percutaneously, McDermott JC; Crummy AB; Starck EE, (Radiology), **160**: 279, 1986
- balloon embolectomy catheter used percutaneously: reply, Cipriano PR, (Radiology), 160: 279, 1986
- balloon-inflation device: the inflation helix, Salomonowitz E; Kotula F; Coleman CC; Hunter DW; Castaneda-Zuniga WR; Amplatz K, (Radiology), 150: 587, 1984
- brachiocephalic artery dilation by percutaneous transluminal angioplasty, Vitek JJ, Keller FS, Duvall ER, Gupta KL; Chandra-Sekar B, (Radiology), 158: 779, 1986

- comparison of the costs of vascular surgery and balloon dilatation in lower limb ischaemic disease, Jeans WD; Danton RM; Baird RN; et al, (Br J Radiol), 59: 453, 1986
- complications of transluminal angioplasty, Gardiner GA Jr; Meyerovitz MF; Stokes KR; Clouse ME; Harrington DP; Bettmann MA, (Radiology), 159: 201, 1986
- cost incentives for peripheral angioplasty, Kinnison ML; White RI Jr; Bowers WP; et al, (AJR), 145: 1241, 1985
- dialysis access fistulas: treatment of stenoses by transluminal angioplasty, Glanz S; Gordon DH; Butt KMH; Hong J; Adamsons RJ; Sclafani SJA, (Radiology), 152: 637, 1984
- dissection complicating angioplasty, Gardiner GA Jr; Meyerovitz MF; Harrington DP; et al, (AJR), 145: 627, 1985
- effects of introducing balloon dilatation into vascular surgical practice, Jeans WD; Danton RM; Baird RN; et al, (Br J Radiol), 59:
- equipment choices, technical aspects and pitfalls of percutaneous transluminal angioplasty, Levin DC; Harrington DP; Bettmann MA; et al, (Radiology), 152: 846,
- failed hemodialysis shunts: one year of experience with aggressive treatment, Zeit RM; Cope C, (Radiology), 154: 353, 1985
- failing arteriovenous dialysis fistulas: evaluation and treatment, Hunter DW; Castaneda-Zuniga WR; Coleman CC; Young AT; Salomonowitz E; Mercado S; Amplatz K, (Radiology), 152: 631, 1984
- fibrinolysis in chronic arteriosclerotic occlusions: intrathrombotic injections of streptokinase, work in progress, Lammer J; Pilger E; Justich E; Neumayer K; Schreyer H, (Radiology), 157: 45, 1985
- guided direct antegrade puncture of the superficial femoral artery, Berman HL; Katz SG; Tihansky DP, (AJR), 147: 632, 1986
- iliac artery occlusion: management with intrathrombus streptokinase infusion and angioplasty, Auster M; Kadir S; Mitchell SE; Williams GM; Perler BA; Chang R; White RI Jr, (Radiology), 153: 385, 1984
- iliac artery rupture during transluminal angioplasty: treatment by embolization and surgical bypass, Jensen SR; Voegeli DR; Crummy AB; et al, (AJR), 145: 381, 1985
- impotence due to the external iliac steal syndrome treated by percutaneous transluminal angioplasty, Van Unnik JG; Marsman JWP, (Radiology), **153**: 565, 1984
- innominate artery angioplasty, Vitek JJ; Raymon BC; Oh SJ, (AJNR), 5: 113, 1984
- interventional radiologic procedures in the renal transplant, Curry NS; Cochran S; Barbaric ZL; Schabel SI; Pagani JJ; Kangarloo H; Diament M; Gobien RP; Vujic I, (Radiology), 152: 647, 1984
- interventional techniques in congenital heart disease, Mitchell SE; Kan JS; White RI Jr, (Semin Roentgenol), 20: 290, 1985
- intraarterial fibrinolysis: long-term results, Lammer J; Pilger E; Neumayer K; Schreyer H, (Radiology), **161**: 159, 1986
- long-term results of superficial femoral artery angioplasty, Hewes RC; White RI Jr; Murray RR; et al, (AJR), **146**: 1025, 1986
- management of angioplasty complications, unsuccessful procedures and early and late failures, Samson RH; Sprayregen S; Veith FJ; et al, (Radiology), 154: 850, 1985
- manual injection syringe for inflation of high pressure balloon catheters, Lee KR; Sanders W, (Radiology), 153: 824, 1984
- new deflector handle for catheter exchange, Hawkins IF Jr; Hawkins MC, (Radiology), 152: 227, 1984
- ew open-ended guidewire/catheter, Sos TA; Cohn DJ; Srur M; Wengrover SI; Saddekni S, (Radiology), **154**: 817, 1985

percutaneous arterial grafting, Cragg AH; Lund G; Rysavy JA; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, (Radiology), 150: 45, 1984

(Radiology), 1904 45, 1984 percutaneous aspiration thromboembolectomy, Starck EE; McDermott JC; Crummy AB; Turnipsed WD; Acher CW; Burgess JH, (Radiology), 156: 61, 1985

percutaneous catheter balloons: failure to deflate, Schneider JR; Johnsrude IS; Lund G; Rysavy J; Anderson RW; Amplatz K, (Radiology), 155: 832, 1985

percutaneous embolectomy by transcatheter aspiration, Sniderman KW; Bodner LJ; Saddekni S; Srur M; Sos TA, (Radiology), 150: 357, 1984

percutaneous recanalization of iliac artery occlusions: an alternative to surgery in the high-risk patient, Pilla TJ; Peterson GJ; Tantana S; et al, (AJR), **143**: 313, 1984

percutaneous transluminal angioplasty, Council on Scientific Affairs American Medical Association (Radiology), 154: 850, 1985

percutaneous transluminal angioplasty and valvectomy in a failing in situ saphenous graft, Becker GJ; Wenker JC; Rees CR; Reilly MK; Bendick PJ; Cockerill EM, (Radiology), 159: 431, 1986

percutaneous transluminal angioplasty for arterial disease of the lower extremities, Katzen BT, (AJR), 142: 23, 1984

percutaneous transluminal angioplasty for renovascular hypertension, Awazu M; Shimizu M; Hojo H; et al, (Radiology), **160**: 288, 1986

percutaneous transluminal angioplasty for treatment of subclavian steal, Motarjeme A; Keifer JW; Zuska AJ; Nabawi P, (Radiology), 155: 611, 1985

percutaneous transluminal angioplasty in diabetic patients: an effective treatment modality, Ford KK; Braun SD; Moore AV Jr; et al, (Radiology), **155**: 852,

percutaneous transluminal angioplasty in the region of the aortic bifurcation: the tworegion of the acrite orbital and long-balloon technique with results and long-term follow-up study, Tegtmeyer Cl; Kellum CD; Kron IL; Mentzer RM Jr, (Radiology), 157: 661, 1985

percutaneous transluminal angioplasty of the remorpopliteal artery: initial and long-term results, Krepel VM, van Andel GJ; van Erp WFM; Breslau PJ, (Radiology), 156: 325, 1985

percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, (Radiology), 150: 363, 1984

percutaneous transluminal angioplasty of the renal arteries: double-catheter technique, Baker KS; Sawyer RW; Tisnado J; Cho S-R, (Radiology), **159**: 554, 1986

percutaneous transluminal angioplasty technique: early and late results, Dotter CT; Gruntzig AR; Schoop W; Zeitler E, Reviewed by Gerlock AJ Jr, (Radiology), **153**: 378, 1984

percutaneous transluminal angioplasty vs surgery for renovascular hypertension, Miller GA Jr; Ford KK; Braun SD; et al, (AJR), 144: 447, 1985

percutaneous transluminal coronary angioplasty. a review of the literature, Przybojewski JZ; Weich HFH, (Radiology), 152: 846, 1984

percutaneous transluminal coronary angioplasty: current procedure and future direction, Hall D; Gruentzig A, (AJR), 142:

percutaneous transluminal dilatation of the iliac artery: long-term results, van Andel GJ; van Erp WFM; Krepel VM; Breslau PJ, (Radiology), **156**: 321, 1985

percutaneous transluminal laser angioplasty for treatment of peripheral vascular disease: clinical experience with 16 patients, Ginsburg R; Wealer L, Mitchell RS; Profitt D, (Radiology), 156: 619, 1985

percutaneous transluminal renal angioplasty in renovascular hypertension due to atheroma or fibromuscular dysplasia, Sos TA; Pickering TG; Sniderman KW; et al, (Radiology), **151**: 547, 1984

persistent plaque following successful angioplasty: demonstration by Doppler duplex, Rosner NH; Doris PE, (J Ultrasound Med), 5: 107, 1986

potential mechanisms of angioplasty, Wolf GL; LeVeen RF; Ring EJ, (Radiology), **152**: 846,

relation between arterial and balloon rupture in experimental angioplasty, Zollikofer CL; Salomonowitz E; Castaneda-Zuniga WR; et al. (AJR), 144: 777, 1985

Subclavian and carotid angioplasties for Takayasu's arteritis, Hodgins GW; Dutton JW, (Radiology), **150**: 857, 1984

transluminal angioplasty, Castaneda-Zuniga WR, ed, Reviewed by Gerlock AJ Jr, (Radiology), 151: 348, 1984

mechanical-pathophysiological correlation of its physical mechanisms, Kinney TB; Chin AK; Rurik GW; Finn JC; Shoor PM; Hayden WG; Fogarty TJ, (Radiology), 153: 85, 1984

transluminal angioplasty evaluated by electron microscopy, Zollikofer CL; Salomonowitz E; Sibley R; Chain J; Bruhlmann WF; Castaneda-Zuniga WR; Amplatz K, (Radiology), 153: 369, 1984

transluminal angioplasty of complete iliac obstructions, Colapinto RF; Stronell RD; Johnston WK, (AJR), 146: 859, 1986

transluminal angioplasty of the hypogastric artery for treatment of buttock claudication, Morse SS; Cambria R; Strauss EB; et al, (Cardiovasc Intervent Radiol), 9: 136, 1986

treatment of angioplasty-related iliac-artery rupture without bypass surgery (case report), Villarica J; Gross RC, (AJR), 147: 389, 1986

treatment of renal artery embolism, Nicholas GC; DeMuth WE Jr, (Radiology), 153: 565, 1984

washout" technique for brachiocephalic angioplasty, Derauf BJ; Erickson DL; Castaneda-Zuniga WR; et al, (AJR), 146: 849,

#### Arteries, trigeminal

proatlantal intersegmental artery and trigeminal artery associated with an aneurysm. case report, Tanaka Y; Hara H; Momose G; et al, (Radiology), **152**: 259, 1984

#### Arteries, umbilical

"inverted V" sign of pneumoperitoneum, Bray JF, (Radiology), **151: 45**, 1984

neonatal umbilical artery pseudoaneurysm: sonographic evaluation (case report), Katz ME; Perlman JM; Tack ED; et al, (AJR), 147: 322, 1986

noninvasive evaluation of neonatal aortic thrombosis secondary to umbilical artery catheterization, Fellmeth BD; Sandler MP; Thieme GA; et al, (AJR), 146: 619, 1986

#### Arteries, US studies

aneurysms of the splenic artery: noninvasive diagnosis by pulsed Doppler sonography, Derchi LE; Biggi E; Cicio GR; et al, (Radiology), **153**: 573, 1984

cardiovascular applications of multi-gate pulsed Doppler systems, Reneman RS; van Merode T; Hick P; et al, (Ultrasound Med Biol), 12: 357, 1986

Doppler ultrasound assessment of the femoro-popliteal segment: comparison of different methods using ROC curve analysis, Baker AR, Prytherch DR; Evans DH; et al, (Ultrasound Med Biol), 12: 473, 1986

duplex ultrasound imaging: vascular applications, Wetzner SM; Kiser LC; Bezreh JS, (Radiology), **150**: 507, 1984

intraoperative Doppler techniques for arterial evaluation, Zierler RE, (Semin US CT MR), 6: 73, 1985

prospective assessment of the aorto-iliac rospective assessment of the aorto-iliac segment by visual interpretation of frequency analyzed Doppler waveforms—comparison with arteriography, Walton L; Martin TRP; Collins M, (Radiology), 152: 867, 1984

sonographic demonstration of buckling of the great vessels of the neck, Subramanyam BR; Horii SC, (AJR), 142: 1111, 1984

subcostal 2-dimensional echocardiographic imaging of peripheral left coronary artery aneurysms in Kawasaki disease, Maeda T; Yoshida H; Funabashi T; et al, (Radiology), 151: 558, 1984

system for rapid analysis of the femoral blood velocity waveform at the bedside, Capper WL; Amoore JN; Clifford PC; et al, (Ultrasound Med Biol), 12: 31, 1986

ultrasound in the study of atherosclerosis, Strandness DE Jr, (Ultrasound Med Biol), **12**: 453, 1986

### Arteries, vertebral

See Vertebral arteries

# Arteries, vertebrobasilar

theries, verteorobasiar high-resolution computed tomography of the basilar artery: 2. vertebrobasilar dolichoectasia: clinical-pathologic correlation and review, Smoker WRK; Corbett JJ; Gentry LR; et al, (AJNR), 7: 61, 1986

# Arteriography

See Angiography Arteriosclerosis

accuracy and limitations of intravenous digital subtraction angiography in the evaluation of atherosclerotic cerebrovascular disease: of atherosclerotic cerebrovascular disease: angiographic and surgical correlations, Earnest F IV; Houser OW; Forbes GS; et al, (Radiology), 152: 257, 1984 arterio-venous shunting complicating occlusive atherosclerotic peripheral vascular disease, Vallance R; Quin RO; Forrest H, (Clin Radiol), 37: 389, 1986

atherosclerotic rabbit aortas: expandable

atherosclerotic rabbit aortas: expandable intraluminal grafting, Palmaz JC; Windeler SA, Garcia F; Tio FO; Sibbit RR; Reuter SR, (Radiology), 160: 723, 1986 different degrees of atherosclerosis detected by backscattered ultrasound: an in vitro study on fixed human aortic walls, Picano E; Landini L; Distante A; et al, (Radiology), 152: 262, 1984

diffuse arterial narrowing after thromboembolectomy with the Fogarty balloon catheter, Greenwood LH; Hallett JW Jr; Yrizarry JM; et al, (AJR), 142: 141, 1984

duplex ultrasound screening for carotid arteriosclerotic disease in asymptomatic patients, Jackson VP; Bendick PJ, (J Ultrasound Med), 4: 411, 1985

evaluation of frequency dependence of backscatter coefficient in normal and atherosclerotic aortic walls, Landini L; Sarnelli R; Picano E; et al, (Ultrasound Med Biol), 12: 397, 1986

gated magnetic resonance imaging of the normal and diseased heart, Lieberman JM; Alfidi RJ; Nelson AD; Botti RE; Moir TW; Haaga JR; Kopiwoda S; Miraldi FD; Cohen AM; Butler HE; Nara A; Hellerstein HK, (Radiology), 152: 465, 1984

magnetic resonance applications in atherosclerotic vascular disease, Wesbey GE; Higgins CB; Hale JD: et al, (Cardiovasc Intervent Radiol), 8: 342, 1986

MR imaging of aortoiliac atherosclerosis with MK imaging of aortoiliac atherosclerosis with 3D image reconstruction, Valk PE; Hale JD; Crooks LE; et al, (JCAT), 10: 439, 1986 newly devised long sheath for transfemoral angiography, Nakamura H; Oi H, (Radiology), 155: 828, 1985

nuclear magnetic resonance imaging of atherosclerosis, Higgins CB; Hertkens RJ; Hricak H; et al, (Radiographics), 4: 137, 1984

percutaneous transluminal angioplasty following endarterectomy, Tisnado J; Vines FS; Barnes RW; Beachley MC; Cho S-R, (Radiology), **152**: 361, 1984

R. (Radiology), 1923-961, 1994
percutaneous transluminal angioplasty of the aorta. light and electron microscopic observations in normal and atherosclerotic rabbits, Zollikofer CL; Chain J; Salomonowitz E; Runge W, Bruhlmann WF; Castaneda-Zuniga WR: Amplatz K, (Radiology), 151: 355, 1984
proton relayation times in arterial wall and

proton relaxation times in arterial wall and atheromatous lesions in man, Soila K; Nummi P; Ekfors T; et al, (Invest Radiol), 21:

Subcortical arteriosclerotic encephalopathy: CT spectrum and pathologic correlation, Lotz PR; Ballinger WE Jr; Quisling RG, (AJNR), 7: 817, 1986

ultrasound in the study of atherosclerosis, Strandness DE Jr, (Ultrasound Med Biol), **12**: 453, 1986

#### Arteriovenous malformations

rteriovenous malformations congenital arteriovenous malformations, the role of transcatheter arterial embolization, Gomes AS; Busuttil RW; Baker JD; et al, (Radiology), 151: 261, 1984 differential diagnosis between Kaposi's sarcoma and pseudo-Kaposi's arteriovenous malformation by scintigraphy, Zaltzman S; Ophir J; Brenner S, (Clin Nucl Med), 11: 556, 1986.

- gas CT cisternography of an intracanalicular vascular malformation, Bird CR; Drayer BP; Yeates AE, (AJNR), 6: 969, 1985
- MRI of angiographically occult vascular malformations, Lemme-Plaghos L; Kucharczyk W; Brant-Zawadzki M; et al, (AJR), 146: 1223, 1986
- surgical treatment of tentorial arteriovenous malformations draining into the subarachnoid space. report of four cases, Crisoli F; Vencentelli F; Fuchs S; et al, (Radiology), 154: 279, 1985
- vascular complication of percutaneously placed pigtail ureteral stent, Lalude AO; Conroy RM, (Radiology), 151: 547, 1984

# Arteriovenous malformations, cerebral

- aneurysms of the posterior cerebral artery in children, Kaplan PA; Hahn FJ, (AJNR), 5: 771, 1984
- AVMs incompletely embolized with isobutyl-2-cyanoacrylate, Vinuela F; Fox AJ; Pelz D; et al, (AJNR), 7: 919, 1986
- Bragg-Peak proton-beam therapy for arteriovenous malformations of the brain, Kjellberg RN; Hanamura T; Davis KR; et al, (Radiology), 151: 563, 1984
- CT of thrombosed arteriovenous malformations in children, Mitnick JS; Pinto RS; Lin JP; Rose H; Lieberman A, (Radiology), **150**: 385, 1984
- dominant-hemisphere arteriovenous malformations: therapeutic embolization with isobutyl-2-cyanoacrylate, Vinuela FV; Debrun GM; Fox AJ; et al, (Radiology), 152: 552 1984
- dural arteriovenous malformations of the base of the anterior cranial fossa, Ito J; Imamura H; Kobayashi K; et al, (Radiology), 151: 266, 1984
- dural malformations with ophthalmic manifestations: results of particulate embolization in seven patients, Grossman RI; Sergott RC; Goldberg HI; et al, (AJNR), 6: 809, 1985
- magnetic resonance imaging (MRI) in the diagnosis of cerebral arteriovenous angiomas, Schorner W; Bradac GB; Treisch J; et al, (Neuroradiol), 28: 313, 1986
- mirror image arteriovenous malformations of the brain, Naseem M; Sanchez O; Rezvanpour AO, (Radiology), **154**: 277, 1985
- morphological studies of human arteriovenous malformations: effects of isobutyl 2-cyanoacrylate embolization, Klara PM; George ED; McDonnell DE; et al, (Radiology), 160: 574, 1986
- MR and CT of occult vascular malformations of the brain, New PFJ; Ojemann RG; Davis KR; et al, (AJNR), 7: 771, 1986
- MR imaging of angiographically occult vascular malformations, Lemme-Plaghos L; Kucharczyk W; Brant-Zawadzki M; et al. (AJNR), 7: 217, 1986
- MR imaging of cerebral vascular malformations, Lee BCP; Herzberg L; Zimmerman RD; et al, (AJNR), **6:** 863, 1985
- occlusive vascular disease associated with cerebral arteriovenous malformations, Mawad ME; Hilal SK; Michelsen WJ; Stein B; Ganti SR, (Radiology), 153: 401, 1984
- preembolization superselective angiography: role in the treatment of brain arteriovenous malformations with isobutyl-2 cyanoacrylate, Vinuela FV; Fox AJ; Debrun GM; et al, (AJNR), 5: 765, 1984
- prenatal diagnosis of arteriovenous malformation of the vein of Galen, Reiter AA; Huhta JC; Carpenter RJ Jr; et al, (JCU), 14: 623, 1986
- rolandic arteriovenous malformations improvement in limb function by IBC embolization, Fox AJ; Girvin JP; Vinuela FV; et al, (AJNR), 6: 575, 1985
- stenosis of afferent vessels of intracranial arteriovenous malformations, Omojola MF; Fox AJ; Vinuela FV; et al, (AJNR), 6: 791, 1985
- superselective injection of polyvinyl alcohol microemboli for the treatment of cerebral arteriovenous malformations, Scialfa G; Scotti G, (AJNR), 6: 957, 1985

# Arteriovenous malformations, cranial

digital intravenous subtraction angiography of intracranial arteriovenous malformations, Gardeur D; Seurot M; Fonda C; et al, (Radiology), **152**: 257, 1984

- dynamic CT using an arterial bolus, Guinto FC Jr; Hashim H; Crofford MJ; Mirfakhraee M, (Radiology), 157: 529, 1985
- efficacy of intraoperative US for evaluating intracranial masses, Rubin JM; Dohrmann GJ, (Radiology), **157**: 509, 1985
- intracranial vascular malformations: MR and CT imaging, Kucharczyk W; Lemme-Pleghos L; Uske A; Brant-Zawadzki M; Dooms GC; Norman D, (Radiology), 156: 383, 1985
- unruptured intracranial arteriovenous malformations do cause mass effect, Kumar AJ; Vinuela FV; Fox AJ; et al, (AJNR), 6: 29, 1985

#### Arteriovenous malformations, extremities

- arteriovenous malformations of the extremities: MR imaging, Cohen JM; Weinreb JC; Redman HC, (Radiology), 158: 475, 1986
- high-field MR surface-coil imaging of the hand and wrist. part II. pathologic correlations and clinical relevance, Weiss KI, Beltran J, Lubbers LM, (Radiology), 160: 147, 1986
- serial embolizations of an extremity arteriovenous malformation with alchohl via direct percutaneous puncture, Yakes WF; Pevsner P; Reed M; et al, (AJR), 146: 1038,

#### Arteriovenous malformations, hepatic

hereditary hemorrhage telangiectasia: cloographic findings in the liver, Cloogran HM; DiCapo RD, (Radiology), 150: 521, 1984

#### Arteriovenous malformations, intestinal

- diffuse intestinal arteriovenous malformation, Velasquez G; D'Souza VJ; Glass TA; et al, (AJR), 143: 1339, 1984
- solitary ileal arteriovenous malformation: preoperative localization by coil embolization, Kandarpa K; Fellows KE; Eraklis A; et al, (AJR), 146: 787, 1986
- therapeutic embolization of the small-bowel arteries, Palmaz JC; Walter JF; Cho KJ, (Radiology), **152**: 377, 1984

### Arteriovenous malformations, intraosseous

embolization of an intraosseous arteriovenous malformation, Nancarrow PA; Lock JE; Fellows KE, (AJR), 146: 785, 1986

### Arteriovenous malformations, pelvic

transcatheter embolization of uterine arteriovenous malformations, Wilms GE; Favril A; Baert AL; et al, (Cardiovasc Intervent Radiol), 9: 61, 1986

#### Arteriovenous malformations, pulmonary

- diagnosis and quantitation of pulmonary arteriovenous malformations by factor analysis, Villaneuva-Meyer J; Marcus C; Thompson K; et al, (Clin Nucl Med), 11: 88, 1986
- neurologic manifestations revealing pulmonary arteriovenous fistulas, Deramond H; Remond A; Thiebot J; et al, (Radiology), 150: 861, 1984
- pulmonary arteriovenous fistulas occluded by percutaneous introduction of coil springs, Keller F5; Rosch J; Barker AF; Nath PH, (Radiology), **152**: 373, 1984
- pulmonary arteriovenous malformations. physiologic observations and results of therapeutic balloon embolization, Terry White RI Jr; Barth KH; et al, (Radiology), 150: 857, 1984
- radionuclide angiographic demonstration of systemic lung arterialization with arteriovenous fistulas, Brendel AJ; Colle JP; Barat J-L; et al, (Radiology), 151: 276, 1984
- systemic supply to a pulmonary arteriovenous malformation: relative contraindication to surgery, Laffey KJ; Thomashow B; Jaretzki A III; et al. (AJR), 145: 720, 1985

# Arteriovenous malformations, spinal

- combined arteriovenous malformation and intramedullary lipoma: surgery and embolotherapy, Rice JF; Jelsma RK, (AJNR),
- diagnosis of spinal arteriovenous malformation in a pregnant patient by MR imaging, Kulkarni MY; Burks DD; Price AC; et al., (JCAT), 9: 171, 1985

- dural arteriovenous malformations of the spine. clinical features and surgical results in 55 cases, Symon L; Kuyama H; Kendall B, (Radiology), 153: 277, 1984
- embolization of intramedullary arteriovenous malformations of the spinal cord, Horton JA; Latchaw RE; Gold LHA; et al, (AJNR), 7: 113,
- intra-arterial digital subtraction angiography of the spinal cord, Yeates AE; Drayer BP; Heinz ER; Osborne D, (Radiology), 155: 387,
- origin of spinal arteriovenous malformation and normal cord vasculature from a common segmental artery: angiographic and therapeutic considerations, Doppman JL; Di Chiro G; Oldfield EH, (Radiology), 154: 687,
- spinal cord arteriovenous malformations with significant intramedullary conponents, Cogen P; Stein BM, (Radiology), 152: 259, 1984
- spinal myoclonus and clinical worsening after intravenous contrast medium in a patient with spinal arteriovenous malformation, Casazza M; Bracchi M; Girotti F, (AJNR), 6:
- tumors and arteriovenous malformations of amors and arteriovenous malformations of the spinal cord: assessment using MR, Di Chiro G; Doppman IL; Dwyer AJ; Patronas NJ; Knop RH; Bairamian D; Vermess M; Oldfield EH, (Radiology), 156: 689, 1985

#### Arteritis

- CT demonstration of aneurysms in polyarteritis nodosa, Wilms G; Oyen R; Waer M; et al, (JCAT), **10**: 513, 1986
- CT findings in temporal arteritis: report of two cases, Karacostas D; Taskos N; Tsounis S; et al, (Neuroradiol), 28: 373, 1986
- incidence of microaneurysms in polyarteritis nodosa, Sellar RJ; Mackay IG; Buist TAS, (Cardiovasc Intervent Radiol), 9: 123, 1986
- periosteal new bone formation complicating juvenile polyarteritis nodosa, Short DJ; Webley M, (Radiology), 154: 277, 1985
- pneumatosis intestinalis in a patient with polyarteritis nodosa, Buffo GC; Deitch JS, (Gastrointest Radiol), 11: 286, 1986
- radiology of aortoarteritis, Liu YQ, (Radiol Clin North Am), 23: 671, 1985
- renal artery occlusion in PAN, Templeton PA; Pais SO, (Radiology), 156: 308, 1985
- renal complications of polyarteritis nodosa: CT findings, Hekali P; Kivisaari L; Standertskjold-Nordenstam C-G; et al, (JCAT), 9: 333, 1985
- subclavian and carotid angioplasties for Takayasu's arteritis, Hodgins GW; Dutton JW, (Radiology), **150**: 857, 1984
- three patients with arteritis, Eke F; Balfe JW; Hardy BE, (Radiology), 155: 551, 1985

### Arthritis

- atlanto-axial dislocation in an 18-year-old female with yersinia arthritis, Vilppula AJ; Jussila TUA; Kokko AM-L, (Radiology), 157:
- chronic repetitive trauma: a cause of atypical degenerative joint disease, Hellmann DB; Helms CA; Genant HK, (Radiology), **154**: 556, 1985
- cubital tunnel in ulnar entrapment neuropathy, St. John JN; Palmaz JC, (Radiology), **158**: 119, 1986
- erosive arthritis in Cronkhite-Canada syndrome, Sanders KM; Resnik CS; Owen DS, (Radiology), 156: 309, 1985
- gouty arthritis: a prospective radiographic evaluation of sixty patients, Barthelemy CR; Nakayama DA; Carrera GF; et al, (Radiology), 154: 556, 1985
- lead arthropathy: arthritis caused by retained intra-articular bullets, Sclafani SJA; Vuletin JC; Twersky J, (Radiology), 156: 299,
- lyme arthritis: radiologic findings, Lawson JP; Steere AC, (Radiology), **154**: 37, 1985
- osteoarthritis of the glenohumeral joint: radiologic-pathologic study, Kerr R; Resnick D; Pineda C; et al, (AJR), 144: 967, 1985
- osteoarthritis of the sternoclavicular joint: radiographic features and pathologic correlation, Kier R; Wain SL; Apple J; et al, (Invest Radiol), 21: 227, 1986

osteoid osteoma of the hip stimulating an early onset of osteoarthritis, Norman A; Abdelwahab IF: Buyon J; Matzkin E, (Radiology), 158: 417, 1986

perfluoroctylbromide as a contrast agent for computed tomographic imaging of septic and aseptic arthritis, Sartoris DJ; Guerra JJ Jr; Mattrey RF; et al, (Invest Radiol), 21: 49,

pinemoth caterpillar disease, Lawson JP; Liu Y-m, (Skeletal Radiol), 15: 422, 1986

progressive pseudorheumatoid arthritis of childhood (PPAC). a hereditary disorder simulating rheumatoid arthritis, Spranger J; Albert C; Schilling F; et al. (Radiology), 150: 860, 1984

sonographic evaluation of the cartilage of the knee, Aisen AM; McCune WJ; MacGuire A; Carson PL; Silver TM; Jafri SZ; Martel W, (Radiology), 153: 781, 1984

#### Arthritis, degenerative

internal derangements of the temporomandibular joint: findings in the pediatric age group, Katzberg RW; Tallents RH; Hayakawa K; Miller TL; Goske MJ; Wood BP, (Radiology), **154**: 125,

#### Arthritis, in infants and children

adult-onset Still's disease: disease course and HLA associations, Wouters JMGW; Reekers P; van de Putte LBA, (Radiology), 161: 575, 1986

bone changes after rubella vaccination, Peters ME; Horowitz S, (AJR), 143: 27, 1984

camptodactyly-arthropathy-pericarditis syndrome: case report and literature review, Laxer RM; Cameron BJ; Chaisson D; et al, (Radiology), 161: 575, 1986

changes in the cervical spine in juvenile rheumatoid arthritis, Hensinger RN; DeVito PD; Ragsdale CG, (Radiology), **160**:

hypercalciuria in children with juvenile rheumatoid arthritis: association with hematuria, Stapleton FB; Hanissian AS; Miller LA, (Radiology), **158**: 283, 1986

infantile-onset multisystem inflammatory disease: radiologic findings, Kaufman RA; Lovell DJ, (Radiology), 160: 741, 1986 joint calcification following intraarticular corticosteroid therapy, Gilsanz V; Bernstein BH, (Radiology), 151: 647, 1984

late sequelae of juvenile arthritis of the hip: a follow-up study into adulthood, Patriquin HB; Camerlain M, (Radiology), 153: 562, 1984

tenosynovitis of the superior oblique muscle (Brown syndrome) associated with juvenile rheumatoid arthritis, Roifman CM; Lavi S; Moore AT; et al, (Radiology), 157: 282, 1985

### Arthritis, psoriatic

radiographic appearance of the sternomanubrial joint in arthritis and related conditions, Parker VS; Malhotra CM; Ho G Jr; Kaplan SR, (Radiology), **153**: 343,

### Arthritis, rheumatoid

adult-onset Still's disease: disease course and HLA associations, Wouters JMGW; Reekers P; van de Putte LBA, (Radiology), 161: 575, 1986

atlanto-occipital dislocation in rheumatoid arthritis, Redlung-Johnell I, (Radiology), 155: 273, 1985

camptodactyly-arthropathy-pericarditis syndrome: case report and literature review, Laxer RM; Cameron BJ; Chaisson D; et al, (Radiology), 161: 575, 1986

changes in the cervical spine in juvenile rheumatoid arthritis, Hensinger RN; DeVito PD; Ragsdale CG, (Radiology), **160**:

cricoarytenoiditis: CT assessment in rheumatoid arthritis, Brazeau-Lamontagne L; Charlin B; Levesque R-Y; Lussier A, (Radiology), 158: 463, 1986

distal interphalangeal joint involvement in rheumatoid arthritis, Jacob J; Sartoris D; Kursunoglu S; et al, (Radiology), 161: 284,

high-field MR surface-coil imaging of the hand and wrist. part II. pathologic correlations and clinical relevance, Weiss KL; Beltran J; Lubbers LM, (Radiology), 160: 147, 1986

indium-111 leukocyte imaging in patients with rheumatoid arthritis, Uno K; Matsui N; Nohira K; et al, (J Nucl Med), 27: 339, 1986

infantile-onset multisystem inflammatory disease: radiologic findings, Kaufman RA; Lovell DJ, (Radiology), **160**: 741, 1986

joint calcification following intraarticular corticosteroid therapy, Gilsanz V; Bernstein BH, (Radiology), **151**: 647, 1984

noninvasive diagnosis of pulmonary hemorrhage in rheumatoid arthritis, O'Brodovich H; Way C; Andrew M; et al, (Radiology), **152**: 553, 1984

odontoid upward migration in rheumatoid arthritis: analysis of 45 patients with "cranial settling", Menezes AH; VanGilder JC; Clark CR; et al, (Radiology), 161: 287, 1986

pathological fractures in rheumatoid arthritis: sites and mechanisms, Resnick D; Cone RO III, (Radiographics), 4: 549, 1984

periarticular calcifications in association with enarricular cacincations in association wi intra-articular corticosteroid injections, Dalinka MK; Stewart V; Bomalaski JS; Halpern M; Kricun ME, (Radiology), **153**: 615, 1984

phalangeal osseous changes due to tenosynovitis in rheumatoid arthritis, Fischer E, (Radiology), **156**: 268, 1985

pleuropulmonary radiographic abnormalities in rheumatoid arthritis: clinical, epidemiological and laboratory correlation, Rothschild BM; Scott RL; Pinstein ML, et al, (Radiology), 155: 269, 1985

pressure erosions of bone in rheumatoid arthritis: subject review, Monsees B; Destouet JM; Murphy WA; Resnick D, (Radiology), **155**: 53, 1985

radiocolloid scintigraphy in Felty's syndrome, Shih W-J; Domstad PA; Li C-Y; et al, (AJR), 147: 181, 1986

radiographic appearance of the sternomanubrial joint in arthritis and related conditions, Parker VS; Malhotra CM; Ho G Jr; Kaplan SR, (Radiology), 153: 343,

reversible cause of back pain and sciatica in rheumatoid arthritis: an apophyseal joint cyst, Jacob JR; Weisman MH; Mink JH; et al, (Radiology), 161: 575, 1986

seizures due to central nervous system rheumatoid meningovasculitis, Beck DO; Corbett JJ, (Radiology), **151:** 551, 1984

soft tissue changes of the wrist in rheumatoid arthritis: results of low kV radiography in three views, Fischer E, (Radiology), 159: 822,

sonographic evaluation of the cartilage of the knee, Aisen AM; McCune WJ; MacGuire A; Carson PL; Silver TM; Jafri SZ; Martel W, (Radiology), **153**: 781, 1984

value of radiography in the management of rheumatoid arthritis, Edwards JCW; Huskinsson ES, (Radiology), 151: 260, 1984

inability of bone and gallium imaging to differentiate acute gouty arthritis from septic arthritis, Boxen I, (Clin Nucl Med), 11: 443, 1986

infectious arthritis in renal transplant patients, Bomalaski JS; Williamson PK; Goldstein CS, (Radiology), **161**: 283, 1986

"missing" femoral condyle: unusual sequela to neonatal osteomyelitis and septic arthritis, Singson RD; Berdon WE; Feldman F; Denton JR; Abramson 5; Baker DH, (Radiology), 161: 359, 1986

# Arthrography

See also under names of specific joints, such as Ankle; Hip; Knee; Wrist; etc.

arthrography of the dislocated elbow joint, Josefsson PO; Andren L; Gentz CF; et al, (Radiology), **154**: 555, 1985

arthrotomography of the shoulder, Resnik CS; Deutsch AL; Resnick D; Mink JH; Berman JL; Cone RO III; Danzig L; Guerra J Jr, (Radiographics), 4: 963, 1984

complications of arthrography, Newberg AH; Munn CS; Robbins AH, (Radiology), 155:

digital arthrography of the wrist: a radiographic-pathologic investigation, Resnick D; Andre M; Kerr R; et al, (AJR), 142: 1187, 1984

loose bodies of the temporomandibular joint: arthrographic diagnosis, Anderson QN; Katzberg RW, (Radiology), **154**: 557, 1985

oblique head position in temporomandibular joint arthrography, Gillespy T III; Helms CA, (Radiology), 158: 541, 1986

recurrent anterior dislocation of the hip: case report with arthrographic findings, Tuyer B; Levinsohn EM, (Radiology), **154**: 556, 1985

role of arthrography in the management of dysplasia epiphysealis hemimelica. Ho AMW; Blane CE; Kling TF Jr, (Skeletal Radiol), 15: 224, 1986

shoulder instability: impact of glenohumeral arthrotomography on treatment, El-Khoury GY; Kathol MH; Chandler JB; Albright JP, (Radiology), 160: 669, 1986

temporomandibular joint arthrography of normal subjects: prevalence of pain with ionic versus nonionic contrast agents, Kaplan P; Tu H; Lydiatt D; Sleder P; Williams S, (Radiology), 156: 825, 1985

tumor involvement of peripheral joints other than the knee: arthrographic evaluation, De Smet AA; Levine E; Neff JR, (Radiology), 156: 597, 1985

#### Arthrography, contrast media

contrast media in double-contrast arthrography of the knee: comparison of ioxaglate and iothalamate preparations, Ingram C; Stoker DJ, (Br J Radiol), 59: 143, 1986

knee arthrography: effects of various contrast media and epinephrine on synovial fluid, Corbetti F. Malatesta V; Camposampiero A; Mazzi A; Punzi L; Angelini F; Vigo M; Todesco S, (Radiology), 161: 195, 1986

trial of iopamidol for opaque arthrography, Railhac JJ; Putois J, (Radiology), 152: 845,

#### Arthrography, technology

arthrographic visualization of rotator cuff tears: optimal application of stress to the shoulder, Garcia JF, (Radiology), **150**: 595,

computer-processed subtraction arthrography, Bassett LW; Loftus AA; Mankovich NJ, (Radiology), **157**: 821, 1985

digital subtraction arthrography, Newberg AH; Wetzner SM, (Radiology), 154: 238, 1985

hip arthrography in infants and children: the inferomedial approach, Strife JL; Towbin RB; Crawford A, (Radiology), 152: 536, 1984

pneumoarthrography: re-emphasis of a neglected technique, Totty WG; Murphy WA, (Radiology), **155**: 549, 1985

rotator cuff tears: evaluation using double-contrast shoulder arthrography, Mink JH; Harris E; Rappaport M, (Radiology), 157:

shoulder arthrography: comparison of morbidity after use of various contrast media, Hall FM; Goldberg RP; Wyshak G; Kilcoyne RF, (Radiology), 154: 339, 1985

US evaluation of the rotator cuff, Mack LA; Matsen FA III; Kilcoyne RF; Davies PK, Sickler ME, (Radiology), 157: 205, 1985

meniscal abnormalities: prospective correlation of double-contrast arthrography and arthroscopy, Dumas J-M; Edde DJ, (Radiology), 160: 453, 1986

# Arthrosonography

See Joints, US studies

asbestos-related pleural thickening: effect of threshold criteria on interpretation, Greene R; Boggis C; Jantsch H, (Radiology), 152: 569, 1984

diffuse pleural thickening in an asbestos-exposed population: prevalence and causes, McLoud TC; Woods BO; Carrington CB; et al, (AJR), 144: 9, 1985

I-131 macro-aggregated albumin perfusion scanning and chest radiography in asbestos exposure, Sluis-Cremer GK; Thomas RG; Wright VMF, (Radiology), 155: 862, 1985

radiographic abnormalities among asbestos-cement workers. an exposure-response study, Finkelstein MM; Vingilis JJ, (Radiology), 152: 839, 1984

subpleural fat pads in patients exposed to asbestos: distinction from non-calcified pleural plaques, Sargent EN; Boswell WD Jr; Ralls PW; Markovitz A, (Radiology), 152:

#### Asbestosis

- cigarette, smoke, asbestos, and small irregular opacities, Weiss W, (Radiology), 155: 269, 1985
- computed tomography—a reliable diagnostic modality in pulmonary asbestosis, Sperber M; Mohan KK, (Radiology), 154: 859, 1985
- CT features of an unusual hypervascular lung carcinoma complicating chronic asbestosis related pleural disease, Coleman BG; Epstein DM; Arger PH; et al, (JCAT), 9: 554, 1985
- allium-67 uptake in the lung of asbestos exposed sheep: early association with enhanced macrophage-derived fibronectin accumulation, Begin R; Bisson G; Lambert R; et al, (j Nucl Med), 27: 538, 1986
- Lampert K; et al, (J Nucl Med), 27: 538, 1986 pulmonary asbestosis: CT study of subpleural curvilinear shadow. work in progress, Yoshimura H; Hatakeyama M; Otsuji H; Maeda M; Ohishi H; Úchida H; Kasuga H; Katada H; Narita N; Mikami R; Konishi Y, (Radiology), 158: 653, 1986

#### Ascariasis

- CT findings in biliary and pancreatic ascariasis, Radin DR; Vachon LA, (JCAT), 10: 508, 1986
- gastrografin treatment of intestinal obstruction due to ascaris lumbricoides, Bar-Maor JA; de Carvalho JLAF; Chappell J, (Radiology), **153**: 850, 1984

#### Ascites

- ascites: comparison of plain film radiographs with ultrasonograms, Bundrick TJ; Cho S-R; Brewer WH; Beachley MC, (Radiology), **152**: 503, 1984
- ascites in the fetus, neonate, and young child: emphasis on ultrasonographic evaluation, Newman B; Teele RL, (Semin US CT MR), 5:
- socies or pleural effusion? CT differentiation: four useful criteria, Halvorsen RA Jr; Fedyshin PJ; Korobkin M; Foster WL Jr; Thompson WM, (Radiographics), 6: 135, 1986
- atelectasis and subpulmonic fluid: CT pitfall in distinguishing pleural from peritoneal fluid, Silverman PM; Baker ME; Mahony BS, (JCAT), 9: 763, 1985
- bare area of the spleen: a constant CT feature of the ascitic abdomen, Vibhakar SD; Bellon EM, (AJR), 142: 953, 1984
- CT diagnosis of fluid in lesser sac mimicking thrombosis of inferior vena cava, Raval B; Hall JT; Jackson H, (JCAT), 9: 956, 1985
- CT differentiation of pleural effusion from ascites: evaluation of four signs using blinded analysis of 52 cases, Halvorsen RA Jr; Fedyshin PJ; Korobkin M; et al, (Invest Radiol), 21: 391,
- differentiation of benign from malignant ascites by sonographic evaluation of gallbladder wall, Tsujimoto F; Miyamoto Y; Tada S, (Radiology), 157: 503, 1985
- echographic appearance of the right hemidiaphragm, Lewandowski BJ; Winsberg F, (Radiology), **151:** 831, 1984
- enhanced ascites: CT sign of ureteral fistula, Hirsch M, (JCAT), 9: 825, 1985 fetal ascites. report of 6 cases, Shweni PM; Kambaran SR; Ramdial K, (Radiology), 156: 283, 1985
- fluid collections in the intraperitoneal and extraperitoneal spaces: comparison of MR and CT, Cohen JM; Weinreb JC; Maravilla KR, (Radiology), 155: 705, 1985
- hepatic pseudotumors in patients with ascites, Skwarok DJ; Goiney RC; Cooperberg PL, (J Ultrasound Med), 5: 5, 1986
- hydrothorax, ascites, and right diaphragmatic hernia, Gilsanz V; Emons D; Hansmann M; Meradji M; Donaldson JS; Omenaca F; Quero J; Tucker BL, (Radiology), 158: 243,
- intraperitoneal paravesical spaces: CT delineation with US correlation, Auh YH; Rubenstein WA; Markisz JA; Zirinsky K; Whalen JP; Kazam E, (Radiology), **159**: 311,
- lesser sac and gastrohepatic recess: sonographic appearance and differentiation of fluid collections, Vincent LM; Mauro MA;
- of huid collections, vincette LM; Matto MA Mittelstaedt CA, (Radiology), 150: 515, 1984 MR imaging of pathologic abdominal fluid collections, Wall SD; Hricak H; Bailey GD; et al, (JCAT), 10: 746, 1986

- percutaneous aspiration, drainage, and biopsies in children, Towbin RB; Strife JL, (Radiology), 157: 81, 1985
- peritoneal lymphomatosis with ascites: characterization, Runyon BA; Hoefs JC, (Radiology), 161: 282, 1986
- posterior peritoneal recesses: assessmer using CT, Rubenstein WA; Auh YH; Zirinsky K; Kneeland JB; Whalen JP; Kazam E, (Radiology), **156**: 461, 1985
- reliability of the results of ultrasound detection of fluid collections in the early postceliotomy period, Gold JP; Canizaro P; Kazam E; et al, (Radiology), 157: 862, 1985
- transected urachus: an unusual cause of neonatal ascites, Hepworth RC; Milstein JM, (Radiology), **154**: 276, 1985
- ultrasonic anatomical study of the lesser omental sac: a pictorial essay, Weill FS; Perriguey G; Belloir A; et al, (Radiology), 150: 868, 1984

# Aspergillosis

- allergic bronchopulmonary aspergillosis: a pictorial essay, Fisher MR; Mendelson EB; Mintzer RA, (Radiographics), 4: 445, 1984
- allergic bronchopulmonary aspergillosis: natural history and classification of early disease by serologic and roentgenographic studies, Patterson R; Greenberger PA; Halwig JM; et al, (Radiology), **161**: 282, 1986
- allergic broncho-pulmonary aspergillosis: the radiological appearance during long-term follow-up, Phelan MS; Kerr IH, (Radiology), 155: 547, 1985
- aspergillosis of the paranasal sinuses, Kopp W; Fotter R; Steiner H; Beaufort F; Stammberger H, (Radiology), **156**: 715, 1985
- aspergillosis of the paranasal sinuses. x-ray diagnosis, histopathology, and clinical aspects, Stammberger H; Jakse R; Beaufort F, (Radiology), **154**: 281, 1985
- CT findings in pleural aspergillosis, Costello P; Rose RM, (JCAT), 9: 760, 1985
- epidural abscss, vertebral destruction, and paraplegia caused by extending infection from an aspergilloma, Wagner DK; Varkey B; Sheth NK; et al, (Radiology), 156: 854, 1985
- invasive pulmonary aspergillosis and acute leukemia, Gefter WB; Albelda SM; Talbot GH; Gerson SL; Cassileth PA; Miller WT, (Radiology), 157: 605, 1985
- invasive pulmonary aspergillosis: characteristic findings on CT, the CT halo sign, and the role of CT in early diagnosis, Kuhlman JE; Fishman EK; Siegelman SS, (Radiology), 157: 611, 1985
- pseudomembranous necrotizing bronchial aspergillosis. variant of invasive aspergillosis. variant of invasive aspergillosis in a patient with hemophilia and acquired immune deficiency syndrome, Pervez NK; Kleinerman J; Kattan M; et al, (Radiology), 157: 563, 1985
- roentgenographic and clinical staging of allergic bronchopulmonary aspergillosis, Mendelson EB; Fisher MR; Mintzer RA; et al, (Radiology), 157: 278, 1985
- sino-orbital aspergillosis associated with total ophthalmoplegia, Yumoto E; Kitani S; Okamura H; et al, (Radiology), **157**: 859, 1985
- surgery for pulmonary aspergilloma: preoperative embolization of the bronchial circulation, Hughes CF; Waugh R; Lindsay D, (Radiology), **161**: 574, 1986
- use of linear tomography to confirm the diagnosis of allergic bronchopulmonary aspergillosis, Fisher MR; Mendelson EB; Mintzer RA; et al, (Radiology), 157: 278,

- heart size in newborn infants with birth asphyxia, Kortman KE; Edwards DK; Deutsch AL; et al, (AJR), 143: 533, 1984
- temporal evolution of hypoxic-ischaemic brain lesions in asphyxiated full-term newborns as assessed by computerized tomography, Lipp-Zwahlen AE; Deonna T; zanowski R; et al, (Radiology), 158: 862,

# Aspirin

aspirin inhibition of platelet deposition at angioplasty sites: demonstration by platelet scintigraphy, Cunningham DA; Kumar B; Siegel BA; Gilula LA; Totty WG; Welch MJ, (Radiology), 151: 287, 1984

- effects of aspirin and prostaglandin  $E_2$  on interdigestive motility complex and duodenogastric reflux in man, Dooley  $CP_2$  Mello  $WD_2$  Valenzuela JE, (Radiology), 158: 568, 1986
- serpiginous gastric erosions caused by aspirin and other nonsteroidal antiinflammatory drugs, Levine M5; Verstandig A; Laufer I, (AJR), 146: 31, 1986

#### Asplenia ee Spleen, abnormalities

#### Asthma

usefulness of chest radiographs in first asthma attacks, Gershel JC; Goldman HS; Stein REK; et al, (Radiology), **151:** 547, 1984

#### Astrocytoma

- brain tumors: clinical aspects, Tew JM Jr; Feibel JH; Sawaya R, (Semin Roentgenol), 19: 115, 1984
  cystic pilocytic astrocytomas of the cerebral
- cysic pinocytic astrocytomas of the cerebral hemispheres: surgical experience with 51 cases and long-term results, Palma L; Guidetti B, (Radiology), 159: 573, 1986 intraventricular mass lesions, Morrison G; Sobel DF, Kelley WM; Norman D, (Radiology), 153: 435, 1984
- juvenile pilocytic astrocytoma of the cerebrum in adults: distinctive neoplasm with favorable prognosis, Garcia DM; Fulling KH, (Radiology), 160: 573, 1986
- low grade astrocytoma in children treated by surgery and radiation therapy, Dewit L; Van Der Schueren E; Ang KK; et al, (Radiology), 155-552 1085 155: 553, 1985
- pathology of primary brain tumors, Zimmerman HM, (Semin Roentgenol), 19: 129, 1984
- phase I study of mixed (neutron and photon) praise I study of make (neutron and prioron) irradiation using two fractions per day in the treatment of high-grade astrocytomas, Duncan W; McLelland J; Davey P; et al. (Br J Radiol), 59; 441, 1986 results of a randomised trial of mixed-schedule
- (neutron/photon) irradiation in the treatment of supratentorial grade III and grade IV astrocytoma, Duncan W; McLelland J; Jack WJL; et al., (Br J Radiol), 59: 379 1986
- sonographic appearance of congenital malignant astrocytoma, Osborn RA; McGahan JP; Dublin AB, (AJNR), 5: 814, 1984

#### Ataxia

thoracic manifestations of neurocutaneous diseases, Aughenbaugh GL, (Radiol Clin North Am), 22: 741, 1984

# Atelectasis

See Lung, collapse Atherosclerosis

# See Arteriosclerosis

### Athletics

- bone scintigraphy and radiography in young athletes with low back pain, Papanicolaou N; Wilkinson RH; Emans JB; et al, (AJR), 145: 1039, 1985
- rectus femoris muscle bone-image uptake in a sprinter, Telepak RJ; Hartshorne MF; Bauman JM; et al, (Clin Nucl Med), 11: 365, 1986

#### Atlas and axis

- tas and ans odontoid upward migration in rheumatoid arthritis: analysis of 45 patients with "cranial settling", Menezes AH; VanGilder JC; Clark CR; et al, (Radiology), 161: 287, 1986
- symptomatic (lantoaxial subluxation in persons w.,h Down syndrome, Pueschel SM; Herndon JH; Gelch MM; et al, (Radiology), 155: 856, 1985

# Atlas and axis, abnormalities absent dens on submentovertex view of the

- skull: new sign of an abnormal odontoid, Gurney JW, (J Canad Assoc Radiol), 37: 38, 1986
- atlantooccipital instability in Down syndrome, Rosenbaum DM; Blumhagen JD; King HA, (AJR), 146: 1269, 1986
- CT recognition of anomalies of the posterior arch of the atlas vertebra: differentiation from fracture, Dorne HL; Just N; Lander PH, (AJNR), 7: 176, 1986
- (A) Posterior atlantooccipital subluxation in Down syndrome, El-Khoury GY; Clark CR; Dietz FR; Harre RG; Tozzi JE; Kathol MH, (Radiology), 159: 507, 1986
- section of the odontoid process by a shortened transverse ligament (a possible etiology for the mobile odontoid), Wackenheim A; Burguet JL; Sick H, (Neuroradiol), 28: 281,

# Atlas and axis, abnormalities

spondyloschisis of the anterior arch of the atlas, Chalmers AG; Gallegos NC, (Radiology), **158**: 859, 1986

Atlas and axis, anatomy low (type III) odontoid fracture: a new radiographic sign, Harris JH Jr; Burke JT; Ray RD; Nichols-Hostetter S; Lester RG, (Radiology), 153: 353, 1984 rontgenbefunde von normalen bewegungen

in den kopfgelenken [radiology of normal motion of the craniocervical junction]. vol. 101 of die wirbelsaule in forschung und praxis [the vertebral column: progress and practice], Kamieth H, Reviewed by Oestreich AE, (Radiology), 153: 148, 1984

Atlas and axis, dislocation

atlanto-axial dislocation atlanto-axial dislocation in an 18-year-old female with yersinia arthritis, Vilppula AJ; Jussila TUA; Kokko AM-L, (Radiology), **157**: 280, 1985

case report 344, Dowd CF; Sartoris DJ; Haghighi P; et al, (Skeletal Radiol), 15: 65,

cervical vertebrae subluxation, Hopla DM; Mazur JM; Bass RM, (Radiology), 152: 553,

differential diagnosis and radiological work up bilateral lateral atlantoaxial offset, Prager PJ, (Radiology), 152: 551, 1984

management of traumatic spondylolisthesis of the axis, Levine AM; Edwards CC, (Radiology), 156: 564, 1985 pseudotumor of the craniovertebral junction

associated with chronic subluxation: MR imaging studies, Sze G; Brant-Zawadzki MN; Wilson CR; Norman D Newton TH, (Radiology), 161: 391, 1986

Atlas and axis, fractures

fractures of the craniovertebral junction tractures of the cranoverteeral junction associated with other fractures of the spine: overlooked entity?, Lee C; Rogers LF; Woodring JH; et al, (AJNR), 5: 775, 1984 fractures of the dens: multicenter study, Clark CR; White AA, (Radiology), 159: 821, 1986

low (type III) odontoid fracture: a new radiographic sign, Harris JH Jr, Burke JT; Ray RD; Nichols-Hostetter S; Lester RG, (Radiology), 153: 353, 1984

unilateral posterior arch fractures of the atlas Suss RA; Bundy KJ, (AJNR), 5: 783, 1984 vertical fracture of the odontoid: CT diagnosis, Johnson JE; Yang PJ; Seeger JF; et al, (JCAT), 10: 311, 1986

Atrial septal defect

atrial septal defect, Green CE; Gottdiener JS; Goldstein HA, (Semin Roentgenol), 20: 214,

cyanotic ostium secundum atrial septal defect without pulmonary hypertension and clinical signs of heart disease, Ikaheimo MJ; Pokela RE; Karkola PJ; et al, (Radiology), 152: 264, 1984

diagnosis of increased pulmonary blood flow diagnosis of increased pulmonary pilod now by suprasternal M-mode echocardiography in atrial septal defect, Kasper W; Treese N; Pop T; et al, (Radiology), **152**: 863, 1984 diastolic ventricular septal motion in atrial

assonic verifications expanding the arrangements septal defect: analysis of M-mode echocardiograms in 31 patients, Chazal RA; Armstrong WF; Dillon JC; et al, (Radiology), 152: 264, 1984

magnetic resonance imaging of the interatrial septum and atrial septal defects, Dinsmore RE; Wismer GL; Guyer D; et al, (AJR), 145: 697, 1985

Azotemia See Uremia

B

Bacillus Calmette-Guerin (BCG)

intravesical bacillus Calmette-Guerin therapy and associated granulomatous renal mas Stanisic TH; Brewer ML; Graham AR, (Radiology), 160: 285, 1986 thoracic tuberculosis, mycobacteriosis,

MERosis, and BCGosis in a cancer treatment center, Hill CA, (Radiology), 153: 311, 1984

Bacteria

effect of contrast media on the growth of bacteria, Dawson P; Becker A; Holton JM, (Radiology), 152: 252, 1984

mesenteric adenitis and acute terminal ileitis: US evaluation using graded compression, Puylaert JBCM, (Radiology), 161: 691, 1986

microorganisms as antineoplastic agents in CNS tumors, Kapp JP, (Radiology), 152: 258,

radiographic features of epidemic and sporadic Q-fever pneumonia, Gordon JD; MacKeen AD; Marrie TJ; et al, (Radiology), 156: 262, 1985

Baker cyst

See Knee, cysts

Balloons

See Catheters and catheterization

anaphylactic and allergic reactions during double-contrast studies: is glucagon or barium suspension the allergen?, Gelfand DW; Sowers JC; DePonte KA; et al, (AJR), 144: 405, 1985

barium capsules, Danielson KS; Hunter TB, (AJR), 144: 414, 1985

barium suspension formulation for use with the bubbly barium method, DeLange EE; Shaffer HA, (Radiology), **154**: 825, 1985

caecal bariolith: unusual complication following a barium meal, Gupta SK; Fraser GM, (Radiology), **157:** 565, 1985

comparison of dilute barium and dilute water soluble contrast opacification of the bowel for abdominal computed tomography, Chambers SE; Best JJK, (Radiology), 156: 281,

comparison of endoscopy and barium swallow with marshmallow in dysphagia, Somers S; Stevenson GW; Thompson G, (J Canad Assoc Radiol), 37: 73, 1986

comparison of two high-density barium sulphate preparations for double-contrast barium meals, Bell JM; Glatthaar L; Stoddart PGP; et al, (Radiology), 156: 265,

effect of barium suspension viscosity on the delineation of areae gastricae, Rubesin SE; Herlinger H, (AJR), 146: 35, 1986

hydrophilic-lipophilic balance as predictor of mucus coating with barium sulfate, Salomonowitz E; Frick MP; Morin RL; et al, (Gastrointest Radiol), 11: 93, 1986

mucus and barium workshop, New York, October 1983, (Radiology), (Radiology), 155: 850, 1985

tube esophagram: a technique for obtaining a detailed double-contrast examination of the esophagus, Levine MS; Kressel HY; Laufer I; et al., (AJR), 142: 293, 1984

Barium enema examination

appendiceal filling by double-contrast barium enema, Harding JA; Glick SN; Teplick SK; et al. (Gastrointest Radiol), 11: 105, 1986

audit on the use of the barium enema, Vellacott KD; Virjee J, (Radiology), 161: 573,

barium enema after biopsy: current practice and opinion, Merrill CR; Steiner GM, (Clin Radiol), 37: 89, 1986

barium enema in appendicitis: spectrum of appearances and pitfalls, Rice RP; Thompson WM; Fedyshin PJ; Merten DF; Kelvin FM; Williford ME, (Radiographics), 4: 393, 1984

CO<sub>2</sub> delivery system for double-contrast barium enema examinations, Bernier P, Coblentz C, (Radiology), 159: 264, 1986

correlation of double-contrast high-density barium enema, colonoscopy, and histology in children with special attention to dispartities, Stringer DA; Sherman PM; Jakowenko N, (Pediatr Radiol), 16: 298, 1986

disposable umbrella catheter: an alternative to the standard balloon enema catheter, Hirsch G; Sackler JP; Posteraro RH; Peng JJS; Blackwell DE; Leo JS. (Radiology), 152: 533,

diversion colitis demonstrated by double-contrast barium enema, Scott RL; Pinstein ML, (AJR), 143: 767, 1984

early rectal tube removal for improved patient tolerance during double-contrast barium enema examination, Maglinte DDT; Miller RE; Chernish SM; Lappas JC, (Radiology), 155: 525, 1985

effect of barium enemas and barium sulfate on healing of colorectal biopsy sites, Maglinte DDT; Strate RW; Strong RC; et al, (Radiology), 152: 550, 1984

effect of glucagon on the diagnostic accuracy of double-contrast barium enema examinations, Thoeni RF; Vandeman F; Wall SD, (AJR), 142: 111, 1984

feasibility of double-contrast barium enema in the elderly, Wolf EL; Frager D; Beneventano TC, (AJR), 145: 47, 1985

Hirschsprung disease: accuracy of the barium enema examination, Rosenfield NS; Ablow RC; Markowitz RI; DiPietro M; Seashore JH; Touloukian RJ; Cicchetti DV, (Radiology), 150: 393, 1984

irritable bowel syndrome: is a barium enema necessary?, Treacher DF; Chapman JR; Nolan DJ; et al, (Clin Radiol), 37: 87, 1986

is there a safe interval between diagnostic invasive procedure and the barium enema study of the colorectum?, Culp CE; Carlson HC, (Radiology), 152: 841, 1984

nonspecificity of barium enema findings in acute appendicitis, Fedyshin PJ; Kelvin FM; Rice RP, (AJR), 143: 99, 1984

pain after barium enema: effect of CO2 and air on double-contrast study, Coblentz CL; Frost RA; Molinaro V; Stevenson GW, (Radiology), **157**: 35, 1985

randomized blinded clinical trial of a rapid colonic lavage solution (golytely) compared with standard preparation for colonoscopy and barium emema, Ernstoff JJ, Howard DA; Marshall JB; et al, (Radiology), 151: 259, 1984

reduction of fluoroscopic exposure for the air contrast barium enema, Bednarek DR; Rudin S; Wong R; et al, (Radiology), **153**: 561, 1984

retrograde ileography: value of glucagon, Monsein LH; Halpert RD; Harris ED; Feczko PJ, (Radiology), **161**: 558, 1986

role of decubitus films in double-contrast barium enemas, Stoddart PGP; Virjee J, (Radiology), **152**: 550, 1984

sensitivity of double-contrast barium study for left-colon polyps, Rex DK; Lehman GA; Lappas JC; Miller RE, (Radiology), **158**: 69, 1986

single-contrast vs double-contrast barium enema in the detection of colonic polyps, Ott DJ; Chen YM; Gelfand DW; et al, (AJR),

small bowel double-contrast enema in stage III ovarian cancer, Wittich G; Salomonowitz E; Szepesi T; et al, (AJR), 142: 299, 1984

small-bowel enema in the diagnosis of adhesive obstructions, Caroline DF; Herlinger H; Laufer I; et al, (AJR), **142**: 1133,

ulcerative and granulomatous colitis in children: comparison of double- and single-contrast studies, Winthrop JD; Balfe DM; Shackelford GD; McAlister WH; Rosenblum JL; Siegel MJ, (Radiology), 154: 657, 1985

value of the small bowel enema in children, Stringer DA; Cloutier S; Daneman A; et al, (J Canad Assoc Radiol), **37**: 13, 1986

Barium enema examination, complications

bacteremia during double-contrast barium enema examination, Conces DJ Jr; Lappas JC; Cockerill EM, (Radiology), 155: 49, 1985

barium filling for glucagon-resistant spasm on double-contrast barium enema examinations, Levine MS; Gasparaitis AE, (Radiology), 160: 264, 1986

clinical application of in vitro studies for barium-enema examination following colorectal biopsy, Harned RK; Williams SM; Maglinte DDT; Hayes JM; Paustian FF; Consigny PM, (Radiology), **154**: 319, 1985

hypersensitivity reactions after barium enema examination, Schwartz EE; Glick SN; Foggs MB; et al, (AJR), 143: 103, 1984

hypersensitivity reactions after barium studies of the upper and lower gastrointestinal tract, Janower ML, (Radiology), **161**: 139, 1986

new, safe balloon enema tip, Lu CC, (Radiology), 150: 835, 1984

Barium enema examination, technology

adhesiometer: a simple device to measure adherence of barium sulfate to intestinal mucosa, Salomonowitz E; Frick MP; Cragg AH; et al, (AJR), 142: 721, 1984

barium enema scout film: cost effectiveness and clinical efficacy, Schwab FJ; Glick SN; Teplick SK; Adler LP, (Radiology), 160: 619, 1986

barium gun for use in enteroclysis, Taucer F; Bach D; Olutola PS, (Gastrointest Radiol), 11: 203. 1986

CO2 delivery system for double-contrast

CO<sub>2</sub> delivery system for double-contrast barium enema examinations, Bernier P; Coblentz C, (Radiology), 159: 264, 1986 colon polyps and carcinomas: prospective comparison of the single- and double-contrast examination in the same patients, de Roos A; Hermans J; Shaw PC; Kroon HM, (Radiology), 154: 11, 1985 comparison of Golytely lavage with standard diet/cathartic preparation for double-contrast barium enema, Girard CM; Rugh KS; DiPalma JA; et al, (AJR), 142: 1147, 1984

new, safe balloon enema tip, Lu CC, (Radiology), 150: 835, 1984

(Nationary) 1506-053/1504 preliminary study of the possible benefits of using carbon dioxide insufflation during double-contrast barium enema, Grant DS; Bartram Cl; Heron CW, (Br J Radiol), 59: 190,

maneuver, Maglinte DDT; Miller RE, (AJR), 142: 719, 1984

#### Basal cell nevus syndrome

See Jaws, neoplasms

Basal ganglia

computed tomographic-arteriographic correlates in acute basal ganglionic infarction of childhood, Zimmerman RA; Bilaniuk LT; Packer RJ; et al, (Radiology), 150: 859, 1984

multiple system atrophy (Shy-Drager syndrome): MR imaging, Pastakia B; Polinsky R; Di Chiro G; Simmons JT; Brown R; Wener L, (Radiology), **159**: 499,

sonography of the internal capsule and basal ganglia in infants: part II: localization of pathologic processes in the sagittal section through the caudothalamic groove, Naidich TP; Yousefzadeh DK; Gusnard DA; Naidich JB. (Radiology), 161: 615, 1986

Basal ganglia, calcification

dystonia and calcification of the basal ganglia, Larsen TA; Dunn HG; Jan JE; et al, (Radiology), 158: 860, 1986

prevalences of CT-detected calcification in the basal ganglia in idiopathic hypoparathyroidism and pseudohypoparathyroidism, Illum I; Dupont E, (Radiology), **156**: 860, 1985

**Basilar impressions** 

See Skull, abnormalities Battered children

See Children, injuries; Infants, injuries

Behcet disease

arterial manifestations of Behcet disease, Park JH; Han MC; Bettmann MA, (AJR), 143: 821, 1984

Behcet's syndrome involving the gastrointestinal tract—diagnostic dilemma in childhood, Stringer DA; Cleghorn GJ; Durie PR; et al. (Pediatr Radiol), 16: 131,

Budd-Chiari syndrome and renal failure in Behcet disease. report of a case and review of the literature, Wilkey D; Yocum DE; Oberley TD; et al, (Radiology), 153: 561, 1984

case of the bulging Bulgarian, Halpern Z; Averbuch M; Papo J; et al, (Br J Radiol), 59: 187, 1986

CT and MR imaging in neuro-Behcet disease, Willeit J; Schmutzhard E; Aichner F; et al, (JCAT), 10: 313, 1986

neuro-Behcet's disease with alternating hemiparesis, Kuroiwa Y; Tohgi H; Kanayama H; et al, (Neuroradiol), 28: 284, 1986

pacemaker implantation in a patient with a Behcet's disease associated with superior vena cava obstruction, Or I; Roguin N; Yahalom M; et al. (Cardiovasc Intervent Radiol), 9: 13, 1986

pulmonary artery aneurysms in Behcet's disease, Gibson RN; Morgan SH; Krausz T; et al. (Radiology), 157: 279, 1985 ultrasonic appearance of the liver in hepatic venous outflow obstruction (Budd-Chiari syndrome): case of pseudohepatic infarct associated with Behcet's disease, Nakayama S; Sakata J; Kusumoto S; et al, (JCU), 14: 300, 1986

vascular aspects of Behcet disease. case presentations and review of literature, Adler OB; Rosenberger A, (Radiology), 154: 271, 1985

bile leakage over the hepatic surface detected by hepatobiliary imaging, Nakajima K; Tonami N; Hisada K; et al, (Clin Nucl Med), 11: 358, 1986

CT evaluation of intracholecystic bile, Rebner M; Ruggieri PM; Gross BH; et al, (AJR), 145: 237, 1985

evaluation and treatment of intraabdominal bilomas, Vazquez JL; Thorsen MK; Dodds WJ; et al, (AJR), **144**: 933, 1985

gallbladder bile: experimental study in dogs using MR imaging and proton MR spectroscopy. Dema BE: Hricak H; Moseley M; Wall SD; Moon KL Jr; Goldberg HI; Margulis AR, (Radiology), 157: 433, 1985

gallbladder bile in cholecystitis: in vitro MR evaluation, Loflin TG; Simeone JF; Mueller PR; Saini S; Stark DD; Butch RJ; Brady TJ; Ferrucci JT Jr, (Radiology), 157: 457, 1985

inspissated bile in a neonate with cystic fibrosis, Davies CH; Daneman A; Stringer DA, (J Ultrasound Med), 5: 335,

intrahepatic bile leak producing delayed accumulation of technetium-99m DISIDA in an amebic liver abscess, Prakash R; Jena A; Behari V; et al, (Clin Nucl Med), 11: 360,

Bile duct radiography

bacteriological study of transhepatically aspirated bile. relation to cholangiographic findings in 295 patients, Suzuki Y; Kobayashi A; Ohto M; et al, (Radiology), 153: 268, 1984

bile duct obstruction: radiologic evaluation of level, cause, and tumor resectability, Gibson RN; Yeung E: Thompson JN; Carr DH; Hemingway AP; Bradpiece HA; Benjamin IS; Blumgarat LH; Allison DJ, (Radiology), 160: 43, 1986

cholangiographic appearance in clonorchiasis, Choi TK; Wong KP; Wong J, (Radiology), 155: 271, 1985

diagnosis and treatment of jaundice, May GR; James EM; Bender CE; Williams HJ Jr; Adson MA, (Radiographics), **6:** 847, 1986

direct cholangiography: its diagnostic and therapeutic role, Connon JJ, (Radiology), 153: 268, 1984

early diagnosis of acute gallbladder disease: the accuracy of overnight eight-hour infusion cholangiography, Thomson GJL; Simpson CJ; Hansell DT; et al, (Radiology), 155: 271, 1985

endoscopic retrograde cholangiography with a balloon catheter: analysis of 100 consecutive cases, Yoshimoto H; Ikeda S; Tanaka M; Matsumoto S; Nakayama F, (Radiology), 159: 53, 1986

endoscopic retrograde cholangiopancreatography in the diagnosis of cystic duct syndrome, Gowen GF, (Radiology), 155: 850, 1985

experimental assessment of imaging variables associated with operative ultrasonic and radiographic cholangiography, Machi J; Sigel B; Spigos DG; et al., (Radiology), 153: 280, 1984

gallbladder and biliary system. guide to diagnostic imaging. volume 2, Kovac A; Sanowski RA; Kozarek RA, Reviewed by Griffiths HJ, (Radiology), 151: 314, 1984

idiopathic perforation of the biliary tract in infancy, Stringel G; Mercer S, (Radiology), 152: 851, 1984

interventional radiology in infants and children: clinical and technical aspects, Diament MJ; Boechat MI; Kangarloo H, (Radiology), 154: 359, 1985

magnification in cholangiography, Nichols DM; Burhenne HJ, (AJR), 142: 947,

operative cholangiography by direct puncture of the common bile duct, Merrill JR, (Radiology), **153**: 846, 1984

percutaneous transhepatic cholangiography and drainage: risks and complications, Nilsson U; Evander A; Ihse I; et al, (Radiology), **152**: 847, 1984

radiological features of sclerosing cholangitis, Doyle TCA; Roberts-Thomson IC, (Radiology), **154**: 554, 1985

(Adiology), 134; 534, 1965 role of endoscopic retrograde cholangiopancreatography in the diagnosis and treatment of choledochocele, Venu RP; Geenen IE; Hogan WJ; et al, (Radiology), 156: 856, 1985

156: 856, 1985
safe intercostal approach? pleural complications in abdominal interventional radiology, Nichols DM; Cooperberg PL; Golding RH; et al. (AJR), 142: 1013, 1984 ultrasonically guided percutaneous transhepatic transcholecystocholangiography in the nondilated biliary tree, Illescas FF; Braun SD; Cohan RH; et al. (Gastrointest Radiol), 11: 77, 1986

update of interventional biliary radiology, Moore PT; Clark RA, (Semin US CT MR), 5: 349, 1984

Bile duct radiography, contrast media

endoscopic retrograde cholangiography with a balloon catheter: analysis of 100 consecutive cases, Yoshimoto H; Ikeda S; Tanaka M; Matsumoto S; Nakayama F, (Radiology), 159: 53 1986

Bile duct radiography, intraoperative

operative cholangiography—techniques and inadequacies, Foster ME; Foster DR, (Radiology), 155: 271, 1985 routine intraoperative cholangiogram, Kitahama A; Kerstein MD; Overby JL; et al, (Radiology), 160: 856, 1986

Bile duct radiography, technology

accuracy of percutaneous transhepatic cholangiography (P.T.C.) using the Chiba needle in the diagnosis of level and cause of cholestasis, Juttijudata P; Palavatana C; Chiemchaisri C; et al, (Australas Radiol), 30:

common bile duct obstruction: assessment by transcholecystic cholangiography, Teplick SK; Haskin PH; Sammon JK; Clearfield HR; Borowsky LM; Gambescia RA; Zitomer N; Goldstein RC, (Radiology), 161: 135, 1986

diagnostic and therapeutic percutaneous gallbladder procedures, vanSonnenberg E; Wittich GR; C-sola G; Princenthal RA; Hofmann AF; Keightley A; Wing VW, (Radiology), 160: 23, 1986

optimal cholangiographic technique for detecting bile duct stones, Thompson WM; Halvorsen RA Jr; Foster WL Jr; et al. (AJR), 146: 537, 1986

percutaneous transcholecystic cholangiography: experimental study, Teplick SK; Haskin PH; Pavlides CA; et al, (AJR), 444: 1059, 1985

**Bile ducts** 

See also Gallbladder

bile duct scarring following ethanol embolization of the hepatic artery: an experimental study in monkeys, Doppman JL; Girton ME, (Radiology), 152: 621, 1984

ethanol for hepatic artery embolization, Wallace S; Charnsangavej C; Carrasco CH; Bechtel WJ, (Radiology), **152**: 821, 1984

increased incidence of hypothyroidism in primary biliary cirrhosis, Elfa GH; Sepersky R; Goldberg MJ; et al, (Radiology), 152: 550, 1984

management of surgically placed silastic transhepatic biliary stents, Kaufman SL; Cameron JL; Adams PE; et al, (AJR), 142: 347, 1984

Bile ducts, abnormalities

apparent gut excretion of Tc-99m-DISIDA in a case of extrahepatic biliary atresia, Williamson SL, Seibert JJ, Butler HL; et al, (Pediatr Radiol), 16: 245, 1986

Caroli disease: high-frequency US and pathologic findings, Marchal GJ; Desmet VJ; Proesmans WC; Moerman PL; Van Roost WW; Van Holsbeeck MT; Baert AL, (Radiology), 158: 507, 1986

cholecystohepatic connection in a case of extrahepatic biliary atresia: a 27-year follow-up, Schorlemmer GR; Wild RE; Mandell VS; et al., (Radiology), 155: 548,

computed tomography of choledochocele, Pollack M; Shirkhoda A; Charnsangavej C, (JCAT), 9: 360, 1985

congenital bronchobiliary fistula, Chang CCN; Giulian BB, (Radiology), 156: 82, 1985

- pediatric liver transplantation. part I. standardization of preoperative diagnostic imaging, Ledesma-Medina J; Dominguez R; Bowen A; Young LW; Bron KM, (Radiology), 157: 335, 1985
- radiographic assessment of anomalous bile ducts, Sussman SK; Hall FM; Elboim CM, (Gastrointest Radiol), 11: 269, 1986
- role of endoscopic retrograde cholangiopancreatography in the diagnosis and treatment of choledochocele, Venu RP; Geenen JE; Hogan WJ; et al, (Radiology),
- ultrasound findings in biliary atresia in children. study with surgical correlation in 86 cases, Brun P; Gauthier F; Boucher D; et al, (Radiology), **158**: 283, 1986

#### Bile ducts, anatomy

variants of pancreatic duct system of anants of pancreaus dust system of importance in endoscopic retrograde cholangiopancreatography, observations on autopsy specimens, Sigfusson BF; Wehlin L; Lindstrom CG, (Radiology), 151: 819, 1984

#### Bile ducts, biopsy

- fine needle aspiration biopsy in malignant obstructive jaundice, Cohan RH; Illescas FF; Braun SD; et al, (Gastrointest Radiol), **11**:
- fine-needle aspiration biopsy: pancreatic and biliary tumors, Hall-Craggs MA; Lees WR, (AJR), **147**: 399, 1986
- fine-needle aspiration biopsy via percutaneous transhepatic catheterization: technique and clinical results, Kuroda C; Yoshioka H; Tokunaga K; et al, (Gastrointest Radiol), 11: 81.1986

#### Bile ducts, calculi

- acute gangrenous cholecystitis: radionuclide diagnosis, Brachman MB; Tanasescu DE; Ramanna L; Waxman AD, (Radiology), **151**:
- comparison of computed tomography and sonography in choledocholithiasis, Mitchell SE; Clark RA, (AJR), **142**: 729, 1984
- early extraction of residual biliary tract stones: a two-guide-wire technique, Hublitz UF; Cogliano FD; Arena PJ, (AJR), 143: 1090, 1984
- experimental assessment of imaging variables associated with operative ultrasonic and radiographic cholangiography, Machi J; Sigel B; Spigos DG; et al, (Radiology), 153: 280, 1984
- hepatobiliary imaging in choledocholithiasis: comparison with ultrasound, Colletti PM; Ralls PW; Lapin SA; et al, (Clin Nucl Med), 11: 482, 1986
- improved visualization of choledocholithiasis by sonography, Laing FC; Jeffrey RB Jr; Wing VW, (AJR), **143**: 949, 1984
- insensitivity of sonography in the detection of choledocholithiasis, Einstein DM; Lapin SA; Ralls PW; et al, (AJR), 142: 725, 1984
- misdiagnosis of common bile duct stones with ultrasound, Dewbury KC; Smith CL, (Radiology), **152**: 266, 1984
- monoctanoin dissolution of gallstones via a cholecystostomy tube, Shortsleeve MJ; Schatzki SC; Lee DL, (Radiology), 153: 547, 1984
- monooctanoin perfusion for in vivo dissolution of biliary stones: a series of 11 patients, Teplick SK; Haskin PH, (Radiology), 153: 379, 1984
- monoctanoin perfusion treatment of intrahepatic calculi, Butch RJ; MacCarty RL; Mueller PR; Ferrucci JT Jr; Simeone JF; Teplick SK; Haskin PH, (Radiology), 153: 375, 1984
- optimal cholangiographic technique for detecting bile duct stones, Thompson WM; Halvorsen RA Jr; Foster WL Jr; et al, (AJR), 146: 537, 1986
- percutaneous transhepatic electrohydraulic lithotripsy, Lear JL; Ring EA; Macoviak JA; Baum S, (Radiology), **150**: 589, 1984
- percutaneous transhepatic removal of a common bile duct stone after mono-octanoin infusion, Haskin PH; Teplick SK; Gambescia RA; Zitomer N; Pavlides CA, (Radiology), 151: 247, 1984
- percutaneous transhepatic removal of common duct stones: report of ten patients, Clouse ME; Falchuk KR, (Radiology), 153: 564 1984

- postoperative choledochoscopy. a five-year experience, Jakimowicz JJ; Mak B; Carol EJ; et al, (Radiology), **151:** 546, 1984
- retroperitoneal perforation during duodenoscopic sphincterotomy, Byrne P; Leung JWC; Cotton PB, (Radiology), 150: 383, 1984
- ultrasonic lithotripsy of retained common-bile-duct stone, Bean WJ; Daughtry JD; Rodan BA; et al, (AJR), 144: 1275, 1985
- ultrasound detection of choledocholithiasis: prospective comparison with ERCP in the postcholecystectomy patient, O'Connor HJ; Hamilton I; Ellis WR; et al, (Gastrointest Radiol), 11: 161, 1986
- US diagnosis of choledocholithiasis: reappraisal, Cronan JJ, (Radiology), **161**: 133, 1986

### Bile ducts, CT

- bile duct obstruction: radiologic evaluation of le duct obstruction: radiologic evaluation level, cause, and tumor resectability, Gibson RN; Yeung E; Thompson JN; Carr DH; Hemingway AP; Bradpiece HA; Benjamin Is; Blumgart LH; Allison DJ, (Radiology), 160: 43, 1986
- case of biliary cystadenocarcinoma with recurrent jaundice: diagnostic evaluation of computed tomography, Kanamori H; Kawahara H; Oh S; et al, (Radiology), 157:
- cholangiocarcinoma: imaging by MR, Dooms GC; Kerlan RK Jr; Hricak H; Wall SD; Margulis AR, (Radiology), **159**: 89,
- comparison of computed tomography and sonography in choledocholithiasis, Mitchell SE; Clark RA, (AJR), 142: 729, 1984
- computed tomographic demonstration of hemobilia, Vujic I; Stanley JH; Tyminski LJ; et al, (Radiology), **150**: 296,
- computed tomography of choledochocele, Pollack M; Shirkhoda A; Charnsangavej C, (JCAT), 9: 360, 1985
- CT and sonography of multiple bile-duct hamartomas simulating malignant liver disease (case report), Eisenberg D; Hurwitz L; Yu AC, (AJR.), 147: 279, 1986
- CT evaluation of the bile ducts in patients with fatty liver, Quint LE; Glazer GM, (Radiology), 153: 755, 1984
- diagnosis and treatment of jaundice, May GR; James EM; Bender CE; Williams HJ Jr; Adson MA, (Radiographics), 6: 847, 1986
- evaluation of common bile duct diameter using high resolution computed tomography, Co CS; Shea WJ Jr; Goldberg HI, (JCAT), 10: 424, 1986
- hepatic lobar atrophy following obstruction of the ipsilateral portal vein from hilar cholangiocarcinoma, Takayasu K; Muramatsu Y; Shima Y; Moriyama N; Yamada T; Makuuchi M, (Radiology), 160: 389, 1986
- iatrogenic sclerosing cholangitis following hepatic arterial chemotherapy infusion, Pien EH; Zeman RK; Benjamin SB; Barth KH; Jaffe MH; Choyke PL; Clark LR; Paushter DM, (Radiology), 156: 329, 1985
- imaging of biliary obstruction, Cronan JJ, (Semin US CT MR), 5: 376, 1984
- primary biliary carcinoma: CT evaluation, Thorsen MK, Quiroz F; Lawson TL; Smith DF; Foley WD; Stewart ET, (Radiology), **152**: 479, 1984
- radiologic demonstration of Caroli's disease: case report, Takaki Y; Takahashi M; Ueno S; et al, (CT), 10: 153, 1986

#### Bile ducts, cysts

- childhood choledochal cyst with intrahepatic enlarged cyst-like bile ducts, Jequier S; Capusten B; Guttman F; et al, (Radiology), 153: 851, 1984
- cholangiocarcinoma in a choledochal cyst: preoperative diagnosis, Montana MA; Rohrmann CA, (AJR), **147**: 516, 1986
- congenital choledochal cyst with intrahepatic involvement, Todani T; Watanabe Y; Fujii T; et al, (Radiology), 2"5: 850, 1985
- cystic dilatation of the common bile duct, Lydigakis NJ, (Radiology), 156: 563, 1985 duplication of the gallbladder associated with childhood obstructive biliary disease and biliary cirrhosis, Granot E; Deckelbaum RJ; Gordon R; et al, (Radiology), 153: 566, 1984

- MR imaging of a choledochal cyst, Alexander MC; Haaga JR, (JCAT), 9: 357, 1985
- prenatal ultrasound diagnosis of choledochal cyst, Elrad H; Mayden KL; Ahart S; et al, (J Ultrasound Med), 4: 553, 1985

#### Bile ducts, dilatation

- balloon dilatation of benign biliary strictures, Salomonowitz E; Castaneda-Zuniga WR; Lund G; Cragg AH; Hunter DW; Coleman CC; Amplatz K, (Radiology), 151:
- bile-duct dilatation after laparotomy: potential effect of intestinal hypomotility, Raptopoulos V; Smith EH; Cummings T; et al, (AJR), 147: 729, 1986
- bile duct dilatation and immunodeficiency in children. report of four cases, Garel L; Brunelle F; Fischer A; et al, (Radiology), **158**: 283, 1986
- biliary dilatation: defining the level and cause by real-time US, Laing FC; Jeffrey RB Jr; Wing VW; Nyberg DA, (Radiology), 160: 39,
- of clinical management in 73 patients, Mueller PR; vanSonnenberg E; Ferrucci JT Jr; Weyman PJ; Butch RJ; Malt RA; Burhenne HJ, (Radiology), 160: 17,
- Coaxial cancer dilator, Cardella JF; Hunter DW; Castaneda-Zuniga WR; Young AT; Amplatz K, (Radiology), 157: 820, 1985 CT evaluation of the bile ducts in patients with fatty liver, Quint LE; Glazer GM, (Radiology), 153: 755, 1984
- (Radiology), 153: 753, 1564 cystic dilatation of the common bile duct, Lydigakis NJ, (Radiology), 156: 563, 1985 dilatation of the common bile duct secondary to a hydronephrotic kidney, Cohen LM; Sachs L; Hill MC, (CT), 10: 291, 1986
- hemobilia: cause of false-negative ductal dilatation, Laffey PA; Teplick SK; Haskin PH, (JCU), 14: 636, 1986
- MR imaging of the dilated biliary tract, Dooms GC; Fisher MR; Higgins CB; Hricak H; Goldberg HI; Margulis AR, (Radiology), 158: 337, 1986
- new concepts in biliary ultrasound, Mueller PR: Simeone JF, (Semin US CT MR), 5: 333, 1984
- nonoperative dilatation of dominant strictures in primary sclerosing cholangitis, May GR; Bender CE; LaRusso NF; et al, (AJR), 145:
- percutaneous transjejunal biliary dilatation: alternate management for benign strictures, Russell E; Yrizarry JM; Huber JS; Nunez D Jr; Hutson DG; Schiff E; Reddy KR; Jeffers LJ; Williams A, (Radiology), **159**: 209,
- secretin administration induces a dilatation of main pancreatic duct, Bolondi L; Gaiani S; Gullo L; et al. (Radiology), 155: 556, 1985 sonographic differentiation of enlarged hepatic arteries from dilated intrahepatic bile ducts, Wing VW, Laing FC; Jeffrey RB Jr. (AJR), 145: 57, 1985

### Bile ducts, diseases

- bacteriological study of transhepatically aspirated bile. relation to cholangiographic findings in 295 patients, Suzuki Y; Kobayashi A; Ohto M; et al, (Radiology), 153: 268, 1984
- biliary dilatation: defining the level and cause by real-time US, Laing FC; Jeffrey RB Jr; Wing VW; Nyberg DA, (Radiology), **160**: 39,
- Caroli disease: high-frequency US and pathologic findings, Marchal GJ; Desmet VJ; Proesmans WC; Moerman PL; Van Roost WW; Van Holsbeeck MT; Baert AL, (Radiology), **158**: 507, 1986
- congenital hepatic fibrosis with saccular dilatation of intrahepatic bile ducts and infantile polycystic kidneys, Davies CH; Stringer DA; Whyte H; et al, (Pediatr Radiol), 16: 302, 1986
- evaluation of jaundiced patients—a surgeon's perspective, Ottinger LW, (Semin US CT MR), 5: 399, 1984
- evaluation of the jaundiced patient—an internist's perspective, Richter JM, (Semin US CT MR), 5: 369, 1984
- operative ultrasonography in the biliary tract during pregnancy, Machi J; Sigel B; McGrath EC; et al. (Radiology), 156: 570,

- percutaneous biliary drainage in diffuse Caroli's disease (case report), Rose SC; Kumpe DA; Weil R III, (AJR), 147: 159, 1986
- percutaneous transhepatic sphincterotomy in the management of biliary tract disease, Cobourn C; Makowka L; Ho C-S; et al, (Gastrointest Radiol), 11: 273, 1986
- radiologic demonstration of Caroli's disease: case report, Takaki Y; Takahashi M; Ueno S; et al, (CT), 10: 153, 1986
- right upper quadrant pain and tenderness in a young man, Middleton WD; Inouye LW; Picus D, (Invest Radiol), 21: 670, 1986
- sclerosing cholangitis: cholescintigraphy with Tc-99m-labeled DISIDA, Ament AE; Bick RJ; Miraldi FD; Haaga JR; Wiedenmann SD, (Radiology), 151: 197, 1984
- update of interventional biliary radiology, Moore PT; Clark RA, (Semin US CT MR), 5:

#### Bile ducts, endoscopic drainage

biliary decompression: institutional comparison of percutaneous and endoscopic methods, Stanley J; Gobien RP; Cunningham J; Andriole J, (Radiology), 158: 195, 1986

#### Bile ducts, gas

air-filled left hepatic duct: the saber sign as an aid to the radiographic diagnosis of pneumobilia, Lewandowski BJ; Withers C; Winsberg F, (Radiology), 153: 329, 1984

### Bile ducts, hemorrhage

- life ducts, hemorrhage biliary catheter drainage complicated by hemobilia: treatment by balloon embolotherapy, Mitchell SE; Shuman L; Kaufman SL; Chang R; Kadir S; Kinnison M; White RI Jr, (Radiology), 157: 645, 1985
- computed tomographic demonstration of hemobilia, Vujic I; Stanley JH; Tyminski LJ; et al, (Radiology), **150**: 296,
- demonstration of hematobilia using technetium-99m labeled red blood cells, Lee SM; Lee RGL; Clouse ME; et al, (Clin Nucl Med), 11: 52, 1986
- hemobilia associated with hepatic artery anourysms: scintigraphic detection with technetium-99m-labeled red blood cells, Jackson DE Jr; Floyd JL; Levesque PH, (J Nucl Med), 27: 491, 1986
- hemobilia: cause of false-negative ductal dilatation, Laffey PA; Teplick SK; Haskin PH, (JCU), 14: 636, 1986
- hemobilia: unusual cause of segmental bile duct obstruction, Jackson DE Jr; Floyd JL, (Clin Nucl Med), 11: 77, 1986
- recurrent hemorrhage into the pancreatic duct from a splenic artery aneurysm, Harper PC; Gamelli RL; Kaye MD, (Radiology), **156**: 562,
- treatment of hemobilia by transcatheter vascular occlusion, Vaughan R; Rosch J; Keller FS; et al, (Radiology), **155**: 274, 1985

#### Bile ducts, inflammation

See Cholangitis

#### Bile ducts, injuries

- spontaneous extrahepatic biliary duct perforation in infancy, Fawcett HD; Hayden CK; Swischuk LE; et al, (J Canad Assoc Radiol), 37: 206, 1986
- strategy for the use of biliary scintigraphy in non-iatrogenic biliary trauma, Zeman RK; Lee CH; Stahl RS; Viscomi GN; Baker C; Cahow CE; Dobbins J; Neumann RD; Burrell MI, (Radiology), 151: 771, 1984
- ultrasonographic detection of spontaneous perforation of the extrahepatic bile ducts in infancy, Bahia JO; Boal DKB; Karl SR; et al, (Pediatr Radiol), **16**: 157, 1986

# Bile ducts, leakage

- nonoperative management of benign postoperative biliary strictures, Gallacher DJ; Kadir S; Kaufman SL; Mitchell SE; Kinnison ML; Chang R; Adams P; White RI Jr; Cameron JL, (Radiology), 156: 625, 1985
- percutaneous transhepatic biliary drainage for bile leaks and fistulas, Kaufman SL; Kadir S; Mitchell SE; et al, (AJR), 144: 1055, 1985

#### Bile ducts, MR studies

cholangiocarcinoma: imaging by MR, Dooms GC; Kerlan RK Jr; Hricak H; Wall SD; Margulis AR, (Radiology), **159**: 89,

- MR imaging of a choledochal cyst, Alexander MC; Haaga JR, (JCAT), 9: 357, 1985
- MR imaging of the dilated biliary tract, Dooms GC; Fisher MR; Higgins CB; Hricak H; Goldberg HI; Margulis AR, (Radiology), **158**: 337, 1986
- Bile ducts, neoplasms
  abrupt termination of the common bile duct: a sign of malignancy identified by high-resolution real-time sonography, Jones TB; Dubuisson RL; Hughes JJ; et al, (Radiology), 152: 864, 1984
  - atrophy of the left hepatic lobe caused by a cholangiocarcinoma, Vazquez JL; Thorsen MK; Dodds WJ; et al, (AJR), 144:
  - 594, 1955
    bile duct obstruction: radiologic evaluation of level, cause, and tumor resectability, Gibson RN; Yeung E; Thompson JN; Carr DH; Hemingway AP; Bradpiece HA; Benjamin IS; Blumgart LH; Allison DJ, (Radiology), 160: 43, 1986
- (Radiology), 160: 43, 1986 biliary drainage endoprostheses: experience with 201 placements, Lammer J; Neumayer K, (Radiology), 159: 625, 1986 case of biliary cystadenocarcinoma with recurrent jaundice: diagnostic evaluation of computed tomography, Kanamori H; Kawahara H; Oh S; et al, (Radiology), 157: 921 1082
- cholangiocarcinoma. a place for brachytherapy, Prempree T; Cox EF; Sewchand W; et al, (Radiology), 154: 286,
- cholangiocarcinoma as a late complication of choledochoenteric anastomoses, Herba MJ; Casola G; Bret PM; et al, (AJR), 147: 513, 1986
- Casola G; Bret PM; et al. (AJR), 147: 513, 198 cholangiocarcinoma complicating primary sclerosing cholangitis: cholangiographic appearances, MacCarty RL; LaRusso NF; May GR; Bender CE; Wiesner RH; King JE; Coffey RJ, (Radiology), 156: 43, 1985 cholangiocarcinoma complicating primary sclerosing cholangitis: cholangiographic appearances, Lumsden AB; Alspaugh JP, (Radiology), 158: 856, 1986 cholangiocarcinoma complicating primary
- cholangiocarcinoma complicating primary sclerosing cholangitis: cholangiographic appearances: reply, MacCarty RL, (Radiology), 158: 856, 1986
- cholangiocarcinoma: imaging by MR, Dooms GC; Kerlan RK Jr; Hricak H; Wall SD; Margulis AR, (Radiology), **159**: 89,
- cholangiocarcinoma in a choledochal cyst: preoperative diagnosis, Montana MA; Rohrmann CA, (AJR), 147: 516, 1986
- kontmann CA, (AJK), 147-530, 1700 cholangiocarcinoma in pregnancy: contributions of ultrasound-guided interventional techniques, Nakamoto SK; vanSonnenberg E, (J Ultrasound Med), 4: 557, 1985
- fine needle aspiration biopsy in malignant obstructive jaundice, Cohan RH; Illescas FF; Braun SD; et al, (Gastrointest Radiol), 11:
- Braun SD; et al., (castrointest radiot), 11.
  145, 1986
  hepatic lobar atrophy following obstruction of
  the ipsilateral portal vein from hilar
  cholangiocarcinoma, Takayasu K;
  Muramatsu Y; Shima Y; Moriyama N;
  Yamada T; Makuuchi M, (Radiology), 160:
  2021, 1082.
- 389, 1986
  malignant biliary obstruction: complications of percutaneous biliary drainage, Carrasco CH; Zornoza J; Bechtel WJ, (Radiology), 152: 343, 1984
  primary biliary carcinoma: CT evaluation, Thorsen MK; Quiroz F; Lawson TL;
- Smith DF; Foley WD; Stewart ET, (Radiology), 152: 479, 1984 primary common bile duct carcinoid
- demonstration by computerised tomography, ultrasonography and angiography, Alexander IA; Thomson KR; Kune GA, (Australas Radiol), 30: 34, 1986
- sonographic diagnosis of Klatskin tumors, Machan L; Muller NL; Cooperberg PL, (AJR), 147: 509, 1986 (AJR), 147: 309, 1300 Itrasonic features of cholangiocarcinoma, Subramanyam BR; Raghavendra BN; Balthazar EJ; et al, (Radiology), 155: 556,
- ultrasound appearance of biliary rhabdomyosarcoma, Williams AG Jr; Sheward SE, (JCU), 14: 63, 1986

#### Bile ducts, obstruction See Bile ducts, stenosis

See DIE ducts, stenosis Bile ducts, percutaneous drainage abandonment of endoprosthetic drainage technique in malignant biliary obstruction, Mendez G Jr; Russell E; LePage JR; et al, (AJR), 143: 617, 1984

- abscess-fistula association: radiologic recognition and percutaneous management, Papanicolaou N; Mueller PR; Ferrucci JT Jr; et al, (AJR), 143: 811, 1984
- bile flow through drainage catheters: an in vitro study, Kerlan RK Jr; Stimac G; Pogany AC; et al, (AJR), 143: 1085, 1984
- biliary catheter drainage complicated by hemobilia: treatment by balloon embolotherapy. Mitchell SE; Shuman L; Kaufman SL; Chang R; Kadir S; Kinnison M; White RI Jr, (Radiology), 157: 645, 1985
- biliary decompression: institutional comparison of percutaneous and endoscopic methods, Stanley J; Gobien RP; Cunningham J; Andriole J, (Radiology), 158: 195, 1986
- biliary drainage endoprostheses: experience with 201 placements, Lammer J; Neumayer K, (Radiology), **159**: 625, 1986
- biliary endoprostheses. insertion using a combined peroral-transhepatic method, Kerlan RK Jr; Ring EJ; Pogany AC; Jeffrey RB Jr, (Radiology), **150**: 828, 1984
- diagnosis and treatment of jaundice, May GR; James EM; Bender CE; Williams HJ Jr; Adson MA, (Radiographics), 6: 847, 1986
- diagnostic and therapeutic percutaneous gallbladder procedures, vanSonnenberg E; Wittich GR; Casola G; Princenthal RA; Hofmann AF, Keightley A; Wing VW, (Radiology), 160: 23, 1986
- efficacy of preoperative biliary tract decompression in patients with obstructive jaundice, Gundry SR; Strodel WE; Knol JA; et al, (Radiology), 154: 559, 1985
- endoscopic retrograde biliary drainage, Marks WM; Freeny PC; Ball TJ; Gannan RM, (Radiology), 152: 357, 1984
- fascial dilator for percutaneous drainage procedures, Casal GL, (Radiology), 155: 833, 1985
- hemobilia following transhepatic biliary drainage: occlusion of an hepatoportal fistula by balloon tamponade, Sniderman KW; Morse SS; Rapoport S; Ross GR, (Radiology), 154: 827, 1985
- infectious complications of percutaneous biliary damage, Cohan RH; Illescas FF; Saeed M; et al, (Invest Radiol), **21**: 705, 1986
- interventional biliary radiology, Ring EJ; Kerlan RK Jr, (AJR), 142: 31, 1984
- malignant biliary obstruction: complications of percutaneous biliary drainage, Carrasco CH; Zornoza J; Bechtel WJ, (Radiology), 152: 343, 1984
- malignant pleural effusion: complication of transhepatic biliary drainage, Anschuetz SL; Vogelzang RL, (AJR), 146: 1165, 1986
- nonoperative management of benign postoperative biliary strictures, Gallacher DJ; Kadir S, Kaufman SL; Mitchell SE; Kinnison ML; Chang R; Adams P; White RI Jr; Cameron JL, (Radiology), 156: 625, 1985
- pain control after percutaneous biliary drainage: local infiltration with bupivacaine and epinephrine, Lieberman RP; Sleder PR, (AJR), 146: 595, 1986
- percutaneous biliary drainage: complications of 118 consecutive catheterizations, Hamlin JA; Friedman M; Stein MG; Bray JF, (Radiology), **158**: 199, 1986
- percutaneous biliary drainage in acute suppurative cholangitis, Nunez D Jr; Guerra JJ Jr; Al-Sheikh WA; et al, (Gastrointest Radiol), 11: 85, 1986
- percutaneous biliary drainage in diffuse Caroli's disease (case report), Rose SC; Kumpe DA; Weil R III, (AJR), 147: 159, 1986
- percutaneous biliary drainage with an enteric feeding tube, Sibbitt RR, Palmaz JC; Caplan RE; Page CP; Garcia F, (Radiology), 157: 819, 1985
- percutaneous biopsy and drainage procedures in the abdomen using a modified coaxial technique, McGahan JP, (Radiology), 153: 257, 1984
- percutaneous drainage access: simplified coaxial technique, vanSonnenberg E; Wittich GR; Schiffman HR; Cabrera OA; Willson SA; Quinn SF; Casola G; Hayne LA; Polansky AD, (Radiology), 159: 266, 1986

- percutaneous management of benign biliary disease, Martin EC; Fankuchen EI; Laffey KJ; et al, (Radiology), **154**: 851, 1985
- percutaneous transhepatic biliary drainage for bile leaks and fistulas, Kaufman SL; Kadir S; Mitchell SE; et al, (AJR), 144: 1055, 1985
- percutaneous transhepatic cholangiography and drainage: risks and complications Nilsson U; Evander A; Ihse I; et al, (Radiology), **152**: 847, 1984
- percutaneous transhepatic choledochoenterostomy in a patient with a biliary obstruction, McNeely GF; Dickhaus AJ; Colella JP; Hawkins IF JR, (Radiology), **161**: 274, 1986
- percutaneous transhepatic drainage: risks and benefits, Stambuk EC; Pitt HA; Paris SO; et al, (Radiology), **152**: 847, 1984
- percutaneous transhepatic electrohydraulic lithotripsy, Lear JL; Ring EA; Macoviak JA; Baum S, (Radiology), 150: 589, 1984
- percutaneous transhepatic sphincterotomy in the management of biliary tract disease, Cobourn C; Makowka L; Ho C-S; et al, (Gastrointest Radiol), 11: 273, 1986
- percutaneous transjejunal biliary dilatation: alternate management for benign strictures, Russell E; Yrizarry JM; Huber JS; Nunez D Jr; Hutson DG; Schiff E; Reddy KR; Jeffers LJ; Williams A, (Radiology), **159**: 209,
- retroperitoneal perforation during duodenoscopic sphincterotomy, Byrne P, Leung JWC; Cotton PB, (Radiology), **150**: 383, 1984
- rib erosion: late complication of long-standing biliary drainage catheters, Severini A; Bellomi M; Cozzi G; Bellegotti L; Lattuada A, (Radiology), 150: 666, 1984
- routine preoperative biliary drainage: effect on management of obstructive jaundice, Gobien RP; Stanley JH; Soucek CD; Anderson MC; Vujic I; Gobien BS, (Radiology), 152: 353, 1984
- safe intercostal approach? pleural complications in abdominal interventional radiology, Nichols DM; Cooperberg PL; Golding RH; et al. (AJR), 142: 1013, 1984
- silicone biliary stents for percutaneous management of biliary obstruction, Kinnison ML; Adams PE; White RI Jr, (Radiology), **154**: 533, 1985
- solution to a knotty biliary drainage problem, Teplick SK; Haskin PH, (Br J Radiol), **59**: 511, 1986
- sonographic detection of drainage catheter debris, LaBerge JM; Callen PW, (J Ultrasound Med), 4: 629, 1985
- surgical and radiological decompression in malignant biliary obstruction: a retrospective study using multivariate risk factor analysis, Bonnel D; Ferrucci JT Jr; Mueller PR; Lacaine F; Peterson HF, (Radiology), **152**: 347, 1984
- tapered-tip teflon catheter for biliary drainage, Kaufman SL, (Radiology), 151: 251, 1984
- use of a T tube as an endoprosthesis for internal biliary drainage, Simmons K, (Radiology), **154**: 247, 1985
- use of large silicone catheters in patients with long-term percutaneous transhepatic biliary drainage, Bret PM; Bretagnolle M; Fond A; et al, (Cardiovasc Intervent Radiol), 9: 57, 1986

# Bile ducts, prostheses

- abandonment of endoprosthetic drainage technique in malignant biliary obstruction, Mendez G Jr.; Russell E; LePage JR; et al, (AJR), 143: 617, 1984
- biliary drainage endoprostheses: experience with 201 placements, Lammer J; Neumayer K, (Radiology), **159**: 625, 1986
- biliary endoprosthesis blockage: clearance using a 22-gauge needle (technical note), Gibson RN, (AJR), 147: 404, 1986
- biliary stent endoprosthesis: analysis of complications in 113 patients, Mueller PR; Ferrucci JT Jr; Teplick SK; vanSonnenberg E; Haskin PH; Butch RJ; Papanicolaou N, (Radiology), 156: 637, 1985
- endoscopic retrograde biliary drainage, Marks WM; Freeny PC; Ball TJ; Gannan RM, (Radiology), **152**: 357, 1984

- expandable biliary endoprosthesis: experimental study, Carrasco CH; Wallace S; Charnsangavej C; et al, (AJR), 145: 1279,
- insertion of a large-caliber biliary endoprosthesis via the T-tube tract (technical note), Sammon JK; Teplick SK; Haskin PH, (AJR), 147: 164, 1986
- interventional biliary radiology, Ring EJ; Kerlan RK Jr, (AJR), 142: 31, 1984
- in vitro long-term perfusion of different materials for biliary endoprostheses, Lammer J; Stoffler G; Petek WW; et al, (Invest Radiol), 21: 329, 1986
- management of surgically placed silastic transhepatic biliary stents, Kaufman SL; Cameron JL; Adams PE; et al, (AJR), 142: 347,
- nasogastric biliary endoprosthesis removal, Yrizarry JM; Greenwood LH; Whigham CJ; et al, (AJR), 143: 819, 1984
- transhepatic removal of obstructed Carey-Coons biliary endoprosthesis, Brown AS; Mueller PR; Ferrucci JT Jr, (Radiology), 159: 555, 1986
- use of a T tube as an endoprosthesis for internal biliary drainage, Simmons K, (Radiology), 154: 247, 1985

#### Bile ducts, radionuclide studies

- apparent gut excretion of Tc-99m-DISIDA in a case of extrahepatic biliary atresia, Williamson SL; Seibert JJ; Butler HL; et al, (Pediatr Radiol), 16: 245, 1986
- bile leakage over the hepatic surface detected by hepatobiliary imaging, Nakajima K; Tonami N; Hisada K; et al, (Clin Nucl Med),
- omparison of ultrasound and hepatobiliary imaging in the early detection of acute total common bile duct obstruction, Miller DR; Egbert RM; Braunstein P, (Radiology), 156: 284, 1985
- demonstration of hematobilia using technetium-99m labeled red blood cells, Lee SM; Lee RGL; Clouse ME; et al, (Clin Nucl Med), 11: 52, 1986
- hepatobiliary imaging after Whipple's operation, Abu-Nema T; Al-Suhaily A; Abdel-Dayem HM, (Clin Nucl Med), 11: 572,
- hepatobiliary imaging in choledocholithiasis: comparison with ultrasound, Colletti PM; Ralls PW; Lapin SA; et al, (Clin Nucl Med), 11: 482, 1986
- hepatobiliary scintigraphy and sonography in early biliary obstruction, Zeman RK; Lee CH; Jaffe MH; Burrell MI, (Radiology), 153: 793, 1984
- hepatobiliary scintigraphy in surgical patients, Van Rensburg LCJ; Klopper JF, Ellmann A, (Radiology), 155: 863, 1985
- intrahepatic bile leak producing delayed accumulation of technetium-99m DISIDA in an amebic liver abscess, Prakash R; Jena A; Behari V; et al, (Clin Nucl Med), 11: 360,
- positive predictive value of cholescintigraphy in common bile duct obstruction. Lecklitner ML; Austin AR; Benedetto AR; et al. (J Nucl Med), 27: 1403,
- 1986
  postcholecystectomy syndrome: evaluation using biliary scintigraphy and endoscopic retrograde cholangiopancreatography, Zeman RK, Burrell M!; Dobbins J; Jaffe MH; Choyke PL, (Radiology), 156: 787, 1985 sclerosing cholangitis: cholescintigraphy with Tc-99m-labeled DISIDA, Ament AE; Bick RJ; Miraldi FD; Haaga JR; Wiedenmann SD, (Radiology), 151: 197, 1984 sphincter of Oddi stenosis: diagnosis using hepatobiliary scintigraphy and endoscopic
- hepatobiliary scintigraphy and endoscopic manometry, Lee RGL; Gregg JA; Koroshetz AM; Hill TC; Clouse ME,
- Koroshetz AM.; Hill TC; Clouse ME, (Radiology), 156: 793, 1985 strategy for the use of biliary scintigraphy in non-iatrogenic biliary trauma, Zeman RK; Lee CH; Stahl RS; Viscomi GN; Baker C; Cahow CE; Dobbins J; Neumann RD; Burrell MI, (Radiology), 151: 771, 1984 technetium-99m BIDA biliary scintigraphy in the evaluation of the jaundiced patient, Lee AW; Ram MD; Shih W-J; et al., (J Nucl Med.), 27: 1407, 1986

#### Bile ducts, size

evaluation of common bile duct diameter using high resolution computed tomography, Co CS; Shea WJ Jr; Goldberg HI, (JCAT), 10: 424, 1986

- intravenous cholecystokinin octapeptide: it effect on the sonographic appearance of the bile ducts in normal subjects, Fein AB; Rauch RF II; Bowie JD; Halvorsen RA Jr; Rosenberg ER, (Radiology), 153: 499, 1984
- sonographic measurement of the extrahepatic bile duct before and after retrograde cholangiography, Chang VH; Cunningham JJ; Fromkes JJ, (AJR), 144: 753,
- unchanged size of a dilated common bile duct after a fatty meal: results and significance, Willson SA; Gosink BB; vanSonnenberg E, (Radiology), 160: 29, 1986

#### Bile ducts, stenosis

- abandonment of endoprosthetic drainage technique in malignant biliary obstructi Mendez G Jr; Russell E; LePage JR; et al, (AJR), 143: 617, 1984
- arteriohepatic dysplasia, Singcharoen T; Partridge J; Jeans WD; et al, (Br J Radiol), 59: 509, 1986
- balloon dilatation of benign biliary strictures, Salomonowitz E; Castaneda-Zuniga WR; Lund G; Cragg AH; Hunter DW; Coleman CC; Amplatz K, (Radiology), 151: 613, 1984
- bile duct obstruction: radiologic evaluation of lie duct obstruction: radiologic evaluation level, cause, and tumor resectability, Gibson RN; Yeung E; Thompson JN; Carr DH; Hemingway AP; Bradpiece HA; Benjamin IS; Blumgart LH; Allison DJ, (Radiology), 160: 43, 1986
- bile ducts after a fatty meal: further sonographic observations, Simeone JF; Butch RJ; Mueller PR; vanSonnenberg E; Ferrucci JT Jr; Hall DA; Kopans DB; Dawson SL; Wittenberg J; McCarthy K, (Radiology), **154**: 763, 1985
- biliary drainage endoprostheses: experience with 201 placements, Lammer J; Neumayer K, (Radiology), **159**: 625, 1986
- biliary endoprostheses. insertion using a combined peroral-transhepatic method, Kerlan RK Jr; Ring EJ; Pogany AC; Jeffrey RB Jr, (Radiology), 150: 828, 1984
- biliary sterio endoprosthesis: analysis of complications in 113 patients, Mueller PR; Ferrucci JT Jr; Teplick SK; vanSonnenberg E; Haskin PH; Butch RJ; Papanicolaou N, (Radiology), 156: 637, 1985
- of clinical management in 73 patients, Mueller PR; vanSonnenberg E; Ferrucci JT Jr; Weyman PJ; Butch RJ; Malt RA; Burhenne HJ, (Radiology), 160: 17, 1986.
- causes of jaundice during hepatic artery infusion chemotherapy, Anderson SD; Holley HC; Berland LL; Van Dyke JA; Stanley RJ, (Radiology), 161: 439, 1986
- cholangiocarcinoma as a late complication of choledochoenteric anastomoses, Herba MJ; Casola G; Bret PM; et al, (AJR), 147: 513, 1986
- common bile duct obstruction: assessment by transcholecystic cholangiography, Teplick SK; Haskin PH; Sammon JK; Clearfield HR; Borowsky LM; Gambescia RA; Zitomer N; Goldstein RC, (Radiology), 161: 135, 1986
- comparison of ultrasound and hepatobiliary imaging in the early detection of acute total common bile duct obstruction, Miller DR; Egbert RM; Braunstein P, (Radiology), 156: 284, 1985
- endoscopic retrograde biliary drainage, Marks WM; Freeny PC; Ball TJ; Gannan RM, (Radiology), **152**: 357, 1984
- endoscopic retrograde cholangiography with a balloon catheter: analysis of 100 consecutive cases, Yoshimoto H; Ikeda S; Tanaka M; Matsumoto S; Nakayama F, (Radiology), 159:
- Everting balloon catheter in the biliary tree: technical note, Alspaugh JP; Martin LG; Chuang VP, (Cardiovasc Intervent Radiol), 9: 164, 1986
- hemobilia: unusual cause of segmental bile duct obstruction, Jackson DE Jr; Floyd JL, (Clin Nucl Med), 11: 77, 1986
- hepatobiliary scintigraphy and sonography in early biliary obstruction, Zeman RK; Lee CH, Jaffe MH; Burrell MI, (Radiology), 153: 793, 1984
- imaging of biliary obstruction, Cronan JJ, (Semin US CT MR), 5: 376, 1984

- interventional biliary radiology, Ring EJ; Kerlan RK Jr, (AJR), 142: 31, 1984
- malignant biliary obstruction: complications of percutaneous biliary drainage, Carrasco CH, Zornoza J; Bechtel WJ, (Radiology), 152: 343, 1984
- monooctanoin dissolution of gallstones via a cholecystostomy tube, Shortsleeve MJ; Schatzki SC; Lee DL, (Radiology), 153: 547,
- nonoperative dilatation of dominant strictures in primary sclerosing cholangitis, May GR; Bender CE; LaRusso NF; et al, (AJR), 145:
- partial biliary obstruction due to adenomyoma of the terminal common bile duct, Gilbert LA; Park YS; Ally KM, (Clin Nucl Med), 11: 216, 1986
- percutaneous biliary drainage with an enteric feeding tube, Sibbitt RR, Palmaz JC; Caplan RE; Page CP; Garcia F, (Radiology), 157: 819, 1985
- percutaneous cholecystostomy in acute cholecystitis and common duct obstruction. Pearse DM; Hawkins IF Jr; Shaver R, Vogel S, (Radiology), 152: 365, 1984
- percutaneous transhepatic choledochoenterostomy in a patient with a biliary obstruction, McNeely GF; Dickhaus AJ; Colella JP; Hawkins IF JR, (Radiology), 161: 274, 1986
- percutaneous transhepatic sphincterotomy in the management of biliary tract disease, Cobourn C; Makowka L; Ho C-S; et al, (Gastrointest Radiol), 11: 273, 1986
- positive predictive value of cholescintigraphy in common bile duct obstruction, Lecklitner ML; Austin AR; Benedetto AR; et al. (J Nucl Med), 27: 1403, 1986
- postcholecystectomy syndrome: evaluation using biliary scintigraphy and endoscopic retrograde cholangiopancreatography, Zeman RK; Burrell MI; Dobbins J; Jaffe MH; Choyke PL, (Radiology), 156: 787, 1985
- prevalent and natural history of distal common bile duct stenosis in alcoholic pancreatitis, Petrozza JA; Dutta SK; Latham PA; et al, (Radiology), 155: 850, 1985
- Toutine preoperative biliary drainage: effect on management of obstructive jaundice, Gobien RP; Stanley JH; Soucek CD; Anderson MC; Vujic I; Gobien BS, (Radiology), 152: 353, 1984
- silicone biliary stents for percutaneous management of biliary obstruction, Kinnison ML; Adams PE; White RI Jr, (Radiology), **154**: 533, 1985
- sonographic features of bile plug syndrome, Pfeiffer WR; Robinson LH; Balsara VJ, (J Ultrasound Med), 5: 161, 1986
- sphincter of Oddi stenosis: diagnosis using hepatobiliary scintigraphy and endoscopic manometry. Lee RGL; Gregg JA; Koroshetz AM; Hill TC; Clouse ME, (Radiology), 156: 793, 1985
- (Radiology), 198; 795, 1985 surgical and radiological decompression in malignant biliary obstruction: a retrospective study using multivariate risk factor analysis, Bonnel D; Ferrucci JT Jr; Mueller PR; Lacaine F; Peterson HF, (Radiology), 152: 347, 1984
- transhepatic removal of obstructed Carey-Coons biliary endoprosthesis, Brown AS; Mueller PR; Ferrucci JT Jr, (Radiology), 159:
- transhepatic transcatheter puncture of an occluded biliary intestinal anastomosis for recanalization, Guenther RW, (Radiology), 155: 249, 1985
- ultrasonography, computed tomography, and cholescintigraphy in suspected obstructive jaundice—a prospective comparative study, Matzen P; Malchow-Moller A; Brun B; et al, (Radiology), 151: 544, 1984
- unchanged size of a dilated common bile duct after a fatty meal: results and significance, Willson SA; Gosink BB; vanSonnenberg E, (Radiology), 160: 29, 1986
- very stiff guide wire with a floppy tip, Cardella JF, Kotula F, Hunter DW; Young AT; Castaneda-Zuniga WR; Amplatz K, (Radiology), **156**: 837, 1985

#### Bile ducts, stone extraction

bile duct stones: percutaneous transhepatic removal, Clouse ME; Stokes KR; Lee RGL; Falchuk KR, (Radiology), **160**: 525, 1986

- dual-balloon technique for nonoperative removal of retained biliary stones, Alspaupj JP; Chuang VP; Martin LG; et al, (Cardiovasc Intervent Radiol), 9: 161, 1986
- interventional biliary radiology, Ring EJ; Kerlan RK Jr, (AJR), 142: 31, 1984
- radiologic intervention in oriental cholangiohepatitis, Kerlan RK Jr; Pogany AC; Goldberg HI; et al, (AJR), 145: 809, 1985
- removal of retained common bile duct stones with angiographic occlusion balloons, Meranze SG; Stein EI; Burke DR; et al. (AIR), 146: 383, 1986
- retroperitoneal perforation during duodenoscopic sphincterotomy, Byrne P; Leung JWC; Cotton PB, (Radiology), **150**: 383, 1984
- simplification of cryoprecipitate coagulum choledocholithotomy by deletion of thrombin: prevention of retained biliary duct stones Kalash SS: Scovill WA-Hill JL; et al, (Radiology), 156: 270, 1985

#### Bile ducts, surgery

- celiac plexus block for interventional radiology, Whiteman MS; Rosenberg H; Haskin PH; Teplick SK, (Radiology), **161**:
- sonographic appearance of the pancreatic duct following transampullary septectomy, Braver JM; Jones TB; Brooks JR, (J Ultrasound Med), 5: 459, 1986

#### Bile ducts, US studies

- abrupt termination of the common bile duct: a sign of malignancy identified by high-resolution real-time sonography, Jones TB; Dubuisson RL; Hughes JJ; et al, (Radiology),
- bile duct obstruction: radiologic evaluation of level, cause, and tumor resectability, Gibson RN; Yeung E; Thompson JN; Carr DH; Hemingway AP; Bradpiece HA; Benjamin IS; Blumgarat LH; Allison DJ, (Radiology), 160: 43, 1986
- bile ducts after a fatty meal: further sonographic observations, Simeone JF; Butch RJ; Mueller PR: vanSonnenberg E; Ferrucci JT Jr; Hall DA; Kopans DB; Dawson SL; Wittenberg J; McCarthy K, (Radiology), 154: 763, 1985
- biliary dilatation: defining the level and cause by real-time US, Laing FC; Jeffrey RB Jr; Wing VW; Nyberg DA, (Radiology), **160**: 39,
- Caroli disease: high-frequency US and pathologic findings, Marchal GJ; Desmet VJ; Proesmans WC; Moerman PL; Yan Roost WW; Van Holsbeeck MT; Baert AL, (Radiology), 158: 507, 1986
- clinical manifestations of the comet tail artifact, Thickman DI; Ziskin MC; Goldenberg NJ; et al, (Radiology), 151: 835,
- clinical significance of a sonographically established dilated common bile duct, Dunser E; Umek H, (Radiology), **151**: 275,
- comparison of computed tomography and sonography in choledocholithiasis, Mitchell SE; Clark RA, (AJR), **142**: 729, 1984
- comparison of ultrasound and hepatobiliary imaging in the early detection of acute total common bile duct obstruction, Miller DR; Egbert RM; Braunstein P, (Radiology), **156**: 284, 1985
- CT and sonography of multiple bile-duct hamartomas simulating malignant liver disease (case report), Eisenberg D; Hurwitz L; Yu AC, (AJR), 147: 279, 1986
- cystic duct remnant: sonographic diagnosis, Crowley SF; Hedvall SE, (J Ultrasound Med), 4: 261, 1985
- diagnosis and treatment of jaundice, May GR; James EM; Bender CE; Williams HJ Jr; Adson MA, (Radiographics), 6: 847, 1986
- does total parenteral nutrition induce gallbladder sludge formation and lithiasis?, Messing B; Bories C; Kunstlinger F; et al, (Radiology), 151: 275, 1984
- hemobilia: cause of false-negative ductal dilatation, Laffey PA; Teplick SK; Haskin PH, (JCU), **14**: 636, 1986
- hepatobiliary imaging in choledocholithiasis: comparison with ultrasound, Colletti PM; Ralls PW; Lapin SA; et al, (Clin Nucl Med),

- hepatobiliary scintigraphy and sonography in early biliary obstruction, Zeman RK; Lee CH; Jaffe MH; Burrell MI, (Radiology), 153: 793, 1984
- imaging of biliary obstruction, Cronan JJ, (Semin US CT MR), 5: 376, 1984
- improved visualization of choledocholithiasis by sonography, Laing FC; Jeffrey RB Jr; Wing VW, (AJR), 143: 949, 1984
- insensitivity of sonography in the detection of choledocholithiasis, Einstein DM; Lapin SA; Ralls PW; et al, (AJR), 142: 725, 1984
- intravenous cholecystokinin octapeptide: its effect on the sonographic appearance of the bile ducts in normal subjects, Fein AB; Rauch RF II; Bowie JD; Halvorsen RA Jr; Rosenberg ER, (Radiology), 153: 499, 1984
- misdiagnosis of common bile duct stones with ultrasound, Dewbury KC; Smith CL, (Radiology), 152: 266, 1984
- new concepts in biliary ultrasound, Mueller PR; Simeone JF, (Semin US CT MR), 5: 333, 1984
- operative sonography of the biliary tree and pancreas, Sigel B; Machi J; Anderson KW III; et al, (Semin US CT MR), 6: 2, 1985
- radiologic demonstration of Caroli's disease: case report, Takaki Y; Takahashi M; Ueno S; et al, (CT), 10: 153, 1986
- Sendy, Carly, Lett., 1966.

  Sonographic appearance of the pancreatic duct following transampullary septectomy, Braver JM; Jones TB; Brooks JR, (J Ultrasound Med), 5: 459, 1986.

  Sonographic diagnosis of Klatskin tumors, Machan L; Muller NL; Cooperberg PL, (AJR), 147: 509, 1986.
- sonographic evaluation of bile duct size during pregnancy, Mintz MC; Grumbach K; Arger PH; et al, (AJR), 145: 575, 1985
- Pfeiffer WR; Robinson LH; Balsara VJ, (J Ultrasound Med), 5: 161, 1986
- sonographic measurement of the extrahepatic bile duct before and after retrograde cholangiography, Chang VH; Cunningham JJ; Fromkes JJ, (AJR), 144: 753,
- sonography of cholesterol in the biliary system, Cover KL; Slasky BS; Skolnick ML, (J Ultrasound Med), 4: 647, 1985
- ultrasonic characteristics of tumefactive biliary sludge: thixotropic phenomenom, Ando H; Ito T, (JCU), 14: 289, 1986
- ultrasonic features of cholangiocarcinoma, Subramanyam BR; Raghavendra BN; Balthazar EJ; et al, (Radiology), 155: 556,
- ultrasonographic detection of spontaneous perforation of the extrahepatic bile ducts in infancy, Bahia JO; Boal DKB; Karl SR; et al, (Pediatr Radiol), 16: 157, 1986
- ultrasonography of the liver and biliary tree in children, Madigan SM; Teele RL, (Semin US CT MR), 5: 68, 1984
- ultrasonography of the pancreas, liver, and biliary system in cystic fibrosis, Wilson-Sharp RC; Irving HC; Brown RC; et al, (Radiology), **155**: 861, 1985
- ultrasound appearance of biliary rhabdomyosarcoma, Williams AG Jr; Sheward SE, (JCU), 14: 63, 1986
- ultrasound detection of choledocholithiasis: prospective comparison with ERCP in the postcholecystectomy patient, O'Connor HJ; Hamilton J; Ellis WR; et al, (Gastrointest Radiol), 11: 161, 1986
- ultrasound findings in biliary atresia in children. study with surgical correlation in 86 cases, Brun P; Gauthier F; Boucher D; et al, (Radiology), 158: 283, 1986
- unchanged size of a dilated common bile duct after a fatty meal: results and significance, Willson SA; Gosink BB; vanSonnenberg E, (Radiology), 160: 29, 1986
- US diagnosis of choledocholithiasis: reappraisal, Cronan JJ, (Radiology), **161**: 133, 1986
- width of the common bile duct in relation to age and stone disease. an ultrasonographic study, Kaude JV, (Radiology), 150: 615, 1984

# Biliary ducts

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#### Biliary tract

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#### Biopsies

- See also under names of specific organs, such as Liver, biopsy
- fine needle aspiration biopsy: role of immediate cytologic assessment, Miller DA; Carrasco CH; Katz RL; et al, (AJR), 147: 155,
- fine-needle aspiration in gynecology: evaluation of extra pelvic lesions in patients with gynecologic malignancy, Fortier KJ; Clarke-Pearson DL; Creasman WT; et al, (Radiology), 156: 273, 1985
- needle biopsy and metastasis. investigation in rats, Muhlberger G; Gottschalk A; Gericke D, (Radiology), **150**: 288, 1984
- percutaneous aspiration, drainage, and biopsies in children, Towbin RB; Strife JL, (Radiology), **157**: 81, 1985
- percutaneous needle biopsy in the diagnosis and classification of lymphoma, Erwin BC; Brynes RK; Chan WC; et al, (Radiology), **161**:
- pulmonary hamartoma: diagnosis by transthoracic needle-aspiration biopsy, Hamper UM; Khouri NF; Stitik FP; Siegelman SS, (Radiology), 155: 15, 1985
- role of computed tomography-guided needle biopsy in an oncology service, Husband JE; Golding SJ, (Radiology), **150**: 296, 1984
- transjugular liver biopsy: review of 461 biopsies, Gamble P; Colapinto RF; Stronell RD; Colman JC; Blendis L, (Radiology), **157**: 589, 1985
- ultrasound localization of occult breast lesions, Laing FC; Jeffrey RB Jr; Minagi H, (Radiology), 151: 795, 1984

#### Biopsies, complications

- carotid-cavernous fistula following nasopharyngeal biopsy, Feurerman TF; Hieshima GB; Bentson JR; et al, (Radiology), 154: 857, 1985
- clinical application of in vitro studies for barium-enema examination following colorectal biopsy, Harned RK; Williams SM; Maglinte DDT; Hayes JM; Paustian FF; Consigny PM, (Radiology), 154: 319, 1985
- delayed complications from fine-needle biopsies of solid masses of the abdomen, Yankaskas BC; Staab EV; Craven MB; et al, (Invest Radiol), 21: 325, 1986
- hazards of fine-needle aspiration biopsy Smith EH, (Radiology), **157**: 574, 1985
- prevesical hematoma: complicaton of prostatic biopsy, Choyke PL; Blei CL; Jaffe MH; et al, (Urol Radiol), 8: 32, 1986
- rapid cytology to decrease pneumothorax incidence after percutaneous biopsy, Johnsrude IS; Silverman JF; Weaver MD; et al, (AJR), 144: 793, 1985
- rectal biopsy as a cause of rectal ulceration, Millward SF; Chapman A; Somers S; Stevenson GW, (Radiology), **156**: 42, 1985
- secondary infection of an endometrioma following fine-needle aspiration, Martino CR; Haaga JR; Bryan PJ, (Radiology), **151**: 53, 1984
- seeding of malignant cells into the needle track after lung and pleural biopsy, Muller NL; Bergin CJ; Miller RR; et al, (J Canad Assoc Radiol), 37: 192, 1986
- serious complications following transgression of the pleural space in drainage procedures, Neff CC; Mueller PR; Ferrucci JT Jr; Dawson SL; Wittenberg J; Simeone JF; Butch RJ; Papanicolaou N, (Radiology), 152: 335, 1984
- transcatheter embolization of liver capsule perforation during transvenous liver biopsy, Braillon A; Revert R; Remond A; et al, (Gastrointest Radiol), 11: 279, 1986
- unsuspected pheochromocytoma: risk of nsuspected pheochromocytoma: risk of blood-pressure alterations during percutaneous adrenal biopsy, Casola G; Nicolet V; vanSonnenberg E; Withers C; Bretagnolle M; Saba RM, (Radiology), 159: 733, 1986

### Biopsies, technology

- aspiration biopsy of peripheral pulmonary masses using real-time sonographic guidance, Cinti D; Hawkins HB, (AJR), **142**: 1115, 1984
- aspiration biopsy: use of a curved needle, Carrasco CH; Wallace S; Charnsangavej C, (Radiology), **155**: 254, 1985

- benign circumscribed lesions of the liver diagnosed by ultrasonically guided fine-needle biopsy, Spamer C; Brambs H-J; Koch HK; et al, (JCU), 14: 83, 1986
- computed-tomographic-guided biopsy of small apical and peripheral upper-lobe lung masses, Gatenby RA; Mulhern CB Jr; Broder GJ; Moldofsky PJ, (Radiology), 150: 591, 1984
- CT assistance for fluoroscopically guided transthoracic needle aspiration biopsy, Cohan RH; Newman GE; Braun SD; et al, (JCAT), 8: 1093, 1984
- CT body stereotaxis: aid for CT-guided biopsies, Onik G; Costello P; Cosman E; et al, (AJR), 146: 163, 1986
- CT-guided biopsy for the detection and staging of tumors of the head and neck, Gatenby RA; Mulhern CB Jr; Richter MP; et al, (AJNR), 5: 287, 1984
- CT-guided liver biopsies: eight years' experience. work in progress, Martino CR; Haaga JR; Bryan PJ; LiPuma JP; El Yousef SJ; Alfidi RJ, (Radiology), 152: 755, 1984
- CT-guided needle placement in the central nervous system: results in 146 consecutive patients, Moran CJ; Naidich TP; Marchosky JA, (AJR), 143: 861, 1984
- curved stylus for redirection of the fine-needle guide, Hawkins IF Jr; Caridi JG, (Radiology), 151: 530, 1984
- fine-needle aspiration biopsy: pancreatic and biliary tumors, Hall-Craggs MA; Lees WR, (AJR), 147: 399, 1986
- fine-needle aspiration biopsy via percutaneous transhepatic catheterization: technique and clinical results, Kuroda C; Yoshioka H; Tokunaga K; et al, (Gastrointest Radiol), 11: 81, 1986
- guided biopsies of abnormalities on nuclear bone scans: technique and indications, Little AG; DeMeester TR; Kirchner PT; et al, (Radiology), 151: 277, 1984
- indications for real-time ultrasound-controlled fine-needle punctures under permanent view, Otto RC, (Radiology), **151**: 275, 1984
- indications for ultrasound-controlled interventions under permanent view, Otto RC, (Radiology), **151**: 275, 1984
- interventional radiology in infants and children: clinical and technical aspects, Diament MJ; Boechat MI; Kangarloo H, (Radiology), **154**: 359, 1985
- intraoperative sonography through a Burr hole: guide for brain biopsy, Enzmann DR; Irwin KM; Marshall WH; et al, (AJNR), 5:
- invasive techniques for antenatal diagnosis: chorionic villus biopsy, fetoscopy, and amniocentesis, Romero R; Jeanty P; Hobbins JC, (Semin US CT MR), 5: 298, 1984
- ipsilateral decubitus position for percutaneous CT-guided adrenal biopsy, Heiberg E; Wolverson MK, (JCAT), 9: 217, 1985
- light-guidance system to be used for CT-guided biopsy, Frederick PR; Brown TH; Miller MH; Bahr AL; Taylor KH, (Radiology), **154**: 535, 1985
- MR-guided aspiration biopsy: needle design and clinical trials, Mueller PR; Stark DD; Simeone JF; Saini S; Butch RJ; Edelman RR; Wittenberg J; Ferrucci JT Jr, (Radiology), 161: 605, 1986
- multiple-hole needle for puncture biopsy. an analysis of 420 cases, Qin D; Yang Z; Hu Y; et al, (Radiology), **153**: 848, 1984
- multipurpose coaxial needle used for percutaneous nephrostomy, Baltaxe HA; Mitty HA; Pollack HM, (Radiology), 153: 259, 1984
- new needle for puncture biopsy, Qin D, (AJR), 147: 543, 1986
- new universal radiolucent handle, Cardella JF; Young AT; Hunter DW; Castaneda-Zuniga WR; Amplatz K, (Radiology), **155**: 531, 1985
- outpatient needle biopsy of the lung: its safety and utility, Stevens GM; Jackman RJ, (Radiology), **151**: 301, 1984
- parathyroid aspiration biopsy under ultrasound guidance in the postoperative hyperparathyroid patient, Gooding GAW; Clark OH; Stark DD; Moss AA; Montgomery CK, (Radiology), 155: 193, 1985

- percutaneous biopsy, Bernardino ME, (AJR), 142: 41, 1984
- percutaneous biopsy and drainage procedures in the abdomen using a modified coaxial technique, McGahan JP, (Radiology), 153: 257, 1984
- percutaneous biopsy of a metastatic spinal nerve root nodule in a child, Stanley P; Senac MO Jr, (AJNR), 5: 427, 1984
- percutaneous needle biopsy of deep pelvic masses: posterior approach, Pardes JG; Schneider M; Koizumi J; et al, (Cardiovasc Intervent Radiol), 9: 65, 1986
- removable hub needle system for coaxial biopsy of small and difficult lesions, vanSonnenberg E; Lin AS; Casola G; Nakamoto SK; Wing VW; Cubberley DA, (Radiology), 152: 226, 1984
- secondary infection of an endometrioma following fine-needle aspiration, Martino CR; Haaga JR; Bryan PJ, (Radiology), 151: 53, 1984
- simple method for performing oblique CT-guided needle biopsies, Axel L, (AJR), 143: 341, 1984
- sonographically guided fine-needle aspiration biopsy of adrenal masses, Montali G; Solbiati L; Bossi MC; et al, (AJR), 143: 1081,
- sonographically guided needle biopsy for diagnosis of thoracic lesions, Ikezoe J; Sone S; Higashihara T; et al, (AJR), 143: 229,
- stereotaxic biopsy of the brain under MR imaging control, Thomas DGT; Davis CH; Ingram S; et al, (AJNR), 7: 161, 1986
- supplementary tissue-core histology from fine-needle transthoracic aspiration biopsy, Greene R; Szyfelbein WM; Isler RJ; et al, (AJR), 144: 787, 1985
- tandem guide for renal biopsy, Hightower DR; Laing FC; Jeffrey RB Jr, (J Ultrasound Med), 4: 441, 1985
- thin spinal or biopsy needle guidance, Mirfakhraee M; Gerlock AJ Jr; Giyanani VL; Sadree A, (Radiology), **154**: 240, 1985
- thoracic biopsy: CT guidance of thin-needle aspiration, Gobien RP; Stanley JH; Vujic I; et al, (AJR), 142: 827, 1984
- thoracic spine: percutaneous trephine biopsy, Laredo J-D; Bard M, (Radiology), 160: 485,
- trephine biopsy of the skeleton with the aid of a hand drill, Kattapuram SV; Rosenthal DI; Phillips WC, (Radiology), **152**: 231, 1984
- trephine bone biopsy system: a refined needle for radiologists, Pais MJ; Lightfoote JB; Burnett KR; Edwards KC; Cremer M; Ortiz GT, (Radiology), 153: 253, 1984
- ultrasound-assisted liver biopsy, Judmaier G; Kathrein H, (Radiology), **151**: 274, 1984
- ultrasound-directed transvaginal aspiration biopsy of pelvic masses, Graham D; Sanders RC, (Radiology), **150**: 299, 1984
- use of CO<sub>2</sub> to move structures as an aid to percutaneous procedures, Haaga JR; Beale SM, (Radiology), **161**: 829, 1986

urinary bladder MR imaging. part I. normal and benign conditions, Fisher MR; Hricak H; Crooks LE, (Radiology), **157:** 467,

#### Bladder, abnormalities

- differential diagnosis of intra- and perivesical abnormalities using bladder air/CO<sub>2</sub> contrast sonography, Schneider K; Fendel H; Kohn MM, (Pediatr Radiol), **16**: 309, 1986
- double bladder (report of two unusual cases), Mallikarjunaiah GS; Solomon B; Reddy DG, (Australas Radiol), **30**: 51, 1986
- Mallikarjunaiah GS; Solomon B; Ramamurthy BS, (Australas Radiol), **30**: **46**, 1986
- photon scatter from asymmetric bladder activity, Spencer RP; Karimeddini MK, (Clin Nucl Med), 11: 222, 1986
- prenatal sonographic diagnosis of bladder extrophy, Mirk P; Calisti A; Fileni A, (J Ultrasound Med), 5: 291, 1986
- self-limiting extravasation in the unused urinary bladder, Caroline DF; Pollack HM; Banner MP; Schneck C, (Radiology), 155: 311, 1985

using transrectal sonography to teach patients with spinal cord injuries to retrain their bladders, Perkash I; Friedland GW, (Radiology), 152: 228, 1984

Bladder, calculi

ladder, calcuit calcified tumor of the urinary bladder: sonographic diagnosis and distinction from a bladder calculus, Sumers EH; Gittes RF, (J Ultrasound Med), 4: 681, 1985

urogenital schistosomiasis: CT evaluation, Jorulf H; Lindstedt E, (Radiology), 157: 745, 1985

#### Bladder, CT

urogenital schistosomiasis: CT evaluation, Jorulf H; Lindstedt E, (Radiology), **157**: 745, 1985

#### Bladder, diverticula

Badder, diverticula carcinomas in vesical diverticula: role of ultrasound, Saez F; Pena JM; Martinez A; et al. (Radiology), 157: 862, 1985 sonographic diagnosis of a neoplasm in a bladder diverticulum, Williams MJ; Gooding GAW, (J Ultrasound Med), 4: 203, 1985

#### Bladder, inflammation See Cystitis

Bladder, injuries

bladder injury in blunt pelvic trauma, Sandler CM; Hall JT; Rodriguez MB; Corriere JN Jr, (Radiology), **158**: 633, 1986

bladder mucosal tears during voiding cystourethrography in chronic renal failure. Matsumoto AH; Clark RL; Cuttino JT Jr, (Urol Radiol), 8: 81, 1986

Bladder, MR studies magnetic resonance tomography of the pelvis, Smith FW, (Cardiovasc Intervent Radiol), 8:

367, 1986 MRI of the bladder and prostate, Lee JKT; Rholl KS, (AJR), 147: 732, 1986 urinary bladder MR imaging, part I. normal and benign conditions, Fisher MR; Hricak H; Crooks LE, (Radiology), 157: 467, 1985

# Bladder, obstruction See Bladder, stenosis

Bladder, radiography

anal cystography: new technique of cystography, Shafik A, (Radiology), **153**: 268, 1984

Sandler CM; Hall JT; Rodriguez MB; Corriere JN Jr, (Radiology), **158**: 633, 1986

bladder mucosal tears during voiding cystourethrography in chronic renal failure, Matsumoto AH; Clark RL; Cuttino JT Jr,

Matsumoto Art; Clark Rt.; Cuttino ) 1 Jr, (Urol Radiol), 8: 81, 1986 bladder pseudomass following cystography-related bladder trauma, Markle BM; Catena L, (Radiology), 159: 265, 1986

catheter-induced hyperreflexia in spinal cord injury patients: diagnosis by sonographic voiding cystourethrography, Perkash I; Friedland GW, (Radiology), 159: 453, 1986

voiding cystourethrography, Perkash I; Friedland GW, (Radiology), 159; 453, 1986 extravasation of contrast material from unused bladders during voiding cystourethrography, Day DL, (Radiology), 155: 105, 1985 imaging of the Kock continent ileal urinary reservoir, Ralls PW; Barakos JA; Skinner DG; Boswell WD Jr; Radiol DR; Colletti PM; Halls JM, (Radiology), 161: 477, 1986 improving the technique of nuclear cystography: the manometric approach, Sfakianakis GN; Smuclovisky C; Strauss J; et al, (Radiology), 154: 571, 1985 major bladder trauma: the accuracy of cystography, Carroll PR; McAninch JW, (Radiology), 152: 550, 1984 ovarian radiation dose during dynamic cystourethrography using videorecording and photofluorography, Westby M; Sandbu J; Jahren R; et al. (Acta Radiol [Diagn]), 27: 55, 1986 puncture of a nondeflatable Foley balloon using ultrasound guidance, Higgins WL; Mace A4 (Radiology), 151: 1984

using ultrasound guidance, Higgins WL; Mace AH, (Radiology), 151: 801, 1984 unstable bladder in children: functional

nstable bladder in Children: functional evaluation by modified voiding cystourethrography, Fotter R; Kopp W; Klein E; Hollwarth M; Uray E, (Radiology), 161: 811, 1986

voiding cystourethrography: initial radiologic study in children with urinary tract infections, Blickman JG; Taylor GA; Lebowitz RL, (Radiology), 156: 659, 1985

Bladder, radionuclide studies improving the technique of nuclear cystography: the manometric approach, Sfakianakis GN; Smuclovisky C; Strauss J; et al, (Radiology), 154: 571, 1985

photon scatter from asymmetric bladder activity, Spencer RP; Karimeddini MK, (Clin Nucl Med), 11: 222, 1986

Nati Med.) 11. 222, 1990 radionuclide cystography in children: comparison of direct (retrograde) and indirect (intravenous) techniques, Majd M; Kass EJ; Belman AB, (Radiology), 158: 288,

urinary bladder herniation into the scrotum seen on bone imaging, Lee TA III; Siddiqui AR, (Clin Nucl Med), 11: 435, 1986

#### Bladder, rupture

bladder injury in blunt pelvic trauma, Sandler CM; Hall JT; Rodriguez MB; Corriere JN Jr, (Radiology), **158**: 633, 1986

delayed presentation of traumatic intraperitoneal bladder rupture, Brown D; Magill HL; Black TL, (Pediatr Radiol), 16: 252, 1986

extravasation of contrast material from unused bladders during voiding cystourethrography, Day DL, (Radiology), 155: 105, 1985

major bladder trauma: the accuracy of cystography, Carroll PR; McAninch JW, (Radiology), **152**: 550, 1984

neonatal urinary ascites, Morrell P; Coulthard MG; Hey EN, (Radiology), **160**: 288, 1986

sonography of traumatic rupture of the bladder: "bladder within a bladder" appearance of extraperitoneal extravasion, Kauzlaric D; Barmeir E, (J Ultrasound Med), 5: 97, 1986

#### Bladder, stenosis

concentric folds in the bladder: new sign of chronic outlet obstruction and neurogenic bladder, Kunin M; Kerin D, (Radiology), 157: 849, 1985

ultrasonographic diagnosis of an obstructive polyp of the bladder neck, Mueller B; Jequier 5; Laberge I, (J Ultrasound Med), 3: 521, 1984

# Bladder, surgery

Jadder, surgery contemporary cystectomy with pelvic node dissection compared to preoperative radiation therapy plus cystectomy in management of invasive bladder cancer, Skinner DG; Lieskovsky G, (Radiology), 154: 572, 1082.

imaging of the Kock continent ileal urinary reservoir, Ralls PW; Barakos JA; Skinner DG; Boswell WD Jr; Radin DR; Colletti PM; Halls JM, (Radiology), **161**: 477, 1986

## Bladder, US studies

bladder pseudomass following cystography-related bladder trauma, Markle BM; Catena L, (Radiology), 159: 265, 1986

careina E, (Raudiology, 192, 203, 1930 careinomas in vesical diverticula: role of ultrasound, Saez F; Pena JM; Martinez A; et al, (Radiology), 157: 862, 1985 catheter-induced cystitis: evaluation by cystosonography, Abu-Yousef MM; Narayana AS; Brown RC, (Radiology), 151: 471-1946.

471, 1984 catheter-induced hyperreflexia in spinal cord injury patients: diagnosis by sonographic voiding cystourethrography, Perkash I; Friedland GW, (Radiology), 159; 453, 1986 cystosonography in the detection of bladder

tumors: a prospective and retrospective study, Cronan JJ; Simeone JF; Pfister RC; et al., (Radiology), **150**: 301, 1984

r inster KC; et al. (Radiology), 150: 301, 1984 differential diagnosis of intra- and perivesical abnormalities using bladder air/CO<sub>2</sub> contrast sonography. Schneider K; Fendel H; Kohn MM, (Pediatr Radiol), 16: 309, 1986

stimation of bladder volume by sonocystography, Hakenberg OW; Ryall RL; Langlois SL; et al. (Radiology), 151: 560, 1984 pathological urinary bladder in sonography, Jaeger N; Radeke HW; Adolphs HD, (Radiology), 151: 276, 1984

screening of the bladder base and urethra using linear array transrectal ultrasound scanning, Richmond DH; Sutherst JR; Brown MC, (JCU), 14: 647, 1986

sonographic appearance of the abnormally positioned Foley catheter, Janus CL, (J Ultrasound Med), 4: 439, 1985

nography of traumatic rupture of the bladder: "bladder within a bladder" appearance of extraperitoneal extravasion, Kauzlaric D; Barmeir E, (J Ultrasound Med),

sonography of vesical and perivesical abnormalities in children, Friedman AP; Haller JO; Schulze G; et al, (Radiology), 152:

# transabdominal dynamic ultrasonography in detection of bladder tumors, Brun B Gammelgaard J; Christoffersen J, (Radiology), 155: 285, 1985

(Nautoriogy), 195: 269, 1989 ultrasonographic diagnosis of an obstructive polyp of the bladder neck, Mueller B; Jequier S; Laberge I, (J Ultrasound Med), 3: 521, 1984

urinary bladder tumors studied by cystosonography. part II. staging, Abu-Yousef MM; Narayana AS; Brown RC; Franken EA Jr. (Radiology), 153: 227, 1984

urinary bladder tumors studied by cystosonography. part I: detection, Abu-Yousef MM; Narayana AS; Franken EA Jr; Brown RC, (Radiology), 153: 223, 1984

use of ultrasound in management of stress incontinence, Bhatia NN; Ostergard DR, (Clin Diagn Ultrasound), 15: 73, 1984

varied sonographic manifestations of cystitis, Gooding GAW, (J Ultrasound Med), 5: 61,

#### Bladder neoplasms

ladder neoplasms
anal submucosal injection: new route for drug
administration in pelvic malignancies, part
I. experimental study of misonidazole
distribution in serum and tissues, with
special reference to urinary bladder:
preliminary report, Shafik A; EIMerzabani MM; El-Aaser AA; et al, (Invest
Radiol) 21: 278 1986 Radiol), 21: 278, 1986

carcinomas in vesical diverticula: role of ultrasound, Saez F; Pena JM; Martinez A; et al, (Radiology), 157: 862, 1985

characterization of a transitional cell carcinoma line arising from a previously irradiated tumor, Pontes JE; Morrison K; Pierce JM Jr, (Radiology), 156: 286, 1985

computed tomography of prostatic and bladder rhabdomyosarcomas, Baker ME; Silverman PM; Korobkin M, (JCAT), 9: 780,

controversies in the radiologic diagnosis of pelvic malignancies, Choyke PL; Thickman D; Kressel HY; et al, (Radiol Clin North Am), 23: 531, 1985

cystosonography in the detection of bladder tumors: a prospective and retrospective study, Cronan JJ; Simeone JF; Pfister RC; et al, (Radiology), **150**: 301, 1984

leiomyoma of the bladder, Wenz W; Sommerkamp H; Dinkel E, (Urol Radiol), 8: 114, 1986

leiomyoma of the bladder: sonographic and urographic findings, Bornstein I; Charboneau JW; Hartman GW, (J Ultrasound Med), 5: 407, 1986

sonographic diagnosis of a neoplasm in a bladder diverticulum, Williams MJ; Gooding GAW, (J Ultrasound Med), 4: 203,

transabdominal dynamic ultrasonography in detection of bladder tumors, Brun B; Gammelgaard J; Christoffersen J, (Radiology), **155**: 285, 1985

transitional cell papilloma of the bladder, Williams JL; Cumming WA; Walker RD III; et al, (Pediatr Radiol), **16**: 322, 1986

treatment of bladder carcinoma with tumorimmune pig lymph node cells. phase I study, Symes MO; Eckert H; Feneley RCL; et al, (Radiology), 157: 564,

urinary bladder MR imaging. part II. neoplasm, Fisher MR; Hricak H; Tanagho EA, (Radiology), 157: 471, 1985

urinary bladder tumors studied by cystosonography. part II. staging, Abu-Yousef MM; Narayana AS; Brown RC; Franken EA Jr, (Radiology), 153: 227, 1984

urinary bladder tumors studied by cystosonography. part I: detection, Abu-Yousef MM; Narayana AS; Franken EA Jr; Brown RC, (Radiology), 153: 223, 1984

urogenital schistosomiasis: CT evaluation, Jorulf H; Lindstedt E, (Radiology), **157**: 745,

# Bladder neoplasms, CT

lower urinary tract computed tomography, Arger PH; Coleman BG; Mintz MC, (Semin US CT MR), 7: 287, 1986

staging of bladder carcinoma: MRI-CT-surgical correlation, Amendola MA; Glazer GM; Grossman HB; et al, (AJR), 146: 1179, 1986

# Bladder neoplasms, metastases

bladder cancer: value of routine bone scintigraphy, Davey P; Merrick MV; Duncan W; et al, (Radiology), **156**: 571, 1985

#### Bladder neoplasms, MR studies

staging of bladder carcinoma: MRI-CT-surgical correlation. Amendola MA; Glazer GM; Grossman HB; et al, (AJR), 146: 1179, 1986

urinary bladder MR imaging, part II. neoplasm, Fisher MR; Hricak H; Tanagho EA, (Radiology), 157: 471, 1985

#### Bladder neoplasms, staging

lymphography and percutaneous fine needle node aspiration biopsy in the staging of bladder carcinoma, Gibod LB; Katz M; Cochand B; et al, (Radiology), 155: 272, 1985

predictive value of excretory urography, ultrasonography, computerized tomography and liver and bone scan in the staging of bilharzial bladder cancer in Saudi Arabia, Hanash KA; Bissada NK; Abla A; et al, (Radiology), 154: 848, 1985

staging of bladder carcinoma: MRI-CT-surgical correlation, Amendola MA; Glazer GM; Grossman HB; et al. (AJR), 146: 1179, 1986

urinary bladder MR imaging, part II. neoplasm, Fisher MR; Hricak H; Tanagho EA, (Radiology), **157**: 471, 1985

urinary bladder tumors studied by Yousef MM; Narayana AS; Brown RC; Franken EA Jr, (Radiology), **153**: 227, 1984

# Bladder neoplasms, therapeutic radiology

adjuvant doxorubicin hydrochloride and radiation in stage D bladder cancer: a preliminary report, Schaeffer AJ; Grayhack JT; Merrill JM; et al, (Radiology), 154: 573, 1985

cisplatin and full dose irradiation for patients with invasive bladder carcinoma: response, Shipley WU; Coombs LJ; Einstein AB Jr; et al, (Radiology), **156**: 286,

contemporary cystectomy with pelvic node dissection compared to preoperative radiation therapy plus cystectomy in management of invasive bladder cancer, Skinner DG; Lieskovsky G, (Radiology), **154**: 573, 1985

controversial role of radiation therapy as adjunctive treatment of bladder cancer, Droller MJ, (Radiology), 151: 278, 1984

factors influencing the prognosis in bladder cancer, Wijnmaalen A; van der Werf-Messing BHP, (Int J Radiat Oncol Biol Phys), 12: 559, 1986

intravesical administration of misonidazole in bladder carcinoma, Choneim MA; Shaaban AA; El-Merzabani MM, (Radiology), **152**: 271, 1984

intravesical CDDP therapy compared with travesical CDDP referably compared with combined CDDP and external radiation in noninvasive bladder cancer. monitored with quantitative fluorescence cytology, Hemstreet GP III; West 55; Weems WR; et al, (Radiology), 154: 863, 1985

preoperative irradiation with and without chemotherapy as adjunct to radical cystectomy, Herr HW, (Radiology), **156**: 572, 1985

primary radical radiotherapy for T3 transitional cell cancer of the bladder: analysis of survival and control, Quilty PM; Duncan W, (Int J Radiat Oncol Biol Phys), 12: 853, 1986

radiation-induced cystitis following intracavitary irradiation for superficial bladder cancer, Maatman TJ; Novick AC; Montague DK; et al, (Radiology), 151: 838,

radiation management of squamous cell carcinoma of the bladder, Prempree T; Amornmarn R, (Radiology), **155**: 558, 1985

radiotherapy for squamous carcinoma of the urinary bladder, Quilty PM; Duncan W, (Int J Radiat Oncol Biol Phys), 12: 861, 1986

randomized comparison of photons and 15 MeV neutrons for the treatment of carcinoma of the bladder, Pointon RS; Read G; Greene D, (Radiology), **158**: 576,

small-volume high-dose radiation therapy in carcinoma of the urinary bladder, Skolyszewski J; Weiss M, (Radiology), **154**: 286, 1985

T3 bladder cancer: salvage rather than elective cystectomy after radiotherapy, Hope-Stone HF; Oliver RTD; England HR; et al, (Radiology), 156: 285, 1985

vitamin B12 deficiency after irradiation for bladder carcinoma, Kinn A-C; Lantz B, (Radiology), 154: 573, 1985

Bladder neoplasms, US studies

ladder neoprasms, 0.5 studies calcified tumor of the urinary bladder: sonographic diagnosis and distinction from a bladder calculus, Sumers EH; Gittes RF, (J Ultrasound Med), 4: 681, 1985

ultrasound of bladder tumors, Abu-Yousef MM, (Semin US CT MR), 7: 275, 1986

case report 366, Mirra JM; Kameda N, (Skeletal Radiol), 15: 323, 1986

CT findings in hepatoblastoma, Amendola MA; Blane CE; Amendola BE; et al, (JCAT), 8: 1105, 1984

esthesioneuroblastoma imaged with bone scintigraphy, Acker R; Leonard JC, (Clin Nucl Med), 11: 670, 1986

integrated imaging of hepatic tumors in childhood. part I: malignant lesions (primary and metastatic), Miller JH; Greenspan BS, (Radiology), 154: 83, 1985

MR imaging of esthesioneuroblastoma, Schroth G; Gawehn J; Marquardt B; et al, (JCAT), 10: 316, 1986

pulmonary blastoma in children, two cases, Galifer RB; Margueritte G; Gubler JP; et al, (Radiology), **151**: 548, 1984

#### Blastomycosis

blastomycosis of the esophagus presenting with gastrointestinal bleeding, McKenzie R; Khakoo R, (Radiology), **158**: 568, 1986

miliary pulmonary blastomycosis, Stelling CB; Woodring JH; Rehm SR; Hopper DW; Noble RC, (Radiology), **150**: 7, 1984

pulmonary blastomycosis: radiologic manifestations, Halvorsen RA; Duncan JD; Merten DF; Gallis HA; Putman CE, (Radiology), 150: 1, 1984

radiological aspects of South American blastomycosis in children, Boechat MI; Gold RH; Gilsanz V; et al, (Radiology), 153:

#### Bleomycin

bleomycin-related lung damage: CT evidence, Bellamy EA; Husband JE; Blaquiere RM; Law MR, (Radiology), **156**: 155, 1985

factors affecting the pulmonary toxicity of bleomycin, Parvinen LM; Kilkku P; Makinen E; et al, (Radiology), **154**: 269, 1985 severe bleomycin-induced pneumonitis:

clinical features and response to corticosteroids, White DA; Stover DE, (Radiology), 155: 847, 1985

#### Blood

See also Anemia; Leukemia

#### Blood, calcium

high renal activity on bone scintigrams. a sign of hypercalcaemia?, Buyon-Thomas MS; Wraight EP, (Radiology), **152**: 870, 1984

# Blood, coagulation

analysis of blood clot echogenicity, Peter DJ; Flanagan LD; Cranley JJ, (JCU), 14: 111, 1986

Contrast, coagulation, and fibrinolysis, Dawson P; Hewitt P; Mackie IJ; et al, (Invest Radiol), 21: 248, 1986

correlation of the echogenicity and structure of clotted blood, Alanen A; Kormano M, (J Ultrasound Med), 4: 421, 1985

Ultrasound Med.), 4: 421, 1985 effect of various contrast media on coagulation, fibrinolysis, and platelet function: in vitro and in vivo study, Stormorken H; Skalpe IO: Testart MC, (Invest Radiol), 21: 348, 1986 further studies on ultrasonic properties of blood clots, Shung KK; Fei DY; Ballard JO III. (JCU), 14: 269, 1986

giant rectus sheath hematomas of the pelvis complicating anticoagulant therapy: CT findings, Pastakia B; Horvath K; Kurtz D; et al, (JCAT), 8: 1120, 1984

hemangioma with consumptive coagulopathy (Kasabach-Merritt syndrome) detection by indium-111 oxine-labeled platelets, Schmidt RP; Lentle BC, (Radiology), 155:

inhibition of platelet function by contrast media: iopamidol and ioxaglate versus iothalamate. work in progress, Rao AK; Rao VM; Willis J; Beckett C; Steiner RM, (Radiology), **156**: 311, 1985

(Rautology), 156: 511, 1765 molecular masking and unmasking of the paramagnetic effect of iron on the proton spin-lattice (T<sub>1</sub>) relaxation time in blood and blood clots, Finnie M; Fullerton GD; Cameron IL, (Magn Res Imag), 4: 305, 1986

MR appearance of blood and blood products: in vitro study, Cohen MD; McGuire W; Cory DA; et al, (AJR), **146**: 1293, 1986

ultrasonic characterization of blood during coagulation, Shung KK; Fei D-y; Yuan Y-w; et al, (Radiology), **153**: 860, 1984

#### Blood, diseases

unusual ultrasound appearance of the spleen—case of hereditary spherocytosis, Gupta R; Woodham CH, (Br J Radiol), 59: 284, 1986

## Blood, fibrinogen

prevention of postvenographic thrombosis by heparin flush: fibrinogen uptake measurements, Minar E; Ehringer H; Sommer G; et al, (AJR), 143: 629, 1984

sommer (.) et al. (A)(k), 143: 625, 1796 recombinant human tissue-type plasminogen activator for thrombolysis in peripheral arteries and bypass grafts, Risius B; Graor RA; Geisinger MA; Zelch MG; Lucas FV; Young JR; Grossbard EB, (Radiology), 160: 183, 1986

#### Blood, flow dynamics

absolute flow measurements using pulsed Doppler US: work in progress, Walter JP; McGahan JP; Lantz BMT, (Radiology), **159**: 545, 1986

appearance of rapidly flowing blood on magnetic resonance images, Bradley WG Jr; Waluch V; Lai K-S; et al, (AJR), 143: 1167,

arterial blood-flow waveform measurement in intact animals: new digital radiographic technique, Swanson DK; Myerowitz PD; Hegge JO; Watson KM, (Radiology), 161: 323, 1986

artifacts from pulsatile flow in MR imaging, Perman WH; Moran PR; Moran RA; et al, (JCAT), 10: 473, 1986

assessment of hand blood flow: modified technique, Kirsh JC; Tepperman PS, (AJR), 144: 781, 1985

blood flow effects in magnetic resonance imaging, Axel L, (AJR), 143: 1157, 1984

blood flow imaging by cine magnetic resonance, Nayler GL; Firmin DN; Longmore DB, (JCAT), 10: 715, 1986 blood flow imaging with MR: spin-phase phenomena, von Schulthess GK; Higgins CB, (Radiology), **157**: 687, 1985

blood flow in deep abdominal and pelvic vessels: ultrasonic pulsed-Doppler analysis, Taylor KJW; Burns PN; Woodcock JP; Wells PNT, (Radiology), **154:** 487, 1985

blood flow: magnetic resonance imaging, Bradley WG Jr; Waluch V, (Radiology), **154**: 443, 1985

blood flow mapping in the human liver by the xenon/CT method, Gur D; Good WF; Herbert DL; et al, (JCAT), 9: 447, 1985

changes of arterial blood flow patterns during infusion chemotherapy, as monitored by intra-arterially injected technetium 99m macroaggregated albumin, Bledin AG; Kim EE; Chuang P; et al, (Radiology), 154: 285, 1985

echo-Doppler measurement of splanchnic blood flow in control and cirrhotic subjects, Zoli M; Marchesini G; Cordiani MR; et al, (JCU), 14: 429, 1986

evaluation of a physiologic method of interpreting first circulation time-indicator curves, Klingensmith WC III, (Invest Radiol), 21: 566, 1986

flow analysis with digital subtraction angiography: 1. description of a simplified flow model, Hesselink JR; Chang KH; Chung KJ; et al, (AJNR), 7: 423, 1986

flow analysis with digital subtraction angiography: 2. acquisition and accuracy of transit-flow measurements, Hesselink JR; Chang KH; Chung KJ; et al, (AJNR), 7: 427,

fractional distribution of the cardiac output in man using microspheres labelled with technetium 99m, Crean PA; Pratt T; Davies GJ; et al, (Br J Radiol), 59: 209, 1986

gated MR imaging of the heart: intracardiac signals in patients and healthy subjects, von Schulthess GK, Fisher MR; Crooks LE; Higgins CB, (Radiology), 156: 125, 1985

influence of intravascular activity on the determination of blood flow and oxygen extraction in normal and ulcerated legs using the <sup>15</sup>O steady-state technique and positron emission tomography, Spinks TJ; Lammertsma AA; Jones T; et al, (JCAT), 9: 342 1985.

inner volume MR imaging: technical concepts and their application, Feinberg DA; Hoenninger JC; Crooks LE; Kaufman L; Watts JC; Arakawa M, (Radiology), 156: 743,

jugular venous thrombosis: MR imaging, Braun IF; Hoffman JC Jr; Malko JA; Pettigrew RI; Dannels W; Davis PC, (Radiology), **157**: 357, 1985

magnetic resonance signal intensity patterns obtained from continuous and pulsatile flow models, George CR; Jacobs G; MacIntyre WJ; Lorig RJ; Go RT; Nose Y; Meaney TF, (Radiology), 151: 421, 1984

measurement of limb blood flow using measurement of limb blood flow using technetium-labelled red blood cells, Parkin A; Robinson PJ; Wiggins PA; et al, (Br J Radiol), 59: 493, 1986 measurement of peripheral blood flow by thermodilution techniques, Nadel SN; Greene AS; White RI Jr; et al, (Invest Padiol), 11: 631-1985

Radiol), 21: 631, 1986

MR imaging of blood vessels using three-dimensional reconstruction: methodology, Hale JD; Valk PE; Watts JC; Kaufman L; Crooks LE; Higgins CB; Deconinck F, (Radiology), 157; 727, 1985

MR imaging of venous and arterial flow by a selective saturation-recovery spin echo (SSRSE) method, Wehrli FW; Shimakawa A; MacFall JR; et al, (JCAT), 9: 537, 1985

MRI of blood flow: correlation of image appearance with spin-echo phase shift and signal intensity, Valk PE; Hale JD; Crooks LE; et al, (AJR), 146: 931, 1986

new system for quantitative arterial imaging and blood flow measurements, Cunningham IA; Hobbs BB; Fenster A, (Invest Radiol), 21: 465, 1986

nuclear magnetic resonance blood flow measurements, Singer JR, (Cardiovasc Intervent Radiol), 8: 251, 1986

nuclear magnetic resonance blood flow measurements in the human brain, Singer JR; Crooks LE, (Radiology), **151**: 270, 1984

parametric imaging, Bursch JH; Heintzen PH, (Radiol Clin North Am), 23: 321, 1985

portal hemodynamics in patients with hepatocellular carcinoma, Moriyasu F; Ban N; Nishida O; Nakamura T; Soh Y; Miura K; Sakai M; Miyake T; Uchino H, (Radiology), 161: 707, 1986

projective MRI angiography and quantitative flow-volume densitometry, Wedeen VJ; Rosen BR; Buxton R; et al, (Magn Res Med), 3: 226, 1986

pulsatile blood velocity in human arteries displayed by magnetic resonance imaging, Feinberg DA; Crooks LE; Hoenninger JC; Arakawa M; Watts JC, (Radiology), 153: 177,

pulsed Doppler echocardiographic method for calculation of pulmonary and systemic flow: accuracy in a canine model with ventricular septal defect, Valdes-Cruz LM; Horowitz S; Mesel E; et al, (Radiology), 151: 832, 1984 pulsed-injection method for blood flow

velocity measurement in intraarterial digital subtraction angiography, Shaw C-G; Plewes DB, (Radiology), 160: 556, 1986

quantitative flow measurements with Doppler ultrasound: techniques, accuracy, and limitations, Burns PN; Jaffe CC, (Radiol Clin North Am), 23: 641, 1985

NUCTO AID), 23: 641, 1985 quantitative pulsed Doppler measurement of common femoral artery blood flow variables during postocclusive reactive hyperemia, Marquis C; Meister J-J; Mooser E; etal, (JCU), 14: 165, 1986

18: 105, 1766
radionuclide assessment of peripheral hemodynamics: new technique for measurement of forearm blood volume and flow, Todo Y; Tanimoto M; Yamamoto T; et al., (J Nucl Med), 27: 192,

recombinant human tissue-type plasminogen activator for thrombolysis in peripheral arteries and bypass grafts, Risius B; Graor RA; Geisinger MA; Zelch MG; Lucas FV; Young JR; Grossbard EB, (Radiology), 160: 183, 1986

studies of blood flow employing duplex, pulsed Doppler real-time, sonography, James AE Jr; Carroll BA; Thieme GA; et al, (Radiology), 151: 556, 1984

time-of-flight method of measuring flow velocity by magnetic resonance imaging, Axel L; Shimakawa A; MacFall JR, (Magn Res Imag), 4: 199, 1986

time-of-flight MR flow imaging: selective saturation recovery with gradient refocusing, Wehrli FW; Shimakawa A; Gullberg GT; MacFall JR, (Radiology), 160: 781, 1986

two-dimensional Doppler echocardiographic method for calculation of pulmonary and systemic blood flow in a canine model with a variable-sized left-to-right extracardiac shunt, Meijboom EJ; Valdes-Cruz LM; Horowitz S, et al. (Radiology), 151: 831, 1984

ultrasonic assessment of abdominal venous return: II. volume blood flow in the inferior vena cava and portal vein, Smith H-J; Grottum P; Simonsen S, (Acta Radiol [Diagn]), 27: 23, 1986

validation of a CT method for flow determination. work in progress, Guthaner DF; Nassi M; Bradley B, (Radiology), 151: 429, 1984

verification and evaluation of internal flow and motion: true magnetic resonance imaging by the phase gradient modulation method, Moran PR; Moran RA; Karstaedt N, (Radiology), 154: 433, 1985

visualization of moving fluid: quantitative suanization of moving fluid: quantitative analysis of blood flow velocity using MR imaging, Shimizu K; Matsuda T; Sakurai T; Fujita A; Ohara H; Okamura S; Hashimoto S; Mano H; Kawai C; Kiri M, (Radiology), 159: 195, 1986

xenon/CT blood flow mapping of the kidney and liver, Gur D; Yonas H; Wolfson SK Jr; et al, (JCAT), 8: 1124, 1984

#### Blood, MR studies

blood flow imaging by cine magnetic resonance, Nayler CL, Firmin DN; Longmore DB, (JCAT), 10: 715, 1986 influence of NMR measuring sequences and gradient variation on signals from flowing systems. magnetic resonance tomography on experimental models, Strecker E-P; Holz M; Meyer-Waarden K; et al, (Eur J Radiol), 6: 53,

MR appearance of blood and blood products: in vitro study, Cohen MD; McGuire W; Cory DA; et al, (AJR), 146: 1293, 1986

technique for velocity imaging using magnetic resonance imaging, Ridgway JP; Smith MA, (Br J Radiol), 59: 603, 1986

#### Blood, platelets

100d. platelets accessory spleen compromising response to splenectomy for idiopathic thrombocytopenic purpura, Ambriz R; Munoz R; Quintanar E; Sigler L; Aviles A; Pizzuto J, (Radiology), 155: 793, 1985 acute thrombocytopenia induced by parenteral radiographic contrast medium, Lacy J; Bober-Sorcinelli KE; Farber LR; et al, (AJR), 146: 1298, 1986.

146: 1298, 1986

cardiac and vascular imaging with labeled platelets and leukocytes, Dewanjee MK, (Semin Nucl Med), 14: 154, 1984

clinical utility of labeled cells for detection of allograft rejection and myocardial infarction, Fawwaz RA, (Semin Nucl Med), 14: 198, 1984

effect of various contrast media on rect of various contrast media on coagulation, fibrinolysis, and platelet function: in vitro and in vivo study, Stormorken H; Skalpe IO; Testart MC, (Invest Radiol), 21: 348, 1986

evaluation of mathematic models to assess platelet kinetics, Lotter MG; Heyns AdP; Badenhorst PN; et al, (J Nucl Med), 27: 1192,

indium-111 labeled platelet deposition following transfemoral angiography, O'Connor MK; Brennan SS; Shanik DG, (Radiology), **158**: 191, 1986

inhibition of platelet function by contrast media: iopamidol and ioxaglate versus iothalamate. work in progress, Rao AK; Rao VM; Willis J; Beckett C; Steiner RM, (Radiology), 156: 311, 1985

(Natiology), 1985-311, 1985 labeled cells in the investigation of hematologic disorders, Alavi JB; Hansell J, (Semin Nucl Med), 14: 208, 1984 radioisotope labeled platelets in medical diagnosis, Pope CF; Sostman HD, (Invest Radiol), 21: 611, 1986

radiolabeled leukocytes and platelets, Datz FL, (Invest Radiol), 21: 191, 1986

(Invest Radiol), 21: 191, 1986
radiolabeling of platelets, Mathias CJ;
Welch MJ, (Semin Nucl Med), 14: 118, 1984
scintigraphy of gastrointestinal hemorrhage:
superiority of 99m-Tc red blood cells over
99m-Tc sulfur colloid, Bunker 5R; Lull RJ;
Tanasescu DE; et al, (AJR), 143: 543, 1984

Blood, proteins

vascular calcification in types II and IV hyperlipoproteinemia: radiographic appearance and clinical significance, Dinsmore RE; Lees RS, (AJR), 144: 895, 1985

# Blood, radionuclide studies

fractional distribution of the cardiac output in man using microspheres labelled with technetium 99m, Crean PA; Pratt T; Davies GJ; et al., (Br J Radiol), 59: 209, 1986

labeled cells in patients with malignancy, Dutcher JP, (Semin Nucl Med), 14: 251, 1984

labeled cells in the investigation of hematologic disorders, Alavi JB; Hansell J, (Semin Nucl Med), 14: 208, 1984

measurement of limb blood flow using easurement of fillib blood flow using technetium-labelled red blood cells, Parkin A; Robinson PJ; Wiggins PA; et al, (Br J Radiol), 59: 493, 1986

radionuclide assessment of peripheral hemodynamics: new technique for measurement of forearm blood volume and flow, Todo Y; Tanimoto M; Yamamoto T; et al. (J Nucl Med), 27: 192,

#### Blood, sodium

computed tomography in an infant with salt poisoning: relationship of hypodense areas in basal ganglia to serum sodium concentration, Habbick BF; Hill A; Tchang SP, (Radiology), 157: 282, 1985

# Blood, US studies

analysis of blood clot echogenicity, Peter DJ; Flanagan LD; Cranley JJ, (JCU), 14: 111, 1986

correlation of the echogenicity and structure of clotted blood, Alanen A; Kormano M, (J Ultrasound Med), 4: 421, 1985

effect of extreme acid and alkali changes upon the echogenicity of blood, Ramos JR; Sigel B; Machi J; et al, (J Ultrasound Med), 4: 513,

effects of temperature on blood flow ultrasonic echogenicity in vitro, Beitler JC; Sigel B; Machi J; et al, (Radiology), **153**: 280, 1984

further studies on ultrasonic properties of blood clots, Shung KK; Fei DY; Ballard JO III, (JCU), 14: 269, 1986

on the use of autoregressive time series in the modelling of Doppler signals for diagnostic purposes, D'Alessio T; Di Gulliomaria C; Sacco R; et al, (Radiology), 152: 268, 1984

sonography of coagulated blood—experimental and clinical findings, Aufschnaiter M, (Radiology), 151: 276, 1984

ultrasonic characterization of blood during coagulation, Shung KK; Fei D-y; Yuan Y-w; et al, (Radiology), **153**: 860, 1984

# Blood, volume

vascular pedicle of the heart and the vena azygos. part II: acquired heart disease Pistolesi M; Milne ENC; Miniati M; Giuntini C, (Radiology), **152:** 9, 1984

#### Blood-brain barrier

blood tumour barrier in intracranial tumours studied with x-ray computed tomography and positron emission tomography using 6 Ga-EDTA, Mosskin M; von Holst H; Ericson K, (Neuroradiol), 28: 259, 1986

comparison of blood-brain barrier disruption following intracarotid metrizamide and methylglucamine iothalamate (conray 280), Sage MR; Wilcox J; Evill CA; et al, (Radiology), 150: 862, 1984

effect of intravenous contrast material on the integrity of the blood-brain barrier: experimental study, Wilcox J; Sage MR; Evill CA, (AJNR), 5: 41, 1984

effects of intracarotid ionic and non-ionic contrast material on the blood-brain barrier in a rabbit model, Wilcox J; Evill CA; Sage MR, (Neuroradiol), 28: 271, 1986

impermeability of the blood-brain barrier to intravenous high-iodine-dose meglumine diatrizoate in the normal dog, Hayman LA; Pagani JJ; Serur JR; et al. (AJNR), 5: 409, 1984

is viscosity important in the production of blood-brain barrier disruption by intracarotid contrast media?, Wilcox J; Sage MR, (Radiology), 156: 567, 1985

multiple sclerosis: gadolinium enhancement in MR imaging, Grossman RI; Gonzalez-Scarano F; Atlas SW; Galetta S; Silberberg DH, (Radiology), 161: 721, 1986

radiotracers for functional brain imaging, Blau M. (Semin Nucl Med), 15: 329, 1985

rate of clearance of intrathecal iopamidol in the dog, Wilcox J; Evill CA; Sage MR, (Neuroradiol), 28: 359, 1986

#### **Blood vessels**

percutaneous angioscopy. work in progress, Ferris EJ; Ledor K; ben-Avi DD; Baker ML; Robbins KV; McCowan TC; Sharma B, (Radiology), **157**: 319, 1985

use of technetium-99m macroaggregated albumin to evaluate the position and condition of totally implanted venous and arterial access devices, Lee RGL; Hill TC; Lokich JJ; Bothe A Jr; Moore C; Clouse ME, (Radiology), 150: 593, 1984

wessel sizing wire: accurate vessel measurement using digital subtraction arteriography. Halden WJ Jr; White RI Jr; Bright J; Mitchell SE; Chang R, (Radiology), 161: 556, 1986

#### Blood vessels, flow dynamics See Blood, flow dynamics

# Blood vessels, foreign bodies

intravascular foreign bodies: percutaneous retrieval, Uflacker R; Lima S; Melichar AC, (Radiology), 160: 731, 1986

removal of intravascular foreign bodies using a modified Grollman catheter and dormia basket, Clouse ME; Costello P; O'Leary DH, (Radiology), 156: 270, 1985

#### Blood vessels, grafts

111 In-labeled leukocytes in the detection of prosthetic vascular graft infections, Williamson MR; Boyd CM; Read RC; et al, (AJR), 147: 173, 1986

detection of acute synthetic vascular graft infection with <sup>111</sup>In-labeled leukocyte scanning; animal study, Dries DJ; Alazraki NP; Lawrence PF; et al, (AJR), **145**:

entrapment of below-the-knee bypass grafts, LeVeen RF; Batterman HI; Billman LA; et al. (Cardiovasc Intervent Radiol), 9: 100, 1986

ictatiovask intervent kadion), 5, 100, 1966 intravenous digital subtraction angiography in patients with suspected bypass graft occlusion following surgery for peripheral vascular disease, Butler P; Williamson B, (Br J Radiol), 59: 329, 1986

# Blood vessels, inflammation

#### See Vasculitis

# Blood vessels, MR studies

acute experimental cerebral ischemia: MR enhancement using Gd-DTPA, McNamara MT; Brant-Zawadzki M; Berry I; Pereira B: Weinstein PR: Derugin N; Moore S; Kucharczyk W; Brasch RC, (Radiology), 158: 701, 1986

appearance of rapidly flowing blood on magnetic resonance images, Bradley WG Jr; Waluch V; Lai K-S; et al. (AJR), 143: 1167, 1984

blood flow effects in magnetic resonance imaging, Axel L, (AJR), 143: 1157, 1984

blood flow imaging with MR: spin-phase phenomena, von Schulthess GK; Higgins CB, (Radiology), **157:** 687, 1985

calcific fibrosing mediastinitis: demonstration of pulmonary vascular obstruction by magnetic resonance imaging, Farmer DW; Moore EH; Amparo EG; et al. (AJR), 143: 1189, 1984

cervical internal carotid artery dissecting hemorrhage: diagnosis using MR, Goldberg HJ; Grossman RI; Gomori JM; Asbury AK; Bilaniuk LT; Zimmerman RA, (Radiology), **158**: 157, 1986

demonstration of a splenic artery pseudoaneurysm by MR imaging, Martin KW; Morian JP Jr; Lee JKT; et al, (JCAT), 9: 190, 1985

intravascular signal in MR imaging: use of phase display for differentiation of blood-flow signal from intraluminal disease, White EM; Edelman RR; Wedeen VJ; Brady TJ, (Radiology), 161: 245, 1986

in vivo <sup>19</sup>F NMR imaging of the cardiovascular system, Joseph PM; Fishman JE; Mukherji B; et al, (JCAT), **9**: 1012, 1985

jugular venous thrombosis: MR imaging, Braun IF; Hoffman JC Jr; Malko JA; Pettigrew RI; Dannels W; Davis PC, (Radiology), **157**: 357, 1985

magnetic resonance angiography, Dumoulin CL; Hart HR Jr, (Radiology), 161: 717, 1986

MR gated subtraction angiography: evaluation of lower extremities, Meuli RA; Wedeen VJ; Geller SC; Edelman RR; Frank LR; Brady TJ; Rosen BR, (Radiology), 159: 411, 1986

MR imaging of blood vessels using three-dimensional reconstruction: methodology, Hale JD; Valk PE; Watts JC; Kaufman L; Crooks LE; Higgins CB; Deconinck F, (Radiology), 157: 727, 1985

MR imaging of the aorta with three-dimensional vessel reconstruction: validation by angiography, Valk PE; Hale JD; Kaufman L; Crooks LE; Higgins CB, (Radiology), **157**: 721, 1985

MRI of blood flow: correlation of image appearance with spin-echo phase shift and signal intensity, Valk PE; Hale JD; Crooks LE; et al, (AJR), 146: 931, 1986

MR technology: effect of even-echo rephasing on calculated T2 values and T2 images, Kucharczyk W; Brant-Zawadzki M; Lemme-Pleghos L; Uske A; Kjos BO; Feinberg DA; Norman D, (Radiology), 157: 95, 1985

nuclear magnetic resonance blood flow measurements, Singer JR, (Cardiovasc Intervent Radiol), 8: 251, 1986

nuclear magnetic resonance imaging of the cardiovascular system, Higgins CB; Lanzer P; Stark DD; et al, (Radiographics), 4:

oblique magnetic resonance imaging of the cardiovascular system, Rholl KS; Levitt RG; Glazer HS; Gutierrez FR; Murphy WA; Lee JKT; Geltman EM; Peterson RR, (Radiographics), 6: 177, 1986

projective MRI angiography and quantitative flow-volume densitometry, Wedeen VJ; Rosen BR; Buxton R; et al, (Magn Res Med), 3: 226, 1986

pulsatile blood velocity in human arteries displayed by magnetic resonance imaging, Feinberg DA; Crooks LE; Hoenninger IC; Arakawa M; Watts JC, (Radiology), **153**: 177,

time-of-flight method of measuring flow velocity by magnetic resonance imaging, Axel L; Shimakawa A; MacFall JR, (Magn Res Imag), 4: 199, 1986

time-of-flight MR flow imaging; selective saturation recovery with gradient refocusing, Wehrli FW; Shimakawa A; Gullberg GT; MacFall JR, (Radiology), 160: 781, 1986

visualization of major blood vessels by magnetic resonance in children with malignant tumors, Cohen MD; Smith JA; Cory DA; Carr BE; Grosfeld JL; Klatte EC, (Radiographics), 5: 441, 1985

(Radiographias), 5, 441, 1969 visualization of moving fluid: quantitative analysis of blood flow velocity using MR imaging, Shimizu K; Matsuda T; Sakurai T; Fujita A; Ohara H; Okamura S; Hashimoto S; Mano H; Kawai C; Kiri M, (Radiology), 159: 105: 1094.

#### Blood vessels, stenosis

leg perfusion evaluated by delayed administration of thallium-201, Burt RW; Mullinix FM; Schauwecker DS; Richmond BD, (Radiology), **151**: 219, 1984

#### Blood vessels, US studies

blood flow in deep abdominal and pelvic vessels: ultrasonic pulsed-Doppler analysis, Taylor KJW; Burns PN; Woodcock JP; Wells PNT, (Radiology), 154: 487, 1985

duplex ultrasonography: its expanding role in noninvasive vascular diagnosis, Grant EG, (Radiol Clin North Am), 23: 563, 1985

operative ultrasonic imaging of vascular defects, Sigel B; Machi J; Anderson KW III; et al, (Semin US CT MR), 6: 85, 1985

vascular ultrasonography, O'Leary DH, (Radiol Clin North Am), 23: 39, 1985

#### Bone marrow

in vivo modulation of glutathione by buthionine sulfoximine: effect on marrow response to melphalan, Russo A; Tochner Z; Phillips T; et al, (Int J Radiat Oncol Biol Phys), 12: 1187, 1986

marrow heterotopia in thalassemia, Papavasiliou C; Gouliamos A; Andreou J, (Eur J Radiol), 6: 92, 1986

red-yellow marrow conversion: its effect on the location of some solitary bone lesions, Kricun ME, (Radiology), 157: 850, 1985 Bone marrow, biopsy

bone scan appearances following biopsy of bone and bone marrow, McKillop JH; Maharaj D; Boyce BF; Fogelman I, (Radiology), 153: 241, 1984

Bone marrow, MR studies

bone marrow imaging: magnetic resonance studies related to age and sex, Dooms GC; Fisher MR; Hricak H; Richardson M; Crooks LE; Genant HK, (Radiology), 155: 429, 1985

bone marrow in children with acute lymphocytic leukemia: MR relaxation times, Moore SG; Gooding CA; Brasch RC; Ehman RL; Ringertz HG; Ablin AR; Matthay KK; Zoger S, (Radiology), 160: 237, 1006.

chemical shift imaging of bone marrow: preliminary experience, Wismer GL; Rosen BR; Buxton R; et al, (AJR), **145**: 1031,

cryoprotective effects of dimethyl sulfoxide on human bone marrow as studied by <sup>31</sup>P nuclear magnetic resonance spectroscopy, Brauer M; Penney HF; Janowska-Wieczorek A; et al, (Magn Res Med), 3: 203, 1986

Gaucher disease: assessment with MR imaging, Lanir A; Hadar H; Cohen I; Tal Y; Benmair J; Schreiber R; Clouse ME, (Radiology), 161: 239, 1986

(Nationogy), 101: 239, 1986 hematopoietic and fatty bone marrow distribution in the normal and ischemic hip: new observations with 1.5-T MR imaging, Mitchell DG; Rao VM; Dalinka MK; Spritzer CE; Axel L; Gefter WB; Kricun ME; Steinberg ME; Kressel HY, (Radiology), 161: 199, 1986

magnetic resonance imaging of bone marrow disorders, Porter BA; Shields AF; Olson DO, (Radiol Clin North Am), 24: 269, 1986

(Radiol Cliff North Alift), 24: 209, 1960 magnetic resonance imaging of the bone marrow in patients with leukemia, aplastic anemia, and lymphoma, Olson DO; Shields AF; Scheurich CJ; et al, (Invest Radiol), 21: 540, 1986

MRI in the detection of malignant infiltration of bone marrow, Daffner RH; Lupetin AR; Dash N; et al. (AJR), 146: 353, 1986 MR imaging in myelofibrosis, Lanir A; Aghai E; Simon JS; et al, (JCAT), 10: 634, 1986

MR imaging of bone marrow in children, Kangarloo H; Dietrich RB; Taira RT; et al, (JCAT), 10: 205, 1986

wrist: preliminary report on high-resolution MR imaging, Koenig H; Lucas D; Meissner R, (Radiology), **160**: 463, 1986

# Bone marrow, radionuclide studies

clinical use of radionuclide bone marrow imaging, Datz FL; Taylor A Jr, (Semin Nucl Med), 15: 239, 1985

increased bone marrow blood flow in polycythemia vera, Lahtinen R; Lahtinen T; Hyodynmaa S, (Radiology), **151**: 278, 1984

radiopharmaceuticals for spleen and bone marrow studies, Desai AG; Thakur ML, (Semin Nucl Med), 15: 229, 1985

# Bone marrow, transplantation

one marrow, transplantation computed tomography of gastrointestinal inflammation after bone marrow transplantation, Jones B; Fishman EK; Kramer SS; et al, (AJR), **146**: 691, 1986

iliac bone marrow harvesting: CT appearance, Walker MD; Bennett WF, (JCAT), 9: 1148,

increased mortality by septicemia, interstitial pneumonitis and pulmonary fibrosis among bone marrow transplant recipients receiving an increased mean dose rate of total irradiation, Ringden O; Bayrd I; Johansson B; et al, (Radiology), 154: 286, 1005.

infectious complications in adults with bone marrow transplantation and T-cell depletion of donor marrow: increased susceptibility to fungal infections, Pirsch JD; Maki DG, (Radiology), 161: 284, 1986

lung function after bone marrow grafting, Depledge M; Barrett A; Powles RL, (Radiology), 151: 563, 1984

plain abdominal radiograph in acute gastrointestinal graft-vs.-host disease, Maile CW; Frick MP; Crass JR; et al, (AJR), 145: 289, 1985

pneumonia in bone marrow transplant patients, Wise RH Jr; Shin MS; Gockerman JP; et al, (AJR), **143**: 707, 1984

pulmonary complications of bone marrow transplantation, Krowka MJ; Rosenow EC III; Hoagland HC, (Radiology), 156: 261,

#### Bone neoplasms

- case report 360, Coombs RJ; Zeiss J; McCann K; et al, (Skeletal Radiol), 15: 254,
- case report 366, Mirra JM; Kameda N, (Skeletal Radiol), 15: 323, 1986
- chondrosarcoma: correlation of radiological and histological grade, Rosenthal DI; Schiller AL; Mankin HJ, (Radiology), 150: 21, 1984
- clear cell chondrosarcoma, Kumar R; David R; Cierney G III, (Radiology), **154**: 45, 1985
- computed tomography of parosteal osteosarcoma, Hudson TM; Springfield DS; Benjamin M; et al, (AJR), 144: 961, 1985
- dedifferentiated chondrosarcoma: radiographic features, de Lange EE; Pope TL Jr; Fechner RE, (Radiology), **161**: 489, 1986
- extremity bone tumors: evaluation by P-31 MR spectroscopy, Nidecker AC; Muller S; Aue WP; Seelig J; Fridrich R; Remagen W; Hartweg H; Benz UF, (Radiology), 157: 167,
- giant cell reparative granuloma and other giant cell lesions of the bones of the hands and feet, Picci P; Baldini N; Sudanese A; et al, (Skeletal Radiol), 15: 415,
- giant cell tumor of bone: highlights of 407 cases, Dahlin DC, (AJR), 144: 955, 1985
- giant cell tumor: ossification in soft-tissue implants, Cooper KL; Beabout JW; Dahlin DC, (Radiology), **153**: 597, 1984
- giant cell tumors of bone: treatment with radiation therapy, Seider MJ; Rich TA; Ayala AG; Murray JA, (Radiology), **161**: 537, 1986
- intraosseous glomus tumor: report of a case and review of the literature Bjorkengren AG; Resnick D; Haghighi P; et al, (AJR), 147: 739, 1986
- malignant fibrous histiocytoma of bone. the experience at the Rizzoli Institute: report of 90 cases, Capanna R; Bertoni F; Bacchini P; et al, (Radiology), 154: 849, 1985
- mesenchymal chondrosarcoma of bone and soft tissue: review of 111 cases, Nakashima Y; Unni KK; Shives TC; et al, (Radiology), **161**: 575, 1986
- esenchymal chondrosarcoma of bone and soft tissues, Bertoni F; Picci P; Bacchini P; et al, (Radiology), **151**: 546, 1984
- osteogenic sarcoma associated with Paget's disease of bone. a clinicopathologic study of 65 patients, Huvos AG; Butler A; Bretsky SS, (Radiology), 152: 251, 1984
- primary lesions of bone in the 1st decade of life: retrospective survey of biopsy results, Senac MO Jr; Isaacs H; Gwinn JL, (Radiology), **160**: 491, 1986
- radiologist's role in the management of chondrosarcoma, Lodwick GS, (Radiology), 150: 275, 1984
- sarcoma of bone following therapeutic irradiation for breast carcinoma, Doherty MA; Rodger A; Langlands AO, (Int J Radiat Oncol Biol Phys), **12**: 103, 1986
- thoughts on the diagnosis of bone tumors, Freiberger R, (Radiology), 150: 276, 1984

# Bone neoplasms, angiography

- one neoplasms, angiography
  angiographic response of osteosarcoma
  following pre-operative chemotherapy,
  Kumpan W; Lechner G; Wittich GR; et al,
  (Skeletal Radiol), 15: 96, 1986
  bone sarcomas in Paget disease: a study of 85
  patients, Smith J; Botet JF; Yeh SDJ,
  (Radiology), 152: 583, 1984

## Bone neoplasms, CT

- bone sarcomas in Paget disease: a study of 85 patients, Smith J; Botet JF; Yeh SDJ, (Radiology), **152:** 583, 1984
- bone tumors: magnetic resonance imaging versus computed tomography, Zimmer WD; Berquist TH; McLeod RA; Sim FH; Pritchard DJ; Shives TC; Wold LE; May GR, (Radiology), 155: 709, 1985
- computed tomography analysis of bone tumors: patterns of cortical destruction and soft tissue extension, Brown KT; Kattapuram SV; Rosenthal DI, (Skeletal Radiol), 15: 448, 1986

- computed tomography and ultrasonography of the hemophilic pseudotumor and their use in surgical planning, Hermann G; Yeh H-C; Cilbert MS, (Skeletal Radiol), 15: 123, 1986
- computed tomography of the scapula, Crone-Munzebrock W; Heller M, (Eur J Radiol), 6:
- CT evaluation of osseous tumors, Rotte KH; Schmidt-Peter P; Kriedemann E, (Eur J Radiol), 6: 5, 1986
- dynamic computed tomography scanning of benign bone lesions: preliminary results, Levine E; Neff JR, (Radiology), 153: 279,
- MRI and CT evaluation of primary bone and soft-tissue tumors, Aisen AM; Martel W; Braunstein EM; et al, (AJR), 146: 749, 1986
- multiple myeloma: evaluation by CT, Schreiman JS; McLeod RA; Kyle RA; Beabout JW, (Radiology), **154:** 483, 1985
- osseous lipoma: CT appearance, Ramos A; Castello J; Sartoris DJ; Greenway GD; Resnick D; Haghighi P, (Radiology), **157**: 615, 1985
- osteosarcoma: role of CT in limb-sparing treatment, Schreiman JS; Crass JR; Wick MR; Maile CW; Thompson RC Jr, (Radiology), 161: 485, 1986
- tumor infiltration of the bone marrow: comparative study using computed tomography, Hermann G; Rose JS; Strauss L, (Radiology), 154: 567, 1985

#### Bone neoplasms, diagnosis

- aneurysmal bone cysts: MR imaging at 1.5 T, Beltran J; Simon DC; Levy M; Herman LJ; Weis LD; Mueller CF, (Radiology), **158**: 689,
- benign exostoses and exostotic chondrosarcomas: evaluation of cartilage thickness by CT, Hudson TM; Springfield DS; Spanier SS; Enneking WF; Hamlin DJ, (Radiology), 152: 595, 1984
- bone changes after rubella vaccination, Peters ME; Horowitz S, (AJR), 143: 27, 1984
- eosinophilic granuloma of bone: diagnosis and management, Nauert C; Zornoza J; Ayala A; et al, (Radiology), **154**: 556, 1985
- fibromatosis of bone in children, Capusten BM; Azouz EM; Rosman MA, (Radiology), **152**: 693, 1984
- fibrosarcoma and malignant fibrous histiocytoma of long bones: radiographic features and grading, Taconis WK; Mulder JD, (Radiology), **154**: 558, 1985
- sseous lipoma: CT appearance, Ramos A; Castello J; Sartoris DJ; Greenway GD; Resnick D; Haghighi P, (Radiology), **157**:
- osseous metastases of breast cancer. clinical, biochemical, radiographic, and scintigraphic evaluation of response to therapy, Hortobagyi GN; Libshitz HI; Seabold JE, (Radiology), 153: 270, 1984
- radiographic and CT appearance of intraosseous xanthoma mimicking a malignant lesion, Fink IJ; Lee MA; Gregg RE, (Radiology), 157: 281, 1985
- radiographic and scintigraphic skeletal imaging in patients with neuroblastoma: concise communication, Baker M; Siddiqui AR; Provisor A; et al, (Radiology), 152: 270, 1984
- radiographic hallmarks of peripheral chondrosarcoma, Norman A; Sissons HA, (Radiology), **151**: 589, 1984
- radiology of Ewing's sarcoma: intergroup Ewing's sarcoma study (IESS), Reinus WR; Gilula LA, (Radiographics), 4: 929, 1984
- radiology of giant cell tumors of bone: computed tomography, arthro-tomography, and scintigraphy, Hudson TM; Schiebler M; Springfield DS; et al, (Radiology), 154: 557, 1985
- radiology of medullary chondrosarcoma: preoperative treatment planning, Hudson TM; Manaster BJ; Springfield DS; et al, (Radiology), **153**: 269, 1984
- review of the unusual appearance or atypical location of osteogenic sarcoma in childhood, Heller RM; Dominguez R; Ertel IJ; Winfield AC; Kirchner SG, (Radiographics), 4: 507, 1984
- role of radiologic imaging in management planning of giant cell tumor of bone, Levine E; DeSmet AA; Neff JR, (Radiology),

#### Bone neoplasms, metastases

- benign giant-cell tumours of bone with pulmonary metastases and favourable prognosis, report on two cases and review of the literature, Vanel D; Contesso G; Rebibo G; et al, (Radiology), **154**: 555, 1985
- bone tumors: magnetic resonance imaging versus computed tomography, Zimmer WD; Berquist TH; McLeod RA; Sim FH; Pritchard DJ; Shives TC; Wold LE; May GR, (Radiology), 155: 709, 1985
- dedifferentiated chondrosarcoma: radiographic features, de Lange EE; Pope TL Jr; Fechner RE, (Radiology), **161**: 489, 1986
- postoperative whole lung irradiation with or without adriamycin in osteogenic sarcoma, Zaharia M; Caceres E; Valdivia S; et al, (Int J Radiat Oncol Biol Phys), 12: 907, 1986
- radionuclide evaluation of skeletal metastases: practical considerations, Gold RH; Bassett LW, (Skeletal Radiol), 15: 1, 1986
- sclerotic bone metastasis: radiologic-pathologic correlation, Aoki J; Yamamoto I; Hino M; Shigeno C; Kitamura N; Itoh H; Torizuka K; Itoh T; Furuta M, (Radiology), 159: 127, 1986

# Bone neoplasms, MR studies

- bone tumors: magnetic resonance imaging versus computed tomography, Zimmer WD; Berquist TH; McLeod RA; Sim FH; Pritchard DJ; Shives TC; Wold LE; May GR, (Radiology), 155: 709, 1985
- (Kadiology), 159: 709, 1985
  magnetic resonance imaging of bone marrow disease in children, Cohen MD; Klatte EC; Baehner R; Smith JA; Martin-Simmerman P; Carr BE; Provisor AJ; Weetman RM; Coates T; Siddiqui AR; Weisman SJ; Berkow R; McKenna S; McGuire WA, (Radiology), 151: 715, 1984
- magnetic resonance imaging of musculoskeletal neoplasms, Richardson ML; Kilcoyne RF; Gillespy T III; et al, (Radiol Clin North Am), 24: 259, 1986
- magnetic resonance imaging of primary malignant bone tumors, Bloem JL; Falke THM; Taminiau AHM; Doornbos J; Van Oosterom AT; Steiner RM; Overbosch EEH; Ziedses des Plantes BG Jr, (Radiographics), 5: 853, 1985
- MRI and CT evaluation of primary bone and soft-tissue tumors, Aisen AM; Martel W; Braunstein EM; et al, (AJR), 146: 749, 1986
- MR in the diagnosis of bone tumors, Reiser M; Rupp N; Biehl T; et al, (Radiology), **158**: 569, 1986

# Bone neoplasms, radiation-induced

postradiation osteogenic sarcoma of bone and soft tissues. a clinicopathologic study of 66 patients, Huvos AG: Woodard HQ; Cahan WG; et al, (Radiology), 156: 572, 1985

# Bone neoplasms, radionuclide studies

- bladder cancer: value of routine bone scintigraphy, Davey P; Merrick MV; Duncan W; et al, (Radiology), **156**: 571, 1985
- bone sarcomas in Paget disease: a study of 85 patients, Smith J; Botet JF; Yeh SDJ, (Radiology), 152: 583, 1984
- cold lesions on bone scan in pediatric neoplasms, Weingrad T; Heyman S; Alavi A, (Radiology), 153: 851, 1984
- diagnostic value of radionuclide technetium 99m-MDP skeletal survey in acute leukaemia, Paramsothy M; Peng LH; Samuel D, (Radiology), **154**: 563, 1985
- indium-111 leukocyte uptake in a case of metastatic tumor, McCarthy KE; Velchik MG, (Clin Nucl Med), 11: 440, 1986
- intraoperative osteoscintigraphy as an aid to bone biopsy, Renzoni SA; Convery FR; Ashburn W; et al, (Clin Nucl Med), 11: 619,
- multifocal osteogenic sarcoma in the seventh decade, Vento JA; Edkin R; Slavin JD Jr; et al, (Clin Nucl Med), 11: 282,
- osseous metastases of breast cancer. clinical, biochemical, radiographic, and scintigraphic evaluation of response to therapy, Hortobagyi GN; Libshitz HI; Seabold JE, (Radiology), 153: 270, 1984
- radionuclide bone scanning in giant cell tumor, Van Nostrand D; Madewell JE; McNiesh LM; et al, (J Nucl Med), 27: 329,

# Bone neoplasms, radionuclide studies

- radionuclide evaluation of skeletal metastases: practical considerations, Gold RH; Bassett LW, (Skeletal Radiol), 15: 1, 1986
- ring-like uptake pattern of a skeletal imaging agent in a huge renal cell carcinoma, Shih W-J; DeLand FH; Domstad PA; et al, (Clin Nucl Med), 11: 319, 1986
- role of bone scintigraphy in osteogenic sarcoma, Rees CR; Siddiqui AR; duCret R, (Skeletal Radiol), **15**: 365, 1986
- scintigraphic localization of bone lesions during surgery, Harcke HT; Conway JJ; Tachjdian MO; et al, (Radiology), 157: 575,
- staging of renal cell carcinoma: cost-effectiveness of routine preoperative bone scans, Campbell RJ; Broaddus SB; Leadbetter GW Jr, (Radiology), **156**: 571, 1985
- technetium-99m MDP demonstration of neoplastic lesions involving bone and adjacent soft tissues, Mathews J; Slavin JD Jr; Spencer RP, (Clin Nucl Med), 11: 98, 1986
- value of bone scanning in neoplastic disease, McNeil BJ, (Semin Nucl Med), 14: 277, 1984
- value of routine radionuclide bone scans in renal cell carcinoma, Blacher E; Johnson DE; Haynie TP, (Radiology), **159:** 571, 1986

## Bone neoplasms, secondary

- bladder cancer: value of routine bone scintigraphy, Davey P; Merrick MV; Duncan W; et al, (Radiology), 156: 571, 1985 case report 372, Kaplan PA; Phalen J; Macke R, (Skeletal Radiol), 15: 383, 1986
- cold sternal image as a sign of metastatic involvement, Carrio I; Estorch M, (Clin Nucl Med), 11: 417, 1986
- hepatocellular carcinoma with skeletal metastasis, Golimbu C; Firooznia H; Rafii M, (Radiology), **154**: 617, 1985
- lysis of osteoblastic lesions in prostatic cancer: a sign of progression, Pollen JJ; Resnek RH; Talner LB, (AJR), 142: 1175, 1984
- osseous metastases from renal cell carcinoma embolization and surgery for restoration of function. work in progress, Rowe DM; Becker GJ; Rabe FE; Holden RW; Richmond BD; Wass JL; Sequeira FW, (Radiology), 150: 673, 1984
- percutaneous bone biopsy in the patient with known or suspected osseous metastases, Mink JH, (Radiology), 161: 191, 1986
- regression of osteoblastic metastases from carcinoma of the prostate following therapy with tamoxifen, Amin R, (Br J Radiol), **59**: 703, 1986
- resorbing bone stimulates tumor cell growth: role for the host microenvironment in bone metastasis, Manishen WJ; Sivananthan K; Orr FW, (Radiology), 161: 575, 1986
- skeletal metastases from hepatoma: frequency, distribution, and radiographic features, Kuhlman JE; Fishman EK; Leichner PK; Magid D; Order SE; Siegelman SS, (Radiology), **160**: 175, 1986
- skeletal metastatic disease, its articular manifestations, Resnick D, (Radiology), **157**: 566, 1985
- strontium 89 for palliation of bone metastases, Reddy EK; Robinson RG; Mansfield CM, (Radiology), **160**: 285, 1986

# Bone neoplasms, staging

correlation between the radiologic staging orrelation between the radiologic staging studies and histopathologic findings in aggressive stage 3 giant cell tumor of bone, Present DA; Bertoni F; Hudson T; et al, (Radiology), 160: 285, 1986

# Bone neoplasms, therapeutic radiology

- Edinburgh experience of treating sarcomas of soft tissues and bone with neutron irradiation, Duncan W; Arnott SJ; Jack WJL, (Clin Radiol), 37: 317, 1986
- giant cell tumors of bone: treatment with radiation therapy, Seider MJ; Rich TA; Ayala AG; Murray JA, (Radiology), **161**: 537, 1986
- multiple daily fractions of radiation in the palliation of pain from bone metastases, Martin WMC, (Radiology), **150**: 303, 1984
- osseous metastases from renal cell carcinoma: seous metastases from renal cell carcinoma: embolization and surgery for restoration of function. work in progress, Rowe DM; Becker GJ; Rabe FE; Holden RW; Richmond BD; Wass JL; Sequeira FW, (Radiology), 150: 673, 1984

- primary non-Hodgkin's lymphoma ('reticulum cell sarcoma') of bone in adults, Parvinen LM; Jereb B; Nisce L, (Radiology), 154: 286, 1985
- radiation therapy of giant cell tumor of bone: analysis of 35 patients, Chen ZX; Gu DZ; Yu ZH; et al, (Int J Radiat Oncol Biol Phys), 12: 329, 1986

#### Bone neoplasms, therapy

- angiographic response of osteosarcoma following pre-operative chemotherapy, Kumpan W; Lechner G; Wittich GR; et al, (Skeletal Radiol), 15: 96, 1986
- early radiologic detection of local recurrence after curettage and acrylic cementation of giant cell tumours, Pettersson H; Rydholm A; Persson B, (Eur J Radiol), 6: 1,
- effect of chemotherapy on osteosarcoma of the extremities as apparent from conventional roentgenograms, den Heeten GJ; Thijn CJP; Kamps WA; et al, (Pediatr Radiol), 16: 407, 1986
- experimental evaluation of intraarterial occlusion-infusion chemotherapy, Kudo S; Wright KC; Chuang VP; et al, (ÅJR), **143**: 1069, 1984
- giant cell tumor of bone: radiographic changes following local excision and allograft replacement, Kattapuram SV; Phillips WC; Mankin HJ, (Radiology), **161**: 493, 1<sup>986</sup>
- iodine-131-labeled diphosphonates for palliative treatment of bone metastases: Il preliminary clinical results with iodine-131 BDP3, Eisenhut M; Berberich R; Kimmig B; et al, (J Nucl Med), **27:** 1255, 1986
- osteosarcoma: role of CT in limb-sparing treatment, Schreiman JS; Crass JR; Wick MR; Maile CW; Thompson RC Jr, (Radiology), 161: 485, 1986

#### Bone neoplasms, US studies

computed tomography and ultrasonography of the hemophilic pseudotumor and their use in surgical planning, Hermann G; Yeh H-C; Gilbert MS, (Skeletal Radiol), 15: 123, 1986

- See also under names of individual bones
- bones and joints in diabetes mellitus. vol. 4 in series in radiology, Forgacs S, Reviewed by Gondos B, (Radiology), **150**: 326, 1984
- observer variation in skeletal radiology, Cockshott WP; Park WM, (Radiology), **153**: 270, 1984

#### Bones, abnormalities

- bilateral failure of the capital femoral epiphysis: bilateral Perthes disease, multiple epiphyseal dysplasia, pseudoachondroplasia, and spondyloepiphyseal dysplasia congenita and tarda, Crossan JF; Wynne-Davies R; Fulford GE, (Radiology), 151: 264, 1984
- calvarial and phalangeal vascular impressions in thalassemia, Lawson JP; Ablow RC; Pearson HA, (AJR), 143: 641, 1984
- case report 341, Milgrom C; Kaplan L; Lax E, (Skeletal Radiol), 15: 150, 1986
- dense bone-too much bone: radiological considerations and differential diagnosis. parts I and II, Jacobson HG, (Radiology), 157: 564, 1985
- early skeletal hyperostoses secondary to 13-cis-retinoic acid, Pennes DR; Ellis CN; Madison KC; et al, (AJR), 142: 979, 1984
- enlarged phalangeal nutrient foramina in Gaucher disease and β-thalassemia major Fink IJ; Pastakia B; Barranger JA, (AJR), 143:
- generalised enchondromatosis associated with haemangiomas, soft-tissue calcifications and hemihypertrophy, Phelan EMD; Carty HML; Kalos S, (Br J Radiol), **59**: 69, 1986
- hip disease in Hutchinson-Gilford progeria syndrome, Gamble JG, (Radiology), **155**: 552, 1985
- hypertrophic osteoarthropathy in a young child with congenital cyanotic heart disease, Katariya S; Prasad PJ; Marwaha RK; et al, (Br I Radiol), 59: 75, 1986
- nonskeletal malformations in one of three vertebral anomalies, Poor MA; Alberti L Jr; Griscom NT; et al, (Radiology), 151: 823,

- osteopoikilosis: a radiological and pathological study, Lagier R; Mbakop A; Bigler A, (Radiology), **154**: 557, 1985
- skeletal changes in neuromuscular disorders mimicking juvenile rheumatoid arthritis and hemophilia, Richardson ML; Helms CA; Vogler JB III; et al, (AJR), 143: 893, 1984
- Voger Jo III; et al. (KJK), 143. 593, 1964
  SPONASTRIME dysplasia: familial short-limb
  dwarfism with saddle nose, spinal
  alterations and metaphyseal striation. report
  of 4 siblings, Fanconi S; Issler C;
  Giedion A; et al. (Radiology), 151: 549, 1984
- spondylo-megaepiphyseal-metaphyseal dysplasia: new bone dysplasia resembling cleidocranial dysplasia, Silverman FN; Reiley MA, (Radiology), 156: 365, 1985
- whistling face syndrome, or craniocarpotarsal dysplasia. report of a father and son and review of the literature, Malkawi H; Tarawneh M, (Radiology), 151: 264, 1984

# Bones, biopsy

- bone scan appearances following biopsy of bone and bone marrow, McKillop JH; Maharaj D; Boyce BF; Fogelman I, (Radiology), 153: 241, 1984
- computed tomography guided thin needle biopsy of small lytic bone lesions, Gatenby RA; Mulhern CB Jr; Moldofsky PJ, (Radiology), 154: 567, 1985
- intraoperative osteoscintigraphy as an aid to bone biopsy, Renzoni SA; Convery FR; Ashburn W; et al, (Clin Nucl Med), 11: 619,
- percutaneous bone biopsy in the patient with known or suspected osseous metastases, Mink JH, (Radiology), **161**: 191, 1986
- percutaneous osseous needle aspiration biopsy with nuclear medicine guidance, Zegel HG; Turner M; Velchik MG; et al, (Radiology), 153: 575, 1984
- radionuclide bone scan as an aid in localizing lesions for bone biopsy, Burkhalter JL; Patel BR; Harrison RB, (Radiology), **153**: 282,
- trephine biopsy of the skeleton with the aid of a hand drill, Kattapuram SV; Rosenthal DI; Phillips WC, (Radiology), **152**: 231, 1984

## Bones, blood supply

measurement of absolute bone blood flow by positron emission tomography, Nahmias C; Cockshott WP; Belbeck LW; et al, (Skeletal Radiol), 15: 198, 1986

#### Bones, chromosomal aberrations

fetal mucolipidosis II (I-cell disease): radiologic and pathologic correlation, Babcock DS; Bove KE; Hug G; et al, (Pediatr Radiol), 16: 32, 1986

- acetabular fracture assessment with computerized tomography, Rubenstein JD; Kellam JF; McGonigal D, (Radiology), 150: 866, 1984
- aneurysmal bone cyst of the calcaneus, Hertzanu Y; Mendelsohn DB; Gottschalk F, (Radiology), **151**: 51, 1984
- aneurysmal bone cysts: MR imaging at 1.5 T, Beltran J; Simon DC; Levy M; Herman LJ; Weis LD; Mueller CF, (Radiology), **158**: 689,
- benign exostoses and exostotic chondrosarcomas: evaluation of cartilage thickness by CT, Hudson TM; Springfield DS; Spanier SS; Enneking WF; Hamlin DJ, (Radiology), 152: 595, 1984
- bone metastases in pheochromocytoma: comparative studies of efficacy of imaging, Lynn MD; Braunstein EM; Wahl RL; Shapiro B; Gross MD; Rabbani R, (Radiology), 160: 701, 1986
- chondrosarcoma: correlation of radiological and histological grade, Rosenthal DI; Schiller AL; Mankin HJ, (Radiology), 150:
- complex musculoskeletal anatomy: analysis using three dimensional surface reconstruction, Totty WG; Vannier MW, (Radiology), **150**: 173, 1984
- computed tomography of axial skeletal osteoid osteomas, Gamba JL; Martinez S; Apple JS; et al, (AJR), **142**: 769, 1984
- computed tomography of parosteal osteosarcoma, Hudson TM; Springfield DS; Benjamin M; et al. (AJR), **144**: 961, 1985
- cross-sectional anatomy of the adult bony acetabulum, Rubenstein JD; Kellam JF; McGonigal D, (Radiology), **150**: 866, 1984

- CT absorption values of cancellous bone of normal vertebral bodies related to age, Robotti GC; Fritschy P; Triller J, (Radiology), 151: 555, 1984
- CT appearance of nidus in osteoid osteoma versus sequestration in osteomyelitis, Mahboubi S, (JCAT), 10: 457, 1986
- evaluation of distance-weighted SPECT reconstruction for skeletal scintigraphy, Hellman RS; Nowak D; Collier BD; Isitman A; Eisner RL, (Radiology), 159: 473,
- hematogenous osteomyelitis with fat-fluid level shown by CT, Rafii M; Firooznia H; Golimbu C; McCauley DI, (Radiology), 153:
- influence of vertebral fat content on quantitative CT density, Laval-Jeantet AM; Roger B; Bouysse S; Bergot C; Mazess RB, (Radiology), 159: 463, 1986
- intraosseous pneumatocysts of the ilium Radissedus phethatolysis of the findings on radiographs and CT scans, Ramirez H Jr; Blatt ES; Cable HF; McComb BL; Zornoza J; Hibri NS, (Radiology), **150**: 503, 1984
- osteoid osteoma: radionuclide diagnosis, Helms CA; Hattner RS; Vogler JB III, (Radiology), **151**: 779, 1984
- (Nationsy), 151779, 1909 peripheral and axial measurements of trabecular bone density in patients suspected of idiopathic vertebral osteoprossis, Bydder GM; Elsasser U; Hesp R; et al, (Radiology), 152: 561, 1984
- perspective: three-dimensional imaging of the musculoskeletal system, Pate D; Resnick D; Andre M; et al, (AJR), 147: 545, 1986
- precision of measurement of bone density with a special purpose computed tomography scanner, Hosie CJ; Smith DAS, (Br J Radiol), 59: 345, 1986
- trabecular bone density in the proximal femur: quantitative CT assessment. work in progress, Sartoris DJ; Andre M; Resnik CS; Resnick D, (Radiology), **160**: 707, 1986

- aneurysmal bone cyst of the calcaneus,
  Hertzanu Y; Mendelsohn DB: Gottschalk F, (Radiology), 151: 51, 1984
- aneurysmal bone cyst of the frontal bone—case report, Saha MM; Kapoor R, (Australas Radiol), 30: 8, 1986
- aneurysmal bone cyst presenting as a pelvic mass on sonographic examination, Mukuno DH; Lee TG; Watanabe AS; et al, (J Ultrasound Med), 5: 215, 1986
- aneurysmal bone cysts: MR imaging at 1.5 T, Beltran J; Simon DC; Levy M; Herman LJ; Weis LD; Mueller CF, (Radiology), **158**: 689,
- bone cysts containing silicone particles in bones adjacent to a carpal silastic implant, Telaranta T; Solonen KA; Tallroth K; et al, (Radiology), 154: 556, 1985
- bone lesions in systemic lupus erythematosus, Leskinen RH; Skrifvars BV; Laasonen LS; Edgren KJ, (Radiology), 153: 349, 1984
- case of the day, Goldberg ME; Frick M; Maile C; et al, (AJR), 144: 1290, 1985
- case report 378, Schultz E; Greenspan A, (Skeletal Radiol), 15: 405, 1986
- contrast examination as a prognostic factor in the treatment of solitary bone cyst by cortisone injection, Capanna R; Albisinni U; Caroli GC; et al, (Radiology), 154: 854, 1985
- epiphyseal involvement in unicameral bone cysts, Capanna R; Van Horn JR; Ruggieri P; et al, (Skeletal Radiol), 15: 428,
- fluid levels in aneurysmal bone cysts: a CT feature, Hudson TM, (AJR), 142: 1001, 1984
- giant cholesterol cysts of the petrous apex: radiologic features, Latack JT; Graham MD; Kemink JL; et al, (AJNR), 6: 409, 1985
- immunocytochemical markers (endothelial and histiocytic) and ultrastructure of primary aneurysmal bone cysts, Alles JU; Schultz A, (Radiology), 161: 860, 1986
- intraosseous pneumatocysts of the ilium: findings on radiographs and CT scans, Ramirez H Jr, Blatt ES, Cable HF; McComb BL, Zornoza J; Hibri NS, (Radiology), 150: 503, 1984
- juxtaepiphyseal aneurysmal bone cyst, Capanna R; Springfield DS; Biagini R; et al, (Radiology), **157**: 566, 1985

- middle sacral arteriography: diagnostic and therapeutic implications, Kudo S; Chuang VP; Wallace S; Bechtel WJ; Mir S, (Radiology), **151**: 65, 1984
- nature of humeral pseudocysts, Resnick D; Cone RO III, (Radiology), **150:** 27, 1984
- periosteal ganglion: a cause of cortical bone erosion, McCarthy EF; Matz S; Steiner GC; et al, (Fadiology), **154**: 556, 1985
- pigmented villonodular synovitis of synovial joints: clinical, pathologic, and radiologic features, Dorwart RH; Genant HK; Johnston WH; et al, (AJR), **143:** 877, 1984
- radiological features of "solid" aneurysmal bone cysts, Buirski G; Watt I, (Radiology), 156: 565, 1985
- regression of aneurysmal bone cyst following open biopsy, Scott I; Connell DG; Duncan CP, (J Canad Assoc Radiol), 37: 198,
- scintigraphy of aneurysmal bone cysts, Hudson TM, (AJR), 142: 761, 1984

#### Bones, density

- bone mineral density in the femoral neck: quantitative assessment using dual-energy projection radiography, Sartoris DJ; Sommer FG; Marcus R; et al, (AJR), 144: 605,
- bone reinforcement lines in chronic adult osteopenia: hypothesis, Kursunoglu S; Pate D; Resnick D; Haghighi P; Tyson R; Pitt M, (Radiology), **158**: **409**, 1986
- determination of bone density via I-125 densitometry in idiopathic scoliosis, Matzen KA; Rohloff R; Milachowski KA; et al, (Radiology), **156**: 859,
- dual-photon Gd-153 absorptiometry of bone, Wahner HW; Dunn WL; Mazess RB; Towsley M; Lindsay R; Markhard L; Dempster D, (Radiology), 156: 203, 1985
- Fourth International Workshop on Bone and Soft Tissue Densitometry Using Computed Tomography, Fontevraud, France, May 29-June 1, 1984: proceedings, (JCAT), (JCAT), 9: 602, 1985
- influence of vertebral fat content on quantitative CT density, Laval-Jeantet AM; Roger B; Bouysse S; Bergot C; Mazess RB, (Radiology), 159: 463, 1986
- precision of measurement of bone density with a special purpose computed tomography scanner, Hosie CJ; Smith DAS, (Br J Radiol), **59**: 345, 1986
- review: radiologic measurement of bone, Hangartner TN, (J Canad Assoc Radiol), 37:
- trabecular bone density in the proximal femur: quantitative CT assessment, work in progress, Sartoris DJ; Andre M; Resnik CS; Resnick D, (Radiology), 160: 707, 1986
- trabecular bone mineral density measurement in vivo: use of the ratio of coherent to Compton-scattered photons in the calcaneus, Shukla SS; Leichter I; Karellas A; Craven JD; Greenfield MA, (Radiology), 158: 695, 1984.

#### Bones, diseases

- amyloidosis and plasma cell dyscrasias of the musculoskeletal system, Subbarao K; Jacobson HG, (Semin Roentgenol), 21: 139, 1986
- bone imaging appearance of Pelligrini Stieda syndrome, Mishkin J; Makler PT Jr; Velchik MG, (Clin Nucl Med), 11: 291, 1986
- bone reinforcement lines in chronic adult osteopenia: hypothesis, Kursunoglu S; Pate D; Resnick D; Haghighi P; Tyson R; Pitt M, (Radiology), **158**: 409, 1986
- carpal boss: overview of radiographic evaluation, Conway WF; Destouet JM; Gilula LA; Bellinghausen HW; Weeks PM, (Radiology), 156: 29, 1985
- case of the season, Connor R, (Semin Roentgenol), 20: 325, 1985
- case report 387, Tabas JH; Daffner RH; Hartsock RJ; et al, (Skeletal Radiol), 15: 499,
- chromium 51 EDTA/technetium 99m MDP plasma ratio to measure total skeletal function, Nisbet AP; Edwards S; Lazarus CR; et al, (Radiology), 155: 863, 1985
- combined lung and bone disorder, Garrett MK, (Semin Roentgenol), 20: 323, 1985

- dense bone-too much bone: radiological considerations and differential diagnosis parts I and II, Jacobson HG, (Radiology), 157: 564, 1985
- familial infantile cortical hyperostosis in a large Canadian family, Maclachlan AK; Gerrard JW; Houston CS; et al, (Radiology),
- fibrogenesis imperfecta ossium, Stoddart PGP; Wickremaratchi T; Hollingworth P; et al, (Radiology), 155: 273, 1985
- heterotopic bone formation in patients with DISH following total hip replacement, Bundrick TJ; Cook DE; Resnik CS, (Radiology), 155: 595, 1985
- international nomenclature of constitutional diseases of bone, Beighton P; Cremin B; Faure C; et al, (Radiology), 151: 820, 1984
- knochenkrankheiter: diagnostik makroskopischer, histologischer und radiologischer strukturveranderungen des skeletts (bone disease: macroscopic, histologic, and radiologic diagnostic skeletal abnormalities), Adler C-P, Reviewed by Oestreich AE, (Radiology), 152: 240, 1984
- metabolic bone disease in pseudohypoparathyroidism: radiologic features, Burnstein MI; Kottamasu SR; Pettifor JM; Sochett E; Ellis BI; Frame B, (Radiology), **155**: 351, 1985
- musculoskeletal manifestations of sarcoidosis, Sartoris DJ: Resnick D; Resnik CS; et al, (Semin Roentgenol), 20: 376, 1985
- musculoskeletal sporotrichosis, Chang AC; Destouet JM; Murphy WA, (Radiology), 154: 848 1985
- os et articulations—pathologie regionale (bones and joints—regional pathology), vol. 12 of traite de radiodiagnostic, Trail R; Bacques O; Plainfosse M-C; Blery M; Chevrot A, Reviewed by Oestreich AE, (Radiology), 152: 240, 1984
- osteoid osteoma: excision with scintimetric guidance, O'Brien TM; Murray TE; Malone LA; Dervan P; Walsh M; McManus F; Ennis JT, (Radiology), 153: 543,
- osteoid osteoma: operative confirmation of complete removal by bone scintigraphy, Papanicolaou N, (Radiology), **154**: 821, 1985
- osteolysis in cat-scratch fever, Johnson JF; Lehman RM; Shiels WE; Blaney SM, (Radiology), **156**: 373, 1985
- osteopathien [metabolic, endocrine and toxic steopathien [metabolic, endocrine and toxic bone disease]. handbuch der medizinischen radiologie/encyclopedia of medical radiology. volume 5: part 5, Bosnjakovic-Buscher 5; Diethelm L.; Ellegast HH; Fritz H; Greinacher I; Heuck F; Mehls O; Oppermann HC; Reinhardt K; Schneider HW; Spranger J, Reviewed by Oestreich AE, (Radiology), 151: 294, 1984
- painful sickle cell crisis: bone marrow patterns observed with MR imaging, Rao VM; Fishman M; Mitchell DG; Steiner RM; Ballas SK; Axel L: Dalinka MK; Gefter WB; Kressel HY, (Radiology), 161: 211, 1986
- pinemoth caterpillar disease, Lawson JP; Liu Y-m, (Skeletal Radiol), 15: 422, 1986
- polycarpaly and other abnormalities of the wrist in chondroectodermal dysplasia: the Ellis-van Creveld syndrome, Taylor GA; Jordan CE; Dorst SK; Dorst JP, (Radiology), 151: 393, 1984
- radiographic manifestations of aluminuminduced bone disease, Sebes JI; Pinstein ML; Massie JD; et al, (AJR), 142: 424, 1984
- radiological assessment of aluminium-related bone disease, Garrett P; McWade M; O'Callaghan J, (Clin Radiol), 37: 63, 1986
- role of arthrography in the management of dysplasia epiphysealis hemimelica, Ho AMW; Blane CE; Kling TF Jr, (Skeletal Radiol), 15: 224, 1986
- transarticular extension of chondrosarcoma, Pinstein ML; Sebes JI; Scott RL, (AJR), 142: 779, 1984

premature closure of the frontozygomatic suture: unusual frontoorbital dysplasia mimicking unilateral coronal synostosis, Currarino G, (AJNR), 6: 643, 1985 scapuloiliac dysostosis, Blane CE; Holt JF; Vine AK, (Radiology), 154: 562, 1985

spondylo-megaepiphyseal-metaphyseal dysplasia: new bone dysplasia resembling cleidocranial dysplasia, Silverman FN, Reiley MA, (Radiology), **156**: 365, 1985

Bones, dysplasia

acquired bone dysplasia secondary to catheter-related complications in the neonate, Seibert JJ; McCarthy RE; Alexander JE; et al, (Pediatr Radiol), 16: 43, 1986

#### Bones, echinococcosis

hydatid disease of bone, Rong SH; Nie ZQ, (Radiology), 157: 566, 1985

(Nationally), 107: 306, 1985 hydatid disease of the bone, radiologic features from a review of 30 cases, contribution of echotomography in 3 cases, Froment JC, Belkaid D; Abda F; et al, (Radiology), 155: 548, 1985

## Bones, effects of drugs on

bone changes from prostaglandin therapy, Poznanski AK; Fernbach SK; Barry TE, (Radiology), **157**: 853, 1985

osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation, Schulz EE; Engstrom H; Sauser DD; Baylink DJ, (Radiology), 159: 457, 1986

osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation, Bohrer SP, (Radiology), **161**: 277, 1986

osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation: reply, Schulz EE, (Radiology), **161**: 277, 1986

#### Bones, effects of irradiation on

osteoradionecrosis of the maxilla and skull base, Komisar A; Silver C; Kalnicki S, (Radiology), **157**: 857, 1985

provoked repetitive healing of mature bone tissue following irradiation: quantitative investigation, Jacobsson M; Kalebo P; Albrektsson T; et al, (Acta Radiol [Oncol]), 25: 57, 1986

#### Bones, epiphyses

acute epiphyseal osteomyelitis in children, Rosenbaum DM; Blumhagen JD, (Radiology), **156**: 89, 1985

(Radiology), 150-07-75: distal femoral epiphysis: normal standards for thickness and application to bone dysplasias, Schlesinger AE; Poznanski AK; Pudlowski RM; Millar EA, (Radiology), 159:

eosinophilic granuloma of bone in the growing epiphysis, Leeson MC; Smith A; Carter JR; et al, (Radiology), 157: 570, 1985

primary subacute epiphyseal osteomyelitis: report of three cases, Andrew TA; Porter K, (Radiology), 157: 570, 1985

role of arthrography in the management of dysplasia epiphysealis hemimelica, Ho AMW; Blane CE; Kling TF Jr, (Skeletal Radiol), 15: 224, 1986

slipped capital femoral epiphysis, Schoenecker PL, (Radiology), **157**: 567, 1985

### Bones, fibroma

desmoplastic fibroma of bone, Gebhardt MC; Campbell CJ; Schiller AL; et al, (Radiology), 157: 566, 1985

elastofibroma: chest wall pseudotumor, Berthoty DP; Shulman HS; Miller HAB, (Radiology), 160: 341, 1986

# Bones, fibrous dysplasia

case report 240: fibrodysplasia ossificans progressiva (FOP): radiological and gross pathological abnormalities in a macerated cadaver, Resnick D, (Radiology), 153: 563, 1984

computed tomography of craniofacial fibrous dysplasia, Mendelsohn DB; Hertzanu Y; Cohen M; et al, (JCAT), 8: 1062, 1984

fibrocartilaginous dysplasia of bone, Drolshagen LF; Reynolds WA; Marcus NW, (Radiology), **156**: **32**, 1985

fibrodysplasia ossificans progressiva: CT appearance, Reinig JW; Hill SC; Fang M; Marini J; Zasloff MA, (Radiology), **159**: 153,

fibrous dysplasia of the temporal bone update with case reports, Nager GT; Holliday MJ, (Radiology), **157**: 856, 1985

hip dysplasia associated with Charcot-Marie Tooth disease in the older child and adolescent, Kumar SJ; Marks HG; Bowen JR; et al, (Radiology), 158: 575, 1986

pediatric case of the day, Day DL; Allan BT, (AJR), 144: 1296, 1985

scintigraphic manifestation of fibrous dysplasia, Machida K; Makita K; Nishikawa J; et al, (Clin Nucl Med), 11: 426,

Technetium-99m MDP demonstration of heterotopic ossification in fibrodysplasia ossificans progressiva, Fang MA; Reinig JW; Hill SC; et al, (Clin Nucl Med), 11: 8, 1986

#### Bones, fractures

# See Fractures

## Bones, grafts

coralline hydroxyapatite bone graft substitutes: preliminary report of radiographic evaluation, Sartoris DJ; Gershuni DH; Akeson WH; Holmes RE; Resnick D, (Radiology), 159: 133, 1986

extrusion of bone graft after lumbar fusion: CT appearance, Coughlan JD, (JCAT), 10: 399, 1986

fate of fat transplants in operations for partial closure of the growth plate: clinical examples and an experimental study, Langenskiold A; Videman T; Nevalainen T, (Radiology), 160: 858, 1986

giant cell tumor of bone: radiographic changes following local excision and allograft replacement, Kattapuram SV; Phillips WC; Mankin HJ, (Radiology), 161: 493, 1986

# Bones, growth and development

annotations: how to make the most of bone ages, Buckler JMH, (Radiology), **152**: 852, 1984

assessment of bone age: comparison of the Greulich and Pyle, and the Tanner and Whitehouse methods, Milner GR; Levick RK; Kay R, (Clin Radiol), 37: 119, 1986

bone reinforcement lines in chronic adult osteopenia: hypothesis, Kursunoglu S; Pate D; Resnick D; Haghighi P; Tyson R; Pitt M, (Radiology), **158**: 409, 1986

carpal boss: overview of radiographic evaluation, Conway WF; Destouet JM; Gilula LA; Bellinghausen HW; Weeks PM, (Radiology), 156: 29, 1985

dense bone—too much bone: radiological considerations and differential diagnosis. parts I and II, Jacobson HG, (Radiology), 157: 564, 1985

femoral neck growth deformity following the irritable hip syndrome, Wolinski AP; McCall IW; Evans G; et al, (Radiology), 155:

growth arrest recovery lines in hypoparathyroidism, Rosen RA; Deshmukh SM, (Radiology), **155**: 61, 1985

growth slowdown and arrest lines, Ogden JA, (Radiology), 155: 278, 1985

osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation, Schulz EE: Engstrom H; Sauser DD; Baylink DJ, (Radiology), **159**: 457, 1986

osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation, Bohrer SP, (Radiology), **161**: 277, 1986

osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation: reply, Schulz EE, (Radiology), 161: 277, 1986

prediction of adult height from height and bone age in childhood, Tanner JM; Landt KW; Cameron N; et al, (Radiology), 152: 853, 1984

radiology and postnatal skeletal development. XIII. C1-C2 interrelationships, Ogden JA; Murphy MJ; Southwick WO; et al, (Skeletal Radiol), 15: 433, 1986

radiology of postnatal skeletal development: X. patella and tibial tuberosity, Ogden JA, (Radiology), **154**: 558, 1985

radiology of postnatal skeletal development: XI the first cervical vertebra, Ogden JA, (Radiology), **154**: 854, 1985

skeletal lesions following meningococcemia and disseminated intravascular coagulation. a recognizable skeletal dystrophy, Robinow M; Johnson GF; Nanagas MT; et al, (Radiology), **151**: 264, 1984

spondylo-megaepiphyseal-metaphyseal dysplasia: new bone dysplasia resembling cleidocranial dysplasia, Silverman FN; Reiley MA, (Radiology), **156**: 365, 1985

stylohyoid ligament in Hurler syndrome and related conditions: comparison with normal children, Oestreich AE, (Radiology), 154: 665, 1985

#### Bones, hypertrophy

hypertrophic osteoarthropathy in a young child with congenital cyanotic heart disease, Katariya S; Prasad PJ; Marwaha RK; et al, (Br I Radiol), 59: 75, 1986

x-ray diagnosis of macrodystrophia lipomatosa, Moran V; Butler F; Colville J, (Radiology), **154**: 555, 1985

#### Bones, infarction

osteomyelitis and infarction in sickle cell hemoglobinopathies: differentiation by combined technetium and gallium scintigraphy, Amundsen TR; Siegel MJ; Siegel BA, (Radiology), 153: 807, 1984

painful sickle cell crisis: bone marrow patterns observed with MR imaging, Rao VM; Fishman M; Mitchell DG; Steiner RM; Ballas SK; Axel L; Dalinka MK; Gefter WB; Kressel HY, (Radiology), 161: 211, 1986

# Bones, infection

abnormal bone and gallium scans in a case of multifocal systemic sporotrichosis, Anees A; Ali A; Fordham EW, (Clin Nucl Med), 11: 663, 1986

acute epiphyseal osteomyelitis in children, Rosenbaum DM; Blumhagen JD, (Radiology), **156**: 89, 1985

acute osteomyelitis in children: combined Tc-99m and Ga-67 imaging, Lewin JS; Rosenfield NS: Hofter PB: Downing D, (Radiology), **158**: 795, 1986

can the three-phase bone scan differentiate osteomyelitis from metabolic or metastatic bone disease?, Shafer RB; Edeburn GF, (Radiology), **154**: 862, 1985

chronic multifocal symmetrical osteomyelitis. report of two cases in Bedouin infants, Meller Y; Yagupsky P; Elitsur Y; et al, (Radiology), **154**: 276, 1985

chronic osteomyelitis: bone and gallium scan patterns associated with active disease, Tumeh SS; Aliabadi P; Weissman BN; McNeil BJ, (Radiology), 158: 685, 1986

chronic osteomyelitis examined by CT, Wing VW; Jeffrey RB Jr; Federle MP; Helms CA; Trafton P, (Radiology), **154**: 171,

chronic osteomyelitis: monitoring by <sup>99m</sup>Tc phosphate and <sup>67</sup>Ga citrate imaging, Alazraki N; Fierer J; Resnick D, (AJR), **145**:

chronic recurrent multifocal osteomyelitis, Cyrlak D; Pais MJ, (Skeletal Radiol), **15**: 32, 1986

chronic recurrent multifocal osteomyelitis (case report), Wiener MD; Newbold RG; Merten DF, (AJR), 147: 87, 1986

cold osteomyelitis: radionuclide bone scan findings, Barron BJ; Dhekne RD, (Radiology), **155**: 277, 1985

CT appearance of nidus in osteoid osteoma versus sequestration in osteomyelitis, Mahboubi S, (JCAT), 10: 457, 1986

CT of osteomyelitis of the spine, Golimbu C; Firooznia H; Rafii M, (AJR), 142: 159, 1984

epidural abscess and vertebral osteomyelitis following serial lumbar punctures, Bergman I; Wald ER; Meyer JD; et al, (Radiology), **152**: 254, 1984

evaluation of complicating osteomyelitis with Tc-99m MDP, In-111 granulocytes, and Ga-67 citrate, Schuwecker DS; Park H-M; Mock BH; et al. (Radiology), 155: 863, 1985

evaluation of postoperative osteomyelitis of the sternum using tomography and computerized tomography, Rosenthal DI; Johnson RD; Oot RF, (Radiology), 153: 562, 1984

fine needle diagnosis in lumbar osteomyelitis, Joshi KB; Brinker RA, (Radiology), **153**: 562, 1984

foci of chronic circumscribed osteomyelitis (Brodie's abscess) that traverse the epiphyseal plate, Bogoch E; Thompson G; Salter RB, (Radiology), **153**: 567, 1984

gallium-67 scanning in the diagnosis of postoperative sternal osteomyelitis, Salit IE; Detsky AS; Simor AE; et al, (Radiology), 153: 283, 1984

giant cell tumor of bone: radiographic changes following local excision and allograft replacement, Kattapuram SV; Phillips WC; Mankin HJ, (Radiology), 161: 493, 1986

- hematogenous osteomyelitis with fat-fluid level shown by CT, Rafii M; Firooznia H; Golimbu C; McCauley DI, (Radiology), 153:
- hematogenous osteomyelitis with fat-fluid level shown by CT, Rafii M; Firooznia H; Golimbu C; McCauley DI, (Radiology), 153:
- hematogenous pelvic osteomyelitis in children. clinical correlates of newer methods, Farley T; Conway J; Shulman ST, (Radiology), **158**: 575, 1986
- iatrogenic exostosis in a patient treated for osteomyelitis, Van Winkle GN; Mazur JM, (Radiology), 152: 555, 1984
- In-111 labeled leukocytes: review of problems in image interpretation, McAfee JG; Samin A, (Radiology), 155: 221, 1985
- indium-111 chloride imaging in chronic osteomyelitis, Sayle BA; Fawcett HD; Wilkey DJ; et al, (Radiology), **159**: 824, 1986
- infantile cortical hyperostosis with osteomyelitis of the humerus, Blasier RB; Aronson DD, (Radiology), **157**: 570, 1985
- infection in diabetic osteoarthropathy: use of indium-labeled leukovytes for diagnosis, Maurer AH; Millmond SH; Knight LC; Mesgarzadeh M; Siegel JA; Shuman CR; Adler LP; Greene GS; Malmud LS, (Radiology), 161: 221, 1986
- magnetic resonance imaging of musculoskeletal infections, Modic MT; Pflanze W; Feiglin DHI; et al, (Radiol Clin North Am), 24: 247, 1986
- "missing" femoral condyle: unusual sequela to neonatal osteomyelitis and septic arthritis, Singson RD; Berdon WE; Feldman F; Denton JR; Abramson S; Baker DH, (Radiology), 161: 359, 1986
- neonatal osteomyelitis examined by bone scintigraphy, Bressler EL; Conway JJ; Weiss SC, (Radiology), **152**: 685, 1984
- osteolysis in cat-scratch fever, Johnson JF; Lehman RM; Shiels WE; Blaney SM, (Radiology), **156**: 373, 1985
- osteomyelitis and infarction in sickle cell hemoglobinopathies: differentiation by combined technetium and gallium scintigraphy, Amundsen TR; Siegel MJ; Siegel BA, (Radiology), 153: 807, 1984
- osteomyelitis and septic arthritis of the hand following human bites, Resnick D: Pineda C); Weisman MH; et al, (Radiology), 159: 572, 1986
- osteomyelitis in children: detection by magnetic resonance, Fletcher BD; Scoles PV; Nelson AD, (Radiology), **150**: 57, 1984
- osteomyelitis in children: detection by magnetic resonance, Bloem HL; Falke THM; Doornbos J, (Radiology), **153**: 263, 1984
- osteomyelitis in children: detection by magnetic resonance: reply, Fletcher BD; Nelson AD; Scoles PV, (Radiology), 153: 263,
- osteomyelitis of the ischiopubic synchondrosis, Jarvis J; McIntyre W; Udjus K; et al, (Radiology), **157**: 570, 1985
- parietal osteomyelitis and epidural abscess: delayed complication of fetal monitoring, Listinsky JL; Wood BP; Ekholm DE, (Pediatr Radiol), 16: 150, 1986
- periostitis and osteomyelitis in chronic drug addicts, Taylor CR; Lawson JP, (Skeletal Radiol), 15: 209, 1986
- primary subacute epiphyseal osteomyelitis: report of three cases, Andrew TA; Porter K, (Radiology), **157**: 570, 1985
- ring sequestrum: radiographic characteristics of skeletal fixation pin-tract osteomyelitis, Nguyen VD; London J; Cone RO III, (Radiology), 158: 129, 1986
- scintigraphic findings in chronic actinomycosis osteomyelitis and associated soft tissue infection, Grund FM; Ewing SL; Shafer RB, (Clin Nucl Med), 11: 23, 1986
- subacute and chronic bone infections ibacute and chronic bone infections: diagnosis using In-111, Ga-67 and Tc-99m MDP bone scintigraphy, and radiography, Al-Sheikh W, Sfakianakis GN; Mnaymneh W; Hourani M; Heal A; Duncan RC: Burnett A; Ashkar FS; Serafini AN, (Radiology), 155: 501, 1985
- systemic sporotrichosis with osteomyelitis, Kumar R; van der Smissen E; Jorizzo J, (Radiology), 153: 561, 1984

- ultrasonic confirmation of a thigh abscess, Beckman CRB; Thomason JL; Sampson MB; et al, (Radiology), **156**: 569, 1985
- unusual presentation of acute osteomyelitis in black children, Drummond-Webb JJ; Freedman A; Schnaid E, (Radiology), 151: 264, 1984
- vertebral osteomyelitis: assessment using MR, Modic MT; Feiglin DH; Piraino DW; Boumphrey F; Weinstein MA; Duchesneau PM; Rehm S, (Radiology), 157: 157, 1985

#### Bones, injuries

- case report 378, Schultz E; Greenspan A, (Skeletal Radiol), 15: 405, 1986 common oversights in the evaluation of the patient with multiple injuries, Rogers LF, (Radiology), 154: 849, 1985
- cost-appropriateness of whole body vs limited bone imaging for suspected focal sports injuries, Nagle CE, (Clin Nucl Med), 11: 469,
- importance of soft-tissue evaluation in hand and wrist trauma: statistical evaluation, Curtis DJ; Downey EF Jr; Brower AC; et al, (AJR), 142: 781, 1984
- magnetic resonance imaging of musculoskeletal trauma, Ehman RL; Berquist TH, (Radiol Clin North Am), 24:
- post-traumatic osteolysis of the pubic bone simulating a malignant lesion, Hall FM; Goldberg RP; Kasdon EJ; et al, (Radiology), 152: 842, 1984
- radiographic appearances following surgical correction of the partially fused epiphyseal plate, Alford BA; Oshman DG; Sussman MD, (Skeletal Radiol), 15: 146, 1986
- radiology of skeletal trauma. volumes 1 and 2, Rogers LF, Reviewed by Sundaram M, (Radiology), 151: 466, 1984

#### Bones, measurement

- applications of pattern profile analysis to malformations of the head and face, Garn SM; Smith BH; LaVelle M, (Radiology), 150: 683, 1984
- bone mass measured by photonabsorptiometry and radiogrammetry in Wistar rats: age and sex variations, Mbuyi-Muamba JM; Dequeker J, (Invest Radiol), 21: 336, 1986
- can a calcaneal morphologic index determine the degree of osteoporosis?, Cockshott WP; Occleshaw CJ; Webber C; et al, (Radiology), 154: 849, 1985
- carpal ligamentous disruptions and negative ulnar variance, Voorhees DR; Daffner RH;
- Nunley JA; et al. (Radiology), 157: 851, 1985 CT scanograms for measuring leg length discrepancy, Helms CA; McCarthy S, (Radiology), 151: 802, 1984
- degree of vertebral wedging of the dorso-lumbar spine, Lauidsen KN; de Carvalho A; Andersen AH, (Radiology), **154**: 555, 1985
- Affuerseit Aff, (Kadisongy), 1974. distal femoral epiphysis: normal standards for thickness and application to bone dysplasias, Schlesinger AE; Poznanski AK; Pudlowski RM; Millar EA, (Radiology), 159:
- calcar width as epidemiological methods for measuring bone mass in the femoral neck. Cooper C; Barker DJP; Hall AJ, (Clin Radiol), 37: 123, 1986
- is soft tissue radiology useful in acromegaly?, Paisey R; Jeans WD; Hartog M, (Radiology), 154: 850, 1985
- radiographic method for measurement of leg length inequality, Friberg O; Koivisto E; Wegelius C, (Radiology), 157: 851, 1985 trabecular bone mineral density measurement
- in vivo: use of the ratio of coherent to Compton-scattered photons in the calcaneus, Shukla SS; Leichter I; Karellas A; Craven JD; Greenfield MA, (Radiology), 158: 695, 1986

#### Bones, metaphyses

- metaphyseal cortical irregularities in children: a new prospective on a multi-focal growth variant, Keats TE; Joyce JM, (Radiology), 154: 854, 1985
- metaphyseal lesion in abused infants: radiologic-histopathologic study, Kleinman PK, Marks SC; Blackbourne B, (AJR), 146: 895, 1986

# Bones, mineralization

bone mass measured by photonabsorptiometry and radiogrammetry in Wistar rats: age and sex variations, Mbuyi-Muamba JM; Dequeker J, (Invest Radiol), 21: 336, 1986

- bone mineral changes in primary hyperparathyroidism, Richardson ML; Pozzi-Mucelli RS; Kanter AS; et al, (Skeletal Radiol), 15: 85, 1986
- bone mineral content in early-postmenopausal and postmenopausal osteoporotic women: comparison of measurement methods, Reinbold W-D; Genant HK; Reiser UJ; Harris ST; Ettinger B, (Radiology), 160: 469,
- bone mineral measurement with a continuous roentgen ray spectrum and a germanium detector, Jonson R.; Roos B. Hansson T, (Acta Radiol [Diagn]), 27: 105, 1986
- evaluation of the Singh index and femoral calcar width as epidemiological methods for measuring bone mass in the femoral neck, Cooper C; Barker DJP; Hall AJ. (Clin Radiol), Cooper C; Ba 37: 123, 1986
- focal hematopoietic hyperplasia of the rib-form of pseudotumor, Edelstein G; Kyriakos M, (Radiology), **154**: 557, 1985
- fracture prevalence and bone mineral mass in osteoporosis measured with computed tomography and dual energy photon absorptiometry, Raymakers JA; Hoekstra O; van Putten J; et al., (Skeletal Radiol), 15: 191,
- observer variation in the detection of osteopenia, Epstein DM; Dalinka MK; Kaplan FS; et al, (Skeletal Radiol), 15: 347, 1986
- osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation, Schulz EE; Engstrom H; Sauser DD; Baylink DJ, (Radiology), **159**: 457, 1986
- osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation, Bohrer SP, (Radiology), **161**: 277, 1986
- osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation: reply, Schulz EE, (Radiology), 161: 277, 1986
- precision of dual photon absorptiometry measurements, LeBlanc AD; Evans HJ; Marsh C; et al, (J Nucl Med), 27: 1362, 1986
- quantitative determination of anticonvulsant-induced bone demineralization by an improved x-ray densitometry technique, Wolschendorf K; Vanselow K; Moller WD; et al, (Radiology), **152**: 258, 1984
- radiologic methods to evaluate bone mineral content. Health and Public Policy Committee, American College of Physicians, (Radiology), (Radiology), 153: 563, 1984
- trabecular bone density in the proximal femur: quantitative CT assessment, work in progress, Sartoris DJ; Andre M; Resnik CS; Resnick D, (Radiology), **160**: 707, 1986
- trabecular mineral content of the spine in women with hip fracture: CT measurement, Firooznia H; Rafii M; Golimbu C; Schwartz MS; Ort P, (Radiology), 159: 737,

- aneurysmal bone cysts: MR imaging at 1.5 T, Beltran J; Simon DC; Levy M; Herman LJ; Weis LD; Mueller CF, (Radiology), **158**: 689,
- artifacts, normal variants, and imaging pitfalls of musculoskeletal magnetic resonance imaging, Richardson ML; Helms CA, (Radiol Clin North Am), 24: 145, 1986
- evaluation of musculoskeletal disease with magnetic resonance imaging, Scott JA; Rosenthal DI; Brady TJ, (Radiol Clin North Am), **22**: 917, 1984
- extremity bone tumors: evaluation by P-31 MR spectroscopy, Nidecker AC; Muller S; Aue WP; Seelig J; Fridrich R; Remagen W; Hartweg H; Benz UF, (Radiology), 157: 167, 1985
- Gaucher disease: assessment with MR imaging, Lanir A; Hadar H; Cohen I; Tal Y; Benmair J; Schreiber R; Clouse ME, (Radiology), 161: 239, 1986
- magnetic resonance imaging of bone marrow disease in children, Cohen MD; Klatte EC; Baehner R; Smith JA; Martin-Simmerman P; Carr BE; Provisor AJ; Weetman RM; Coates T; Siddiqui AR; Weisman SJ; Berkow R; McKenna S; McGuire WA, (Radiology), 151: 715, 1984
- magnetic resonance imaging of lesions of synovial origin, Sundaram M; McGuire MH; Fletcher J; et al, (Skeletal Radiol), 15: 110,

- magnetic resonance imaging of musculoskeletal infections, Modic MT; Pflanze W; Feiglin DHI; et al, (Radiol Clin North Am), 24: 247, 1986
- magnetic resonance imaging of musculoskeletal trauma, Ehman RL; Berquist TH, (Radiol Clin North Am), 24: 291, 1986
- magnetic resonance imaging of osteonecrosis, Gillespy T III; Genant HK; Helms CA, (Radiol Clin North Am), 24: 193, 1986
- magnetic resonance imaging of the extremities, Rosenthal DI; Scott JA; Brady TJ, (Cardiovasc Intervent Radiol), 8: 377, 1986
- magnetic resonance imaging of the normal and ischemic femoral head, Totty WG; Murphy WA; Ganz WI; et al., (AJR), 143: 1273, 1984
- magnetic resonance spectroscopy of the musculoskeletal system, Burt CT; Koutcher J; Roberts JT; et al, (Radiol Clin North Am), 24: 321, 1986
- MRI in stress fracture, Stafford SA; Rosenthal DI; Gebhardt MC; et al, (AJR), 147: 553, 1986
- nuclear magnetic resonance proton imaging of bone pathology, Atlan H; Sigal R; Hadar H; et al, (J Nucl Med), **27**: 207, 1986
- optimizing pulse sequences for magnetic resonance imaging of the musculoskeletal system, Richardson ML, (Radiol Clin North Am), 24: 137, 1986
- osteomyelitis in children: detection by magnetic resonance, Fletcher BD; Scoles PV; Nelson AD, (Radiology), **150**: 57, 1984
- osteopetrosis: MR characteristics at 1.5 T, Rao VM; Dalinka MK; Mitchell DG; Spritzer CE; Kaplan F; August CS; Axel L; Kressel HY, (Radiology), 161: 217, 1986
- painful sickle cell crisis: bone marrow pattern. observed with MR imaging, Rao VM; Fishman M; Mitchell DG; Steiner RM; Ballas SK; Axel L; Dalinka MK; Gefter WB; Kressel HY, (Radiology), **161**: 211, 1986
- wrist: preliminary report on high-resolution MR imaging, Koenig H; Lucas D; Meissner R, (Radiology), **160**: 463, 1986

#### Bones, necrosis

- bone erosion in synovial chondromatosis, Norman A; Steiner GC, (Radiology), **161**: 749, 1986
- case report 361, Milgram JW; Jasty M, (Skeletal Radiol), 15: 258, 1986
- idiopathic osteonecrosis of the first metatarsal sesamoid, Ogata K; Sugioka Y; Urano Y; et al, (Skeletal Radiol), 15: 141, 1986
- incidence and management of osteoradionecrosis of the jaws following head and neck radiotherapy, Coffin F, (Radiology), **152**: 566, 1984
- magnetic resonance imaging of osteonecrosis, Gillespy T III; Genant HK; Helms CA, (Radiol Clin North Am), 24: 193, 1986
- osteoradionecrosis of the maxilla and skull base, Komisar A; Silver C; Kalnicki S, (Radiology), **157**: 857, 1985
- pancreatic acinar cell carcinoma with subcutaneous and intraosseous fat necrosis, Radin DR; Colletti PM; Forrester DM; Tang WW, (Radiology), 158: 67, 1986
- widespread osteonecrosis of the foot in systemic lupus erythematosus: radiographic and gross pathologic correlation, Resnick D; Pineda C; Trudell D, (Radiology), 157: 568, 1985

# Bones, osteochondrodysplasias

- antenatal diagnosis of frontal cephalocele in a fetus with atelosteogenesis, Chervenak FA; Isaacson G; Rosenberg JC; et al, (J Ultrasound Med), 5: 111, 1986
- bilateral glenoid dysplasia: report of 8 cases, Kozlowski K; Colavita N; Morris L; et al, (Radiology), **158**: 859, 1986
- bone scan appearance of osteogenesis imperfecta in an adult, Kramer EL; Rafii M; Fazzini E; et al, (Clin Nucl Med), 11: 331, 1986
- boomerang dysplasia, Kozlowski K; Sillence D; Cortis-Jones R; et al, (Radiology), **157**: 571, 1985
- cardiovascular abnormalities in osteogenesis imperfecta, White NJ; Winearls CG; Smith R, (Radiology), **152**: 862, 1984

- case report 386, Cremin BJ; Ross JL, (Skeletal Radiol), 15: 495, 1986
- Coffin-Siris syndrome in two siblings, Franceschini P; Silengo MC; Bianco R; et al, (Pediatr Radiol), 16: 330, 1986
- distal femoral epiphysis: normal standards for thickness and application to bone dysplasias, Schlesinger AE; Poznanski AK; Pudlowski RM; Millar EA, (Radiology), 159: 515, 1986
- distinctive skeletal dysplasia in Cockayne syndrome, Silengo MC; Franceschini P; Bianco R; et al, (Pediatr Radiol), **16**: 264, 1986
- histopathology of the temporal bone in osteogenesis imperfecta congenita: report of 5 cases, Berger G; Hawke M; Johnson A; et al, (Radiology), 157: 857, 1985
- hyperimmunoglobulinemia E syndrome: association with osteoporosis and recurrent fractures, Kirchner SG; Sivit CJ; Wright PF, (Radiology), 156: 362, 1985
- (Radiology), 196: 302, 1965 in utero analysis of heterozygous achondroplasia: variable time of onset as detected by femur length measurements, Kurtz AB, Filly RA; Wapner RJ; et al, (J Ultrasound Med), 5: 137, 1986
- laryngotracheal stenosis in spondyloepiphyseal dysplasia, Myer CM III; Cotton RT, (Radiology), **157**: 858, 1985
- long-term neurological sequelae in achondroplasia, Hecht JT; Butler IJ; Scott CI Jr, (Radiology), **156**: 858, 1985
- multisynostotic osteodysgenesis, Herva R; Seppanen U, (Radiology), **156**: 276, 1985
- nature of the mandibular lesion in Melnick-Needles syndrome, Leonard MS; Gorlin RJ, (Radiology), 150: 844, 1984
- new type of achondrogenesis, Kozlowski K; Tsuruta T; Taki N; et al, (Pediatr Radiol), **16**: 430, 1986
- osteopetrosis: MR characteristics at 1.5 T, Rao VM; Dalinka MK; Mitchell DG; Spritzer CE; Kaplan F; August CS; Axel L; Kressel HY, (Radiology), **161**: 217, 1986
- pituitary and ovarian abnormalities demonstrated by CT and ultrasound in children with features of the McCune-Albright syndrome, Rieth KG; Comite F; Shawker TH; Cutler GB Jr, (Radiology), 153: 389, 1984
- prenatal diagnosis of dwarfism by ultrasound screening, Weldner B-M; Persson P-H; Ivarsson SA, (Radiology), **160**: 288, 1986
- prenatal ultrasonographic diagnosis of osteogenesis imperfecta lethalis, Brown BSJ, (Radiology), **153**: 860, 1984
- respiratory complications of achondroplasia, Stokes DC; Phillips JA; Leonard CO; et al, (Radiology), **150**: 289, 1984
- skeletal complications in osteogenesis imperfecta. a review of 153 South African patients, Beighton P; Spranger J; Versveld G, (Radiology), 151: 820, 1984
- sonographic diagnosis of lethal osteogenesis imperfecta in the second trimester: case report and review, Merz E; Goldhofer W, (JCU), 14: 380, 1986
- specific skeletal dysplasias in utero: sonographic diagnosis, Pretorius DH; Rumack CM; Manco-Johnson ML; Manchester D; Meier P; Bramble J; Clewell W, (Radiology), 159: 237, 1986
- thanatophoric dwarfism with the cloverleaf skull: specific antenatal sonographic diagnosis, Mahony BS; Filly RA; Callen PW; et al. (J Ultrasound Med), 4: 151, 1985
- unusual bone dysplasia featuring severe platyspondyly and vertebral "coronal cleft" in infancy, and changes of metaphyseal chondrodysplasia in childhood, Currarino G, (Pediatr Radiol), 16: 433, 1986
- use of CT in the evaluation of cochlear otosclerosis, Mafee MF; Valvassori GE; Deitch RL; Norouzi P; Henrikson GC; Capek V; Applebaum EL, (Radiology), **156**: 703, 1985

# Bones, osteoporosis

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## Bones, primary disturbances of growth

specific skeletal dysplasias in utero: sonographic diagnosis, Pretorius DH; Rumack CM; Manco-Johnson ML; Manchester D; Meier P; Bramble J; Clewell W, (Radiology), 159: 237, 1986

#### Bones, primary metabolic abnormalities

- case report 356, Goldman AB; Abrahams TG, (Skeletal Radiol), 15: 308, 1986
- Gaucher disease: assessment with MR imaging, Lanir A; Hadar H; Cohen I; Tal Y; Benmair J; Schreiber R; Clouse ME, (Radiology), 161: 239, 1986
- growth retardation and renal osteodystrophy in children with chronic renal failure, Hodson EM; Shaw PF; Evans RA; et al, (Radiology), **152**: 555, 1984
- macroepiphyseal dysplasia with symptomatic osteoporosis, wrinkled skin, and aged appearance: presumed autosomal recessive condition, McAlister WH; Coe [D; Whyte MP, (Skeletal Radiol), 15: 47, 1986
- metabolic bone disease in preterm infants, Brooke OG; Lucas A, (Radiology), 160: 288, 1986
- narrow trachea in mucopolysaccharidoses, Peters ME, Arya S; Langer LO; et al, (Radiology), **157**: 569, 1985
- recognition of renal osteodystrophy on bone imaging, Eggleston DE; Bartold K; Abghari R, (Clin Nucl Med), 11: 543, 1986
- renal osteodystrophy in children undergoing continuous ambulatory peritoneal dialysis, Hewitt IK; Stefanidis C; Reilly BJ; et al, (Radiology), 152: 555, 1984
- renal ultrasound in metabolic bone disease, Jequier S; Cramer B; Goodyer P; et al, (Pediatr Radiol), 16: 135, 1986
- tendon disease and adjacent bone erosion in dialysis patients, Meneghello A; Bertoli M, (Radiology), **152**: 842, 1984
- vascular anomalies in association with osteodystrophies—a spectrum, Kessler HB; Recht MP; Dalinka MK, (Radiology), 153: 270, 1984

#### Bones, radiography

- aluminum bone disease in children: radiographic features from diagnosis to resolution, Andreoli SP; Smith JA; Bergstein JM, (Radiology), 156: 663, 1985
- aluminum bone disease in children: radiographic features from diagnosis to resolution, Daves ML, (Radiology), **159**: 283, 1986
- aluminum bone disease in children: radiographic features from diagnosis to resolution: reply, Andreoli 5P; Smith JA; Bergstein JM, (Radiology), 159: 284, 1986
- aneurysmal bone cysts: MR imaging at 1.5 T, Beltran J; Simon DC; Levy M; Herman LJ; Weis LD; Mueller CF, (Radiology), **158**: 689, 1986
- bone metastases in pheochromocytoma: comparative studies of efficacy of imaging, Lynn MD; Braunstein EM; Wahl RL; Shapiro B; Gross MD; Rabbani R, (Radiology), 160: 701, 1986
- dedifferentiated chondrosarcoma: radiographic features, de Lange EE; Pope TL Jr; Fechner RE, (Radiology), **161**: 489, 1986
- giant cell tumor of bone: radiographic changes following local excision and allograft replacement, Kattapuram SV; Phillips WC; Mankin HJ, (Radiology), **161**: 493, 1986
- radiographic appearances following surgical correction of the partially fused epiphyseal plate, Alford BA; Oshman DG; Sussman MD, (Skeletal Radiol), 15: 146, 1986
- radiographic method for measurement of leg length inequality, Friberg O; Koivisto E; Wegelius C, (Radiology), **157:** 851, 1985
- sclerotic bone metastasis: radiologicpathologic correlation, Aoki J; Yamamoto I; Hino M; Shigeno C; Kitamura N; Itoh H; Torizuka K; Itoh T; Furuta M, (Radiology), 159: 127, 1986
- skeletal surveys in multiple myeloma: radiologic-clinical correlation, Sebes JI; Niell HB; Palmieri GMA; et al, (Skeletal Radiol), 15: 354, 1986

## Bones, radionuclide studies

abnormal bone and gallium scans in a case of multifocal systemic sporotrichosis, Anees A Ali A; Fordham EW, (Clin Nucl Med), 11: 663, 1986

- absorbed radiation dose from routine imaging of the skeleton in children, Gelfand MJ; Thomas SR; Kereiakes JG, (Radiology), 151: 823, 1984
- acute osteomyelitis in children: combined Tc-99m and Ga-67 imaging, Lewin JS; Rosenfield NS; Hofter PB; Downing D, (Radiology), 158: 795, 1986
- bone and liver images in medullary carcinoma of the thyroid gland: concise communication, Johnson DG; Coleman RE; McCook TA; et al, (Radiology), 154: 284, 1985
- bone healing misdiagnosed as recurrent osteoid osteoma, Merrick MV; Petrie PWR, (Radiology), 157: 851, 1985
- bone imaging appearance of Pelligrini Stieda syndrome, Mishkin J; Makler PT Jr; Velchik MG, (Clin Nucl Med), 11: 291, 1986
- bone metastases in pheochromocytoma: comparative studies of efficacy of imaging, Lynn MD; Braunstein EM; Wahl RL; Shapiro B; Gross MD; Rabbani R, (Radiology), 160: 701, 1986
- bone mineral measurement with a continuous roentgen ray spectrum and a germanium detector, Jonson R; Roos B; Hansson T, (Acta Radiol [Diagn]), 27: 105, 1986
- bone scan appearance of osteogenesis imperfecta in an adult, Kramer EL; Rafii M; Fazzini E; et al, (Clin Nucl Med), 11: 331, 1986
- bone scan appearances following biopsy of bone and bone marrow, McKillop JH; Maharai D; Boyce BF; Fogelman I, (Radiology), 153: 241, 1984
- bone scintigraphy in hypervitaminosis A, Miller JH; Hayon II, (AJR), 144: 767, 1985
- bone scintigraphy in the initial staging of patients with renal cell carcinoma: concise communication, Rosen PR; Murphy KG, (Radiology), 154: 284, 1985
- bone scintigraphy in tuberculous sacroiliitis, Salomon CG; Ali A; Fordham EW, (Clin Nucl Med), 11: 407, 1986
- bone scintigraphy in two siblings with pulmonary alveolar microlithiasis, Garty I; Gailadi N; Flatau E, (Radiology), **158**: 570, 1986
- bone scintigraphy of the calcaneus, Brown ML; Swee RG; Johnson KA, (Clin Nucl Med), 11: 530, 1986
- can the three-phase bone scan differentiate osteomyelitis from metabolic or metastatic bone disease?, Shafer RB; Edeburn GF, (Radiology), **154**: 862, 1985
- chromium 51 EDTA/technetium 99m MDP plasma ratio to measure total skeletal function, Nisbet AP; Edwards S; Lazarus CR; et al, (Radiology), 155: 863, 1985
- chronic osteomyelitis: bone and gallium scan patterns associated with active disease, Tumeh SS; Aliabadi P; Weissman BN; McNeil BJ, (Radiology), **158**: 685, 1986
- chronic osteomyelitis: monitoring by <sup>99m</sup>Tc phosphate and <sup>67</sup>Ga citrate imaging, Alazraki N; Fierer J; Resnick D, (AJR), 145: 767, 1985
- comparison between visual assessment and quantitative measurement of radioactivity on the bone scintigram in Paget's disease of bone, Vellenga CJLR; Pauwels EKJ; Bijvoet OLM, (Radiology), 156: 571, 1985
- cost-appropriateness of whole body vs limited bone imaging for suspected focal sports injuries, Nagle CE, (Clin Nucl Med), 11: 469, 1986
- diagnostic value of bone scintigraphy in patients with low back pain, Schutte HE; Park WM, (Radiology), 153: 282, 1984
- diffuse radioactivity in the thoraco-abdominal region seen in bone scintigraphy, Shih W-J; Domstad PA; DeLand FH, (Semin Nucl Med), 16: 211, 1986
- diffuse thoracoabdominal radioactivity seen in bone imaging, Shih W-J; Coupal JJ; Domstad PA; et al, (Clin Nucl Med), 11: 254, 1986
- diphosphonate intestinal activity seen on two bone images in neuroblastoma, McCarthy KE; Heyman S, (Clin Nucl Med), 11: 501, 1986
- dual-photon Gd-153 absorptiometry of bone, Wahner HW; Dunn WL; Mazess RB; Towsley M; Lindsay R; Markhard L; Dempster D, (Radiology), **156**: 203, 1985

- esthesioneuroblastoma imaged with bone scintigraphy, Acker R; Leonard JC, (Clin Nucl Med), 11: 670, 1986
- evaluation of complicating osteomyelitis with Tc-99m MDP, In-111 granulocytes, and Ga-67 citrate, Schuwecker DS; Park H-M; Mock BH; et al., (Radiology), 155: 863, 1985
- evaluation of distance-weighted SPECT reconstruction for skeletal scintigraphy, Hellman RS; Nowak D; Collier BD; Isitman A; Eisner RL, (Radiology), 159: 473, 1986
- flare phenomenon on radionuclide bone scan in metastatic prostate cancer, Pollen JJ; Witztum KF; Ashburn WL, (AJR), 142: 773, 1984
- gamma camera energy windows for Tc-99m bone scintigraphy: effect of asymmetry on contrast resolution. work in progress, Collier BD; Palmer DW; Knobel J; Isitman AT; Hellman RS; Zielonka JS, (Radiology), 151: 495, 1984
- generalized increase in uptake of gallium-67 in bone, Lentle BC; Penney H; Ensslen R, (Semin Nucl Med), 14: 143, 1984
- guided biopsies of abnormalities on nuclear bone scans: technique and indications, Little AG; DeMeester TR; Kirchner PT; et al, (Radiology), 151: 277, 1984
- "hot" patella on bone images, Lin DS, (Semin Nucl Med), 16: 218, 1986
- improved intrinsic resolution: does it make a difference? concise communication, Hoffer PB; Neumann R; Quartararo L; et al, (Radiology), 153: 861, 1984
- inability of bone and gallium imaging to differentiate acute gouty arthritis from septic arthritis, Boxen I, (Clin Nucl Med), 11: 443, 1986
- indium-111 chloride imaging in chronic osteomyelitis, Sayle BA; Fawcett HD; Wilkey DJ; et al, (Radiology), **159**: 824, 1986
- indium-111 leukocyte imaging: skeletal photopenic lesion, Brown ML; Hauser MF; Aznarez A; et al. (Clin Nucl Med), 11: 611, 1986
- infection in diabetic osteoarthropathy: use of indium-labeled leukocytes for diagnosis, Maurer AH; Millmond SH; Knight LC; Mesgarzadeh M; Siegel JA; Shuman CR; Adler LP; Greene GS; Malmud LS, (Radiology), 161: 221, 1986
- intraoperative osteoscintigraphy as an aid to bone biopsy, Renzoni SA; Convery FR; Ashburn W; et al, (Clin Nucl Med), 11: 619,
- localization of <sup>99m</sup>Tc methylene diphosphonate within synovial fluid in osteosarcoma, Sandler MS; Heyman S; Watts H, (AJR), **143**: 349, 1984
- myositis ossificans and the three-phase bone scan, Drane WE, (AJR), 142: 179, 1984
- neonatal osteomyelitis examined by bone scintigraphy, Bressler EL; Conway JJ; Weiss SC, (Radiology), **152**: 685, 1984
- occult fracture of the calcaneus—another Toddler's fracture, Starshak RJ; Simons GW; Sty JR, (Radiology), **152**: 852, 1984
- osteoid osteoma: excision with scintimetric guidance, O'Brien TM; Murray TE; Malone LA; Dervan P; Walsh M; McManus F; Ennis JT, (Radiology), 153: 543, 1984
- osteoid osteoma: localization by intraoperative magnification scintigraphy, Taylor GA; Shea N; O'Brien T; et al, (Pediatr Radiol), 16: 313, 1986
- osteoid osteoma: operative confirmation of complete removal by bone scintigraphy, Papanicolaou N, (Radiology), **154**: 821, 1985
- osteoid osteoma: radionuclide diagnosis Helms CA; Hattner RS; Vogler JB III, (Radiology), **151**: 779, 1984
- osteomyelitis and infarction in sickle cell hemoglobinopathies: differentiation by combined technetium and gallium scintigraphy, Amundsen TR; Siegel MJ; Siegel BA, (Radiology), 153: 807, 1984
- painful os styloideum: bone scintigraphy in carpe bossu disease, Apple JS; Martinez S; Nunley JA, (AJR), **142**: 181, 1984
- partial growth plate closure: apex view on bone scan, Howman-Giles R; Trochei M; Yeates K; et al, (Radiology), **156**: 859, 1985

- radiographic and scintigraphic skeletal imaging in patients with neuroblastoma: concise communication, Baker M; Siddiqui AR; Provisor A; et al, (Radiology), 152: 270, 1984
- radionuclide bone scan as an aid in localizing lesions for bone biopsy, Burkhalter JL; Patel BR; Harrison RB, (Radiology), 153: 282, 1984
- reflex sympathetic dystrophy in the hands: clinical and scintigraphic criteria, Holder LE; Mackinnon SE, (Radiology), 152: 517. 1984
- scintigraphic differentiation of bone infarction from osteomyelitis in children with sickle cell disease, Rao S; Solomon N; Miller S; et al. (Radiology), 159: 576, 1986
- scintigraphic evaluation of giant cell tumor of bone, Levine E; De Smet AA; Neff JR; et al, (AJR), 143: 343, 1984
- scintigraphic evaluation of muscle damage following extreme exercise: concise communication, Matin P; Lang G; Carretta R; et al, (Radiology), 151: 562, 1984
- scintigraphic findings of multiple osteochondromas, Shih W-J; Riley CN; Domstad PA; et al, (Clin Nucl Med), 11: 600, 1986
- scintigraphic manifestation of fibrous dysplasia, Machida K; Makita K; Nishikawa J; et al, (Clin Nucl Med), 11: 426, 1986
- scintigraphy of aneurysmal bone cysts, Hudson TM, (AJR), 142: 761, 1984
- serendipitous lymph node visualization during bone imaging, Vieras F, (Clin Nucl Med), 11: 434, 1986
- significance of the solitary lesion in pediatric bone scanning: concise communication, Brown ML, (Radiology), 150: 613, 1984
- stippled ribs: potential pitfall in bone scan interpretation, Fink-Bennett D; Johnson J, (J Nucl Med), 27: 216, 1986
- subacute and chronic bone infections: diagnosis using In-111, Ga-67 and Tc-99m MDP bone scintigraphy, and radiography, Al-Sheikh W; Sfakianakis GN; Mnaymneh W; Hourani M; Heal A; Duncan RC; Burnett A; Ashkar FS; Serafini AN, (Radiology), 155: 501, 1985
- subperiosteal hematoma: another scintigraphic "doughnut", Mandell GA; Harcke HT, (Clin Nucl Med), 11: 35, 1986
- super bone scan, Manier SM; Van Nostrand D, (Semin Nucl Med), 14: 46, 1984
- "supernormal" bone image in a case of Waldenstrom macroglobulinemia, Lubat E; Kramer EL; Sanger JJ, (Clin Nucl Med), 11: 279. 1986
- Tc-99m hydroxymethylene diphosphonate and Tc-99m methylene diphosphonate: biological and clinical comparison: concise communication, Littlefield JL; Rudd TG, (Radiology), 152: 270, 1984
- technetium-99m-labeled phosphonic acid analog of serine: bone uptake, Surh Y; Spencer RP; Spitznagle LA; et al, (J Nucl Med), 27: 847, 1986
- Technetium-99m MDP demonstration of heterotopic ossification in fibrodysplasia ossificans progressiva, Fang MA; Reinig JW; Hill SC; et al, (Clin Nucl Med), 11: 8, 1986
- three-phase radionuclide bone imaging in sports medicine, Rupani HD; Holder LE; Espinola DA; Engin SI, (Radiology), **156**: 187, 1985
- untreated Paget disease of bone studied by scintigraphy, Vellenga CJLR; Pauwels EKJ; Bijvoet OLM; Frijlink WB; Mulder JD; Hermans J. (Radiology), 153: 799, 1984
- uptake of osteotropic radionuclides in the breast, Burnett KR; Lyons KP; Brown WT, (Semin Nucl Med), 14: 48, 1984
- uterine blush in multiphase bone imaging, Mandell GA; Harcke HT; Sharkey C; et al, (J Nucl Med), 27: 51, 1986
- utility of caudal view in pelvic bone imaging, Simon J; Danet B; Esquerre JP; et al, (Clin Nucl Med), 11: 614, 1986
- value of bone scanning in neoplastic disease, McNeil BJ, (Semin Nucl Med), 14: 277, 1984
- Bones, sclerosis
  - Erdheim-Chester disease: a distinct lipoidosis or part of the spectrum of histiocytosis?, Brower AC; Worsham GF; Dudley AH, (Radiology), 151: 35, 1984

inflammatory hyperostosis and sclerosis of the clavicle, Jurik AG; Moller BN, (Skeletal Radiol), **15**: 284, 1986

mautor), 13: 284, 1986 mixed sclerosing bone dysplasia coexisting with dysplasia epiphysealis hemimelica (Trevor-Fairbank disease), Greenspan A; Steiner G; Sotelo D; et al, (Skeletal Radiol), 15: 452, 1986

plasma cell sclerosis of bone: spectrum of disease, Sartoris DJ; Pate D; Haghighi P; et al. (J Canad Assoc Radiol), 37: 25, 1986

25, 1986
roentgenographic-pathologic correlation of diffuse sclerosis in Ewing sarcoma of bone, Shirley SK; Gilula LA; Siegal GP; et al, (Radiology), 154: 849, 1985
sclerotic bone metastasis: radiologic-pathologic correlation, Aoki J; Yamamoto I; Hino M; Shigeno C; Kitamura N; Itoh H; Torizuka K; Itoh T; Furuta M, (Radiology), 159: 127, 1986

159: 127, 1986 sclerotic changes of the manubrium sterni, Jurik AG; Graudal H; de Carvalho A, (Radiology), 157: 567, 1985 sclerotic changes of the sternal end of the clavicle, Jurik AG; De Carvalho A; Graudal H, (Radiology), 156: 565, 1985

Bones, surgery

radiology, 158: 129, 1986
fones, surgery
radiographic appearances following surgical
correction of the partially fused epiphyseal
plate, Alford BA; Oshman DG; Sussman MD,
(Skeletal Radiol), 15: 146, 1986
radiologic imaging of osteosarcoma: role in
planning surgical treatment, Hudson TM;
Schiebler M; Springfield DS; et al,
(Radiology), 153: 562, 1984
ring sequestrum: radiographic characteristics
of skeletal fixation pin-tract osteomyelitis,
Nguyen VD; London J; Cone RO III,
(Radiology), 158: 129, 1986
fones, US studies

Bones, US studies

ones, US studies hydatid disease of the bone. radiologic features from a review of 30 cases. contribution of echotomography in 3 cases, Froment JC, Belkaid D; Abda F; et al, (Radiology), 155: 548, 1985

sonographic appearance of osteolysis of humeral head, Kauzlaric D, (JCU), 14: 566, 1986

**Book reviews** 

Abel MS, occult traumatic lesions of the cervical and thoraco-lumbar vertebrae, 2d ed., Reviewed by Klein RM, (Radiology), 151: 466, 1984

151: 466, 1984
Abols I; Garel L; Lallemand D, echo-anatomie normal de l'etage superieur de l'abdomen. [normal ultrasound anatomy of the upper abdomen.] Reviewed by Oestreich AE, (Radiology), 152: 538, 1984
Abrams HL, ed, coronary arteriography: a practical approach. Reviewed by Tegtmeyer CJ, (Radiology), 151: 364, 1984
Abrams HL, ed, Abrams angiography. 3d ed., Reviewed by Martin DS, (Radiology), 160: 736, 1986
Adler C-P, knochenkrankheiten: diagnostik

Adler C-P, knochenkrankheiten: diagnostik makroskopischer, histologischer und makroskopischer, histologischer und radiologischer strukturveranderungen des skeletts (bone disease: macroscopic, histologic, and radiologic diagnostic skeletal abnormalities), Reviewed by Oestreich AE, (Radiology), 152: 240, 1984 Ahlheim KH, ed, Duden: das worterbuch medizinischer fachausdrucke (the Duden theosturguidstilionwerf endfolgen

medizinischer tachausdrucke (the Duden thesaurus-dictionary of medical terminology). 4th ed., Reviewed by Oestreich AE, (Radiology), 159: 236, 1986 Aimino G, echotomographie et pathologie thoracique (ultrasound of thoracic disease), Reviewed by Oestreich AE, (Radiology), 158: 20, 1986

20, 1986
Alazraki NP, Mishkin FS, eds, fundamentals of nuclear medicine, Reviewed by DeMarino G, (Radiology), 155: 220, 1985
Allswang JM, Isenberg JJ. Weiss MH, physician's guide to computers and computing, Reviewed by O'Mara RE, (Radiology), 160: 104, 1986
Altaras J, radiologic atlas of the colon and rectum, Reviewed by O'Mster WW, (Radiology), 154: 18, 1985
American College of Radiology, acceptance testing protocols: systematic approach to evaluating radiological equipment. Reviewed by Roberts JW Jr. (Radiology), 155: 86, 1985
Arlat IP; Ingrisch H, renovaskulare

Arlart IP; Ingrisch H, renovaskulare hypertonie—radiologische diagnostik und therapie (renovascular hypertension—radiologic diagnosis and interventional treatment), Reviewed by Oestreich AE, (Radiology), 155: 332, 1985

Armstrong P, ed, critical problems in diagnostic radiology, Reviewed by VanZandt TF, (Radiology), **151**: 328, 1984

Arndt R-D; Horns JW; Gold RH, eds, clinical arthrography. 2d ed., Reviewed by Jacobs ER, (Radiology), **157**: 734, 1985

Athey PA; Hadlock FP, ultrasound in obstetrics and gynecology. 2d ed., Reviewed by Blum JE, (Radiology), 157: 508, 1985

Atkins HL, ed, pulmonary nuclear medicine: techniques in diagnosis of lung disease, Reviewed by Martin DS, (Radiology), 156: 184-185. 186, 1985

186, 1985
Bahk YW, x-ray diagnosis of the upper alimentary tract, vol. 1, x-ray diagnosis of the lower alimentary tract, vol. 2. pattern analysis of a programmed text, Reviewed by Han BK, (Radiology), 159: 318, 1986
Baker SR; Elkin M, plain film approach to abdominal calcifications, Reviewed by Curry NS, (Radiology), 152: 50, 1984

Banna M, clinical radiology of the spine and the spinal cord, Reviewed by El-Khoury GY, (Radiology), 161: 210, 1986

Bartram CI, radiology in inflammatory bowel disease, Reviewed by Skucas J, (Radiology), 153; 336, 1984

Bartrum RJ Jr; Crow HC, real-time ultrasound: a manual for physicians and technical personnel, Reviewed by Wolfman NT, (Radiology), 151: 454, 1984

Bassett LW, Gold RH, eds, mammography, thermography, and ultrasound in breast cancer detection, Reviewed by Stelling C, (Radiology), 151: 588, 1984

Bassett LW; Gold RH; Kimme-Smith C, hand-held and automated breast ultrasound, Reviewed by Irwin GAL, (Radiology), 160: 658, 1986

Beall PT; Amtey SR; Kasturi SR, eds, NMR data handbook for biomedical applications, Reviewed by Bryant RG, (Radiology), 155: 680, 1985

Belchetz PE, ed, management of pituitary disease, Reviewed by Griffiths HJ, (Radiology), 157: 328, 1985

Bellon EM, radiologic interpretation of ERCP: a clinical atlas, Reviewed by Schabel SI, (Radiology), **150**: 638, 1984

Benicio Dos Santos I, radiologia pulmonar (pulmonary radiology), Reviewed by Rodrigues P, (Radiology), 161: 684, 1986

Bennington JL, ed. dictionary & encyclopedia of laboratory medicine and technology, Reviewed by Eyler WR, (Radiology), 154: 78, 1985

Berger M, self assessment in radiology and imaging 2: gastro-intestinal radiology, Reviewed by Olmsted WW, (Radiology), 160: 388, 1986

Bergeron RT; Osborne AG; Som PM, ed, head and neck imaging, excluding the brain, Reviewed by Robinson KE, (Radiology), 154: 400 1985

Berk JE, ed, bockus gastroenterology. 7 vols, 4th ed., Reviewed by Skucas J, (Radiology), 159: 88, 1986

Berk RN; Ferrucci JT Jr; Leopold GR, radiology of the gallbladder and bile ducts: diagnosis and intervention, Reviewed by Swirsky MH, (Radiology), 151: 314, 1984

Bernardino ME, Sones PJ Jr, eds, hepatic radiography, Reviewed by Wills JS, (Radiology), **158**: 628, 1986

Bernau A; Berquist TH, orthopaedic positioning in diagnostic radiology, Reviewed by Redmond C, (Radiology), 153: 248, 1982 348, 1984

Bernstein EF, ed, noninvasive diagnostic techniques in vascular disease. 3d ed., Reviewed by Martin DS, (Radiology), **158**: 198, 1986

Berquist TH, ed, imaging of orthopedic trauma and surgery, Reviewed by Martin DS, (Radiology), **161**: 504, 1986

Berquist TH, ed, diagnostic imaging of the acutely injured patient, Reviewed by Young JWR, (Radiology), 161: 640, 1986

roung JWK, (Kadiology), 161: 640, 1986
Bessler W, rarefizierende osteopathien.
Rontgenologische strukturanalyse
(demineralizeed bone disease. Radiologic
structure analysis), Reviewed by
Oestreich AE, (Radiology), 156: 732, 1985
Beyer D; Koster R, bildgebende diagnostik
akuter intestinaler durchblutungsstorungen
(imaging diagnosis of acute intestinal
vascular occlusion). Beviewed by

vascular occlusion), Reviewed by Oestreich AE, (Radiology), 160: 394, 1986

Beyer D; Modder U, diagnostik des akuten abdomens mit bildgebenden verfahren. ein klinisch-radiologisches konzept (diagnosis of the acute abdomen with diagnostic imaging technologies. a clinico-radiologic approach), Reviewed by Kircher K, (Radiology), 161: 146, 1986

Bleehen NM, ed, tumours of the brain, Reviewed by Hindmarsh T, (Radiology), 161: 760, 1986

Bloomfield JA, introduction to organ imaging, Reviewed by Jacobs J, (Radiology), 158: 118, 1986

Bohrer SP, bone ischaemia and infarction in sickle cell disease, Reviewed by Robinson KE, (Radiology), **152**: 600, 1984

Boijsen E; Ekelund L, eds, computed tomography in orthopedic radiology, Reviewed by Lovelock JE, (Radiology), 152:

Bolondi L; Gandolfi L; Labo G, diagnostic ultrasound in gastroenterology, Reviewed by Oestreich AE, (Radiology), 155: 782, 1985

Bontrager KL: Anthony BT, textbook of radiographic positioning and related anatomy, Reviewed by Sweredoski R, (Radiology), **150**: 6, 1984

Bosma JF, anatomy of the infant head, Reviewed by Wood BP, (Radiology), 161:

Bosnjakovic-Buscher S; Diethelm L; Ellegast HH; Fritz H; Greinacher I; Heuck F; Mehls O; Oppermann HC; Reinhardt K; Schneider HW; Spranger I, osteopathien [metabolic, endocrine and toxic bone disease], handbuch der mediz radiologie/encyclopedia of medical radiology. volume 5: part 5, Reviewed by Oestreich AE, (Radiology), **151:** 294, 1984

Botsch H, galliumszintigraphie—diagnostik bei entzundlichen erkrankungen und tumoren (gallium scintigraphy in inflammatory disease and tumor diagnosis), Reviewed by Oestreich AE, (Radiology), 158:

Bottino JC; Opíell RW; Muggia FM, eds, liver cancer, Reviewed by Steinfeld AD, (Radiology), **160**: 626, 1986

Bouchard EA, radiology management: an introduction, Reviewed by Roberts JW Jr, (Radiology), **150**: 310, 1984

Bradshaw JR, brain CT: introduction, Reviewed by Jones M, (Radiology), 161: 766,

Bragg DG; Keats TE; Kieffer SA; Kirkpatrick JA Jr; Koehler R; Sorenson JA; White RI Jr, eds. 1985 year book of diagnostic radiology, Reviewed by Swirsky MH, (Radiology), **160**: 72, 1986

Bragg DG; Rubin P; Youker JE, eds, oncologic imaging, Reviewed by Hamlin DJ, (Radiology), 161: 42, 1986

Brody WR, digital radiography, Reviewed by Boxt LM, (Radiology), **153**: 624, 1984

Bruneton J-N; Matter D; Benozio M; Senecail B, echographie en pathologie tumorale de l'adulte (ultrasound of tumors in adults), Reviewed by Oestreich AE, (Radiology), 156: 242, 1985

Brunner S; Langfeldt B; Anderson PE, eds, runner 5; Langieldt 6; Anderson F.E., Cus recent results in cancer research: early detection of breast cancer, Reviewed by Stelling CB, (Radiology), 157: 210, 1985

Brunner U. ed. der oberschenkel—diagnostische und therapeutische aspeckte der arteriologie, phlebologie und lymphologie (the thigh region—diagnostic and therapeutic aspects of its arteriography, phlebography, and lymphangiography), Reviewed by Blickman JG, (Radiology), **157**: 460, 1985

Buda AJ; Delp EJ, eds, digital cardiac imaging, Reviewed by Martin DS, (Radiology), **160**: 530, 1986

Bull S, skeletal radiology, Reviewed by Redmond C, (Radiology), **160**: 452, 1986

Burrows EH; Leeds NE, neuroradiology, volumes I & II, Reviewed by Ross P, (Radiology), 151: 96, 1984

Callen PW, ultrasonography in obstetrics and gynecology, Reviewed by Kennedy J, (Radiology), **152**: 418, 1984

Castaneda-Zuniga WR, ed, transluminal angioplasty, Reviewed by Gerlock AJ Jr, (Radiology), 151: 348, 1984

- Castell DO; Wu WC; Ott DJ, eds, gastro-esophageal reflux disease: pathogenesis, diagnosis, therapy, Reviewed by Olmsted WW, (Radiology), 157: 588, 1985
- Chandra R, introductory physics of nuclear medicine, Reviewed by Weber DA, (Radiology), **152**: 794, 1984
- (Kadiology), 152: 794, 1564 Chapman AH; Robinson PJ, MCQ's in radiology, Reviewed by Listinsky J, (Radiology), 158: 558, 1986
- (Natiology), 136: 336; 136; 136 Chapman 5; Nakielny R, aids to radiological differential diagnosis, Reviewed by Lieberman 5, (Radiology), 161: 408, 1986 Chepelienko GW, radiologic diagnosis of diseases of the lymphatic system, Reviewed by Willich E, (Radiology), 156: 36, 1985
- Chevrot A; Katz M; Rohr C, os et articulations (bones and joints). vol. 4 of cahiers de radiologic (notebooks of radiology), Reviewed by Oestreich AE, (Radiology), 159: 746, 1986
- Chiu LC; Lipcamon JD; Yie-Chiu BS, clinical computed tomography: illustrated procedural guide, Reviewed by Jones M, (Radiology), 161: 646, 1986
- Claussen C; Lochner B, dynamische computer-
- Claussen C; Lochner B, dynamische computer-tomographie (dynamic computed tomography), Reviewed by Oestreich AE, (Radiology), 152: 234, 1984 Claussen C; Lochner B, eds. dynamic computed tomography: basic principles and clinical applications, Reviewed by Weiss SL, (Radiology), 159: 378, 1986
- (Radiology), 199; 376, 1986 Clemente CD, ed, Gray's anatomy of the human body, 30th American ed., Reviewed by Eyler WR, (Radiology), 155: 604, 1985 Close ME; Wallace S, eds, lymphatic imaging: lymphography, computed tomography and scintigraphy. 2d ed., Reviewed by Steinfeld AD, (Radiology), 159: 692, 1986
- Cohen MD, pediatric magnetic resonance imaging, Reviewed by Wood BP, (Radiology), 161: 340, 1986
- Collins SM; Skorton DJ, eds, cardiac imaging and image processing, Reviewed by Martin DS, (Radiology), 160: 220, 1986
- Cosgrove DO; McCready VR, ultrasound imaging: liver, spleen, pancreas, Reviewed by Smith EH, (Radiology), 153: 502, 1984
- by Smith Eri, (Radiology), 153: 502, 1984
  Cox PH, ed, radiopharmacy and
  radiopharmacology yearbook 1, Reviewed
  by Russ GA, (Radiology), 160: 328, 1986
  Cragg AH, radiology review cards, Reviewed
  by Listinsky JJ; Steiner E; Philbrick A;
  Poster R, (Radiology), 161: 670, 1986
- sonographer's self-assessment guide, Reviewed by Irwin GAL, (Radiology), **161**: 94, 1986 Craig M, ultrasound exam review:
- 94, 1986
  Culp DA; Loening SL, eds, genitourinary oncology, Reviewed by Curry NS, (Radiology), 156: 606, 1985
  Dalinka MK; Kaye JJ, eds, radiology in emergency medicine, Reviewed by Demos TC, (Radiology), 154: 342, 1985
  Datz FL, gamuts in nuclear medicine, Reviewed by Haines JE (Radiology)
- Reviewed by Haines JE, (Radiology), 152:
- Davidson AJ, ed, radiology of the kidney, Reviewed by Thornbury JR, (Radiology), 156: 602, 1985
- Deconinck F, ed, information processing in medical imaging, Reviewed by Boxt LM, (Radiology), **156**: 720, 1985
- de Groot J, correlative neuroanatomy of computed tomography and magnetic resonance imaging, Reviewed by Simon J, (Radiology), **156:** 428, 1985
- Deitemann J-L, radiodiagnosis of the skull, Reviewed by Griffiths HJ, (Radiology), **158**: 190, 1986
- del Regato JA, radiological physicists, Reviewed by Capusten BM, (Radiology), 161: 34, 1986
- Demling L, ed, klinische gastroenterologie (clinical gastroenterology). 2d ed. 2 vols., Reviewed by Donner MW, (Radiology), 161: 132, 1986
- Denekamp J, cell kinetics and cancer therapy, Reviewed by Rose CM, (Radiology), 154: 352, 1985
- De Smet AA, radiology of spinal curvature, Reviewed by Kathol MH, (Radiology), 157: 126 1985
- 12b, 1963 Didier D, echocardiographie bidimensionelle du nouveau-n≪ac05e au grand enfant (two-dimensional echocardiography—newborn through later childhood), Reviewed by Paquet M, (Radiology), 158: 808, 1986

- Dihlmann W, rontgenatlas rheumatischer krankheiten (radiologic atlas of rheumatic diseases), Reviewed by Oestreich AE, (Radiology), **156**: 396, 1985
- Dihlmann W, joints and vertebral connections, Reviewed by Sundaram M, (Radiology), 160: 468, 1986
- Doi K; Lanzi L; Lin P-JP, eds, recent developments in digital imaging, Reviewed by Boxt LM, (Radiology), **159**: 110, 1986
- D'Orsi CJ; Wilson RE, ed, carcinoma of the breast: diagnosis and treatment, Reviewed by Janus J, (Radiology), 154: 612, 1985
- Dosch J-C, trauma: conventional radiologic study in spine injury, Reviewed by Blum JE, (Radiology), **159**: 590, 1986
- Dotter CT; Gruntzig AR; Schoop W; Zeitler E, percutaneous transluminal angioplasty technique: early and late results, Reviewed by Gerlock AJ Jr. (Radiology), 153: 378, 1984
- Drexler G; Eriskat H; Schibilla H, eds, criteria and methods for quality assurance in medical x-ray diagnosis, Reviewed by Griffiths HJ, (Radiology), **158**: 818, 1986
- duBoulay GM, ed, textbook of radiological diagnosis. vol. 1. the head and the central nervous system. 5th ed., Reviewed by Holtas S, (Radiology), 156: 314, 1985
- Easson EC; Pointon RCS, eds, radiotherapy of isson EC; Pointon RCS, eus, fautotierap, malignant disease, Reviewed by Steinfeld AD, (Radiology), 157: 386, 1985
- Easton EJ Jr; Powers JA, musculoskeletal magnetic resonance imaging, Reviewed by Griffiths HJ, (Radiology), 160: 160, 1986
- Eisenberg RL, atlas of signs in radiology, Reviewed by VanZandt TF, (Radiology), **154**: 544, 1985
- Eisenberg RL, ed, diagnostic imaging in internal medicine, Reviewed by Steiner E, (Radiology), **157**: 582, 1985
- Ell PI: Walton S: Jarritt PH, radionuclide ventricular function studies, Reviewed by O'Mara RE, (Radiology), **151:** 482, 1984
- Ell PJ; Holman BL, computed emission tomography, Reviewed by McCarthy J, (Radiology), 152: 758, 1984
- (Radiology), 152-75s, 1982 Enderle A; Mueller KH; Rompe G; Ruffing L; Scholiner D; Willert GG; Zichner L; systemerkrankungen, arthrogryposis und stoffwechselerkrankungen (systemic diseases), Part I of Volume 3, Allgemeine Orthopadie, of Orthopadie in Praxis und Klinik, Reviewed by Oestreich AE, (Radiology), 155: 302, 1985
- Ennis JT; Dowsett DJ, vascular radionuclide imaging: a clinical atlas, Reviewed by O'Mara RE, (Radiology), **154**: 150, 1985
- Enzmann DR, imaging of infections and inflammations of the central nervous system: computed tomography, ultrasound and nuclear magnetic resonance, Reviewed by Ekholm S, (Radiology), **155**: 370, 1985
- Esser PD; Johnston RE, eds, technology of nuclear magnetic resonance, Reviewed by Miller T, (Radiology), 157: 696, 1985
- Esser PD, ed, digital imaging: clinical advances in nuclear medicine, Reviewed by O'Mara RE, (Radiology), **151**: 482, 1984
- Evans KT; Butler NF; Gravelle IH; Roberts GM, clinical radiology for medical students, Reviewed by Feczko PJ, (Radiology), 152: 574, 1984
- Feigenbaum H, echocardiography. 4th ed., Reviewed by Martin JF, (Radiology), **161**: 532, 1986
- Feldberg MAM, computed tomography of the retroperitoneum: an anatomical and pathological atlas with emphasis on the fascial planes, Reviewed by Gothlin J, (Radiology), 154: 468, 1985
- Felman AH, pediatric chest, Reviewed by Cockington RA, (Radiology), 150: 700, 1984
- Ferrucci JT Jr; Wittenberg J; Mueller PR; Simeone JF, eds, interventional radiology of the abdomen. 2d ed.. Reviewed by Young J, (Radiology), 156: 338, 1985
- Fiegler W, ultraschall in der bildgebenden diagnostik (ultrasound in diagnostic imaging), Reviewed by Kircher K, (Radiology), 155: 772, 1985

- Filkins K; Russo RJ, eds, human prenatal diagnosis, Reviewed by Toi A, (Radiology), 161: 810, 1986
- Fischer AO: Anderson IC: Shuman RM: scher AQ; Anderson JC; Snuman km; Stinson W, pediatric neurosonography: clinical, tomographic, and neuropathologic correlates, Reviewed by Johnson ND, (Radiology), 160: 236, 1986
- Flanagan JJ; Maisey MN, atlas of normal skeletal scintigraphy, Reviewed by Fisher MF, (Radiology), **161**: 190, 1986
- Fleischer AC; James AE Jr, real-time sonography, Reviewed by Bechtold RE; Wolfman NT, (Radiology), **154**: 506, 1985
- Forgacs S, bones and joints in diabetes mellitus. vol. 4 in series in radiology, Reviewed by Gondos B, (Radiology), 150: 326, 1984
- Forgacs S, gastrointestinal disorders in diabetes mellitus, Reviewed by Mapp E, (Radiology), **161**: 292, 1986
- Foster MA, magnetic resonance in medicine and biology, Reviewed by Bryant RG, (Radiology), 156: 142, 1985
- Freedom RM; Culham JAG; Moes CAF, angiocardiography of congenital heart disease, Reviewed by Martin DS, (Radiology), 156: 352, 1985 Freeman LM; Weissmann HS, eds, nuclear
- medicine annual 1985, Reviewed by Smith R, (Radiology), **158**: 40, 1986
- Freeman LM, ed, Freeman and Johnson's clinical radionuclide imaging. 3d ed. 2 vols., Reviewed by Martin DS, (Radiology), 157: 238, 1985
- 236, 1763
  Freyschmidt J, gelenk-erkrankungen:
  rontgenologische diagnose und
  differentialdiagnose (diseases of the joints:
  radiologic diagnosis and differential
  diagnosis), Reviewed by Oestreich AE,
  (Radiology), 157; 726, 1985
- (Radiology), 157: 72b, 1985 Friedland Gw; Filly R; Goris ML; Gross D; Kempson RL; Korobkin M; Thurber BD; Walter J, eds, uroradiology: an integrated approach. Reviewed by Curry NS, (Radiology), 151: 392, 1984
- Friedman WF; Higgins CB, eds, pediatric cardiac imaging, Reviewed by Gerlock AJ Jr, (Radiology), 155: 98, 1985
- (Radiology), 153-59, 1965

  Frommhold W; Gerhardt P, eds, die klinische wertigkeit neuer bildgebender verfahren (clinical value of the newer imaging modalities), Reviewed by Blickman JG, (Radiology), 159: 174, 1986
- Fullerton GD; Zagzebski JA, ed, medical physics of CT and ultrasound: tissue imaging and characterization. medical physics monograph 6, Reviewed by Judy PF, (Radiology), 151: 252, 1984
- Gademann G, NMR—tomography of the normal brain, Reviewed by Utz R, (Radiology), **158**: 156, 1986
- Galasko CSB; Webber DA, eds, radionuclide scintigraphy in orthopaedics, Reviewed by Maslack MM, (Radiographics), 5: 328, 1985
- Gamble FO; Yale I, clinical foot radiology. 2d ed., Reviewed by Griffiths HJ, (Radiology), 154: 54, 1985
- Gedgaudas E; Moller JH; Castaneda-Zuniga WR; Amplatz K, cardiovascular radiology, Reviewed by Martin DS, (Radiology), **156**: 352, 1985
- Gelfand DW, gastrointestinal radiology: performing and interpreting fluoroscopic examinations, Reviewed by Olmsted WW, (Radiology), 155: 590, 1985
- Gelman MJ, radiology of orthopedic procedures, problems and complications, Reviewed by Sundaram M, (Radiology), 155: 60, 1985
- Gerlock AJ Jr; Mirfakhraee M, essentials of diagnostic and interventional angiographic techniques, Reviewed by Martin DS, (Radiology), **156**: 78, 1985
- Gibilisco JA, ed, Stafne's oral radiographic diagnosis, Reviewed by Cacciotti LR, (Radiology), **158**: 452, 1986
- Gilbert HA, ed, modern radiation oncology, vol. 2, Reviewed by Steinfeld AD, (Radiology), 158: 844, 1986
- (Radiology), 156: 644, 1766 Go VLW, Gardner JD; Brooks FP; Lebenthal E; DiMagno EP; Scheele GA, eds, exocrine pancreas: biology, pathobiology, and diseases, Reviewed by Olmsted WW, (Radiology), 161: 446, 1986
- Goldberg BB; Wells PNT, eds, ultrasonics in clinical diagnosis, Reviewed by Lovelock JE, (Radiology), **154**: 178, 1985

- Goldberg BB, ed, abdominal ultrasonography. 2d ed., Reviewed by Herbert SG, (Radiology), **155**: 776, 1985
- Goldman AB, ed, procedures in skeletal radiology, Reviewed by Bohrer SP, (Radiology), 156: 378, 1985
- (Radiology), 196: 378, 1985 Gonzalez CF; Grossman CB; Masdeu JC, eds, head and spine imaging, Reviewed by Sarwar M, (Radiology), 158: 446, 1986 Gonzalez CF; Becker MH; Flanagan JC, eds, diagnostic imaging in ophthalmology, Reviewed by Robinson KE, (Radiology), 160: 772, 1986
- Gordon MY; Barrett AJ, bone marrow disorders: biological basis of clinical problems, Reviewed by Griffiths HJ, (Radiology), 160: 142, 1986
  Goris ML; Briandet PA, clinical and mathematical introduction to computer
- processing of scintigraphic images, Reviewed by Weber DA, (Radiology), **153**: 32, 1984
- Goris ML, sensitivity and specificity of common scintigraphic procedures, Reviewed by Winzelberg GG, (Radiology), 159: 138, 1986
- Gosink BB, Squire LF, exercises in diagnostic radiology: diagnostic ultrasound. 2d. ed., Vol. 8, Reviewed by Lamont BM, (Radiology), 151: 186, 1984
- (Radiology), 191: 106, 1984 Graf R; Schuler P, sonographie der sauglingshufte: ein kompendium (sonography of the hip in the infant: a compendium), Reviewed by Oestreich AE, (Radiology), 157: 678, 1985
- (Radiology), 157: 678, 1985 Gray JE; Phillips RA; Schenck J; Wagner LK, tour through the FDA, NCDRH, IDE, PMA, and IRB NMR maze, Reviewed by Froelich JW, (Radiology), 152: 102, 1984 Greenberg M, ed, essentials of body computed tomography, Reviewed by Hamlin DJ, (Radiology), 154: 392, 1985
- Greenfield GB, radiology of bone disease. 4th ed., Reviewed by Young JWR, (Radiology), 161: 726, 1986
- Greening JR, fundamentals of radiation dosimetry, Reviewed by Kelsey CA, (Radiology), **159**: 422, 1986
- (Radiology), 159-122, 1700 Greitz T; Ingvar DH; Widen L, metabolism of the human brain studied with positron emission tomography, Reviewed by Garnett ES, (Radiology), 157: 788, 1985
- Grossman ZD; Ellis DA; Brigham SC, clinician's guide to diagnostic imaging, Reviewed by Silverman SC, (Radiology), 152: 278, 1984
- To John Charles (1984) And Tone (1984) And Ton
- 155: 614, 1985
  Guardiola PM; Gruber UF, wie sagt's der arzt auf Deutsch, Franzosisch, Italienisch, Spanisch und Englisch?/comment le medecin le dit-il...?/como lo dice il medico ...?/como lo dice el medico ...?/como lo dice el medico ...?/how does the doctor say it in German, French, Italian, Spanish and English?, Reviewed by Oestreich AE; Rosario-Medina W, (Radiology), 156: 776, 1985
- Gutmann G, ed, arteria vertebralis—traumatologie und funktionelle pathologie (the vertebral pathology (the vertebral artery—traumatology and functional pathology), Reviewed by Rusch O, (Radiology), 157: 418, 1985
- (Radiology), 157: 418, 1985

  Hach W. Hach V, phlebographie der bein- und beckenvenen (venography of the lower extremities and pelvis), 3d ed., Reviewed by Rusch O, (Radiology), 160: 118, 1986

  Hagen-Ansert SL, textbook of diagnostic ultrasonography. 2d ed., Reviewed by Krebs CA. (Radiology), 151: 460, 1984

  Hajdu SI, differential diagnosis of soft tissue and bone tumors, Reviewed by Cockshott WP, (Radiology), 160: 134, 1986

  Hall EJ, radiation and life. 2d ed., Reviewed by Benedetto AR, (Radiology), 158: 50, 1986

  Haller JO: Slovis TL, introduction to radiology

- Haller JO; Slovis TL, introduction to radiology in clinical pediatrics, Reviewed by Fernbach SK, (Radiology), 153: 394, 1984
- Hammerschlag SB; Hesselink JR; Weber AL, computerized tomography of the eye and orbit, Reviewed by Robinson KE, (Radiology), 151: 416, 1984
- Han M-C; Kim C-W, sectional human anatomy, Reviewed by Griffiths HJ, (Radiology), **160**: 294, 1986

- Hanafee WN; Mancuso AA, introductory workbook for CT of the head and neck, Reviewed by Mare KO, (Radiology), **154**: 128, 1985
- Hansmann M; Hackeloer B-J; Staudach A, eds, ultraschalldiagnostik in geburtshilfe und gynakologie—lehrbuch und atlas (ultrasound in obstetrics and gynecology—textbook and atlas), Reviewed by Stark P, (Radiology), 158: 96, 1986
- Harper P, ed, ultrasound mammography, Reviewed by Martin DS, (Radiology), **156**: 226, 1985
- Harrigan P; Lee R, principles of interpretation in echocardiography, Reviewed by Martin JF, (Radiology), **160**: 716, 1986
- Harrison MR; Golbus MS; Filly RA, unborn patient: prenatal diagnosis and treatment, Reviewed by Toi A, (Radiology), 155: 664,
- Hawthorne MR; Num R, self assessment in radiology 1: ear, nose, and throat, Reviewed by Costello P, (Radiology), **160**: 484, 1986
- Heiken JP; Glazer H5; Lee JKT; Murphy WA; Gado M, manual of clinical magnetic resonance imaging, Reviewed by Griffiths HJ, (Radiology), 160: 226, 1986
- Heilmann HP, ed, spezielle strahlentherapie maligner tumoren. teil 4 (radiation therapy of malignant tumors. part 4), Reviewed by Seydal HG, (Radiology), 157: 394, 1985
- Heimans JJ; Valk J; Lohman AHM, angiographic anatomy of the anterior inferior cerebellar artery, Reviewed by Griffiths HJ, (Radiology), **158**: 706, 1986
- Heintzen PH; Brennecke R, ed, digital imaging in cardiovascular radiology, Reviewed by Boxt LM, (Radiology), **153**: 736,
- Heinz ER, ed, neuroradiology. the clinical neurosciences. vol. 4, Reviewed by Alker G, (Radiology), **157**: 378, 1985
- Heiss W-D; Beil C; Herholz K; Pavlik G; Wagner R; Wienhard K, atlas of positron emission tomography of the brain, Reviewed by Garnett ES, (Radiology), 159: 598, 1986
- Heitzman ER, lung: radiologic-pathologic correlations. 2d ed., Reviewed by Wandtke JC, (Radiology), **153**: 594, 1984
- Heller M; Jend H-H, eds, computertomographie in der traumatologie (CT of trauma), Reviewed by Oestreich AE, (Radiology), 155: 704, 1985
- Hendee WR, physical principles of computed tomography, Reviewed by Yaffe MJ, (Radiology), **151**: 438, 1984
- Hendee WR, ed, health effects of low-level radiation, Reviewed by Griffiths HJ, (Radiology), **153**: 826, 1984
- Hendee WR, ed, selection and performance of radiologic equipment, Reviewed by Roberts JW Jr, (Rediology), 161: 256, 1986
- Henrich G, bildverarbeitung von computer-tomogrammen zur unterstutzung der neuroradiologischen diagnostik (image processing of computed tomograms in support of neuroradiologic diagnosis), Reviewed by Oestreich AE, (Radiology), 152: 234, 1984 234, 1984
- Hepp WR, radiologie des femoro-patallargelenkes, Reviewed by Virtama P, (Radiology), **154**: 70, 1985
- Herlinger H; Lunderquist A; Wallace S, eds, clinical radiology of the liver. parts A and B, Reviewed by Vlamonte M Jr, (Radiology), 151: 376, 1984
- Herman PC, ed, iatrogenic thoracic complications, Reviewed by Armstrong P, (Radiology), **151**: 354, 1984
- Hermine CL, radiology of liver circulation, Reviewed by Jones M, (Radiology), **161**: 690, 1986
- Heuck F; Scherer E, eds, strahlengefahrdung und strahlenschultz/radiation exposure and radiation protection. vol. 20 of handbuch der medizinischen radiologie/encyclopedia of medical radiology, Reviewed by Blickman JG, (Radiology), 160: 576, 1986
- Heuck FHW; Donner MW, ed, radiology today, Reviewed by Thornbury JR, (Radiology), 153: 466, 1984
- Hillman BJ, imaging and hypertension. saunders monographs in clinical radiology series, vol. 22, Reviewed by Gerlock AJ Jr, (Radiology), 154: 30, 1985

- Hilton SvW; Edwards DK; Hilton JW, practical pediatric radiology, Reviewed by Martin DS, (Radiology), **154**: 374, 1985
- Hipona FA, ed, heart. multiple imaging procedures: volume 5, Reviewed by Chen JTT, (Radiology), **151**: 364, 1984
- Hiss SS, understanding radiography. 2d ed., Reviewed by Brown PA, (Radiology), **151**: 328, 1984
- Hobbins JC; Winsberg F; Berkowitz RL, ultrasonography in obstetrics and gynecology. 2d ed., Reviewed by Kennedy J, (Radiology), 152: 418, 1984
- Hoffer PB; Gore JC; Gottschalk A; Sostman D; Zaret BL, eds, 1985 year book of Nuclear Medicine, Reviewed by Fisher MF, (Radiology), 157: 456, 1985
- Holm HH; Kristensen JK, eds, interventional ultrasound, Reviewed by Gerlock AJ Jr, (Radiology), 159: 630, 1986
- Holman BL, ed, radionuclide imaging of the brain, Reviewed by Sarwar M, (Radiology), 159: 164, 1986
- Hoph M-A; Bydder GM, eds, magnetic resonance imaging and spectroscopy, Reviewed by Hamlin DJ, (Radiology), **160**:
- Howland WJ; Miller CJ, eds, organ system radiology, Reviewed by Cuttino J, (Radiology), **157**: 28, 1985
- (Nadiology), 137: 26, 964 Hundeshagen H, ed, nuklearmedizin—diagnostic II. vol. 15, pt. 3 of handbuch der medizinischen radiologie/encyclopedia of medical radiology, Reviewed by Bisset GS III; Oestreich AE, (Radiology), 159: 484, 1986
- Hunter TB, computer in radiology, Reviewed by Martin DS, (Radiology), 160: 674, 1986
- Hykes DL; Hedrick WR; Starchman DE, ultrasound physics and instrumentation, Reviewed by Capusten BM, (Radiology), 159: 544, 1986
- lio M; Wagner HN Jr, eds, geriatric nuclear medicine, Reviewed by Fisher MF, (Radiology), **158**: 62, 1986
- (Radiology), 1856-82, 1969

  Immenkamp M; Kogelnik HD; Kotz R;
  Lechner G; Muller K; Salzer M; SalzerKuntschik M; Weber U; tumoren und
  tumorahnliche erkrankungen (tumors and
  tumorlike conditions). pt. 2 of vol. 3.
  allgemeine orthopadie (general orthopedics)
  orthopadie in praxis und klinik (orthopedics
  in clinical practice). 2d ed. Reviewed by
  Oestreich AE, (Radiology), 159: 470, 1986
- Indiana University Audiovisual Center, radiation safety: introduction, laboratory tecniques, and emergency procedures, Reviewed by Lieto RP, (Radiology), **151**: 542,
- International Commission on Radiological Protection, protection of the patient in radiation therapy, Reviewed by Griffiths HJ, (Radiology), 159: 678, 1986
- Ischinger T, practice of coronary angioplasty, Reviewed by Martin DS, (Radiology), **161**: 680, 1986
- Jackson SM, radiation oncology, Reviewed by Steinfeld AD, (Radiology), 159: 800, 1986 Jacobson A; Caufield PW, introduction to radiographic cephalometry, Reviewed by Cacciotti LR, (Radiology), 161: 68, 1986
- Jaffe CC, ed, vascular and Doppler ultrasound, Reviewed by Menanteau BP, (Radiology), 158: 480, 1986
- James AE Jr; Anderson JH; Higgins CB, digital image processing in radiology, Reviewed by Shaw C-G, (Radiology), 160: 124, 1986
- Jang GD, ed, angioplasty, Reviewed by Martin DS, (Radiology), 161: 680, 1986

  Jeanmart L, Baert AL, Wackenheim A, atlas of pathological computer tomography, volume 3: computer tomography of neck, chest, spine, and limbs, Reviewed by Gothlin J, (Radiology), 154: 162, 1985
- (Radiology), 154: 165. [165] examination of the breast, Reviewed by Martin DS, (Radiology), 155: 210, 1985
- Johns HE; Cunningham JR, physics of radiology. 4th ed., Reviewed by Laughlin JS, (Radiology), **152**: 194, 1984
- Kalifa G; Lalande G; Bennet J, radiopediatrie. [pediatric radiology.] vol. 7 of ABC radiodiagnostic, Reviewed by Oestreich AE, (Radiology), 152: 400, 1984

- Kalifa G, ed, pediatric ultrasonography, Reviewed by Oestreich AE, (Radiology), **160**: 506, 1986
- Kaltenbach M; Klepzeg H eds., rontgenologische herzvolumenbestimmung, Reviewed by Flachs K, (Radiology), **150**: 6,
- Kamieth H. rontgenbefunde von normalen bewegungen in den kopfgelenken [radiology of normal motion of the [radiology of normal motion of the craniocervical junction]. vol. 101 of die wirbelsaule in forschung und praxis [the vertebral column: progress and practice]. Reviewed by Oestreich AE, (Radiology), 153: 148, 1984
- Karcher KH; Kogelnik HD; Reinartz G, ed, progress in radio-oncology II, Reviewed by Scott RS, (Radiology), **153**: 740, 1984
- Kassner EG, ed, iatrogenic disorders of the fetus, infant, and child. vol. 1, Reviewed by Ozonoff MB, (Radiology), **157**: 78, 1985
- Kassner EG, ed, iatrogenic disorders of the fetus, infant, and child. vol. 2, Reviewed by Slovis TL, (Radiology), **159**: 768, 1986
- Keats TE, atlas of normal roentgen variants that may simulate disease. 3d ed., Reviewed by Cockshott WP, (Radiology), 154: 588, 1985
- Kelsey CA, essentials of radiology physics, Reviewed by Listinsky JJ, (Radiology), **160**: 542, 1986
- Kim EE; Haynie TP, nuclear imaging in oncology, Reviewed by Haines JE, (Radiology), **154**: 794, 1985
- Kirks DR, practical pediatric imaging, Reviewed by Bernstein RM, (Radiology), 154: 106, 1985
- Korneluk GN, practice enhancement: physician's guide to success in private practice, Reviewed by Chick BE, (Radiology), **159**: 200, 1986
- Koss LG, tumors of the urinary bladder (supplement), 2d ser., fasc. 11, Reviewed by Griffiths HJ, (Radiology), **159**: 442, 1986
- Kossoff G; Fukuda M, eds, ultrasound differential diagnosis of tumors, Reviewed by Asztely M, (Radiology), 155: 192, 1985
- Koteles GY, x-ray diagnosis in neonates, Reviewed by Wood BP, (Radiology), **153**: 400, 1984
- Kovac A, liver and spleen. guide to diagnostic imaging. volume 1, Reviewed by Griffiths HJ, (Radiology), **151**: 314, 1984
- Kovac A; Sanowski RA; Kozarek RA, gallbladder and biliary system. guide to diagnostic imaging. volume 2, Reviewed by Griffiths HJ, (Radiology), **151**: 314, 1984
- Kovac A; Kozarek R, pancreas, guide to diagnostic imaging, volume 3, Reviewed by Griffiths HJ, (Radiology), **151**: 314, 1984
- Kozlowski K; Beighton P, gamut index of skeletal dysplasias: an aid to radiodiagnosis, Reviewed by Wood BP, (Radiology), **154**: 318, 1985
- Kremkau FW, diagnostic ultrasound: principles, instrumentation, and exercises. 2d ed., Reviewed by Raptopoulos V; Karellas A, (Radiology), 157: 312, 1985
- Kressel HY, ed, magnetic resonance annual—1985, Reviewed by Sundaram M, (Radiology), **156**: 434, 1985
- Kristensen K; Norbygaard E, eds, safety and efficacy and radiopharmaceuticals, Reviewed by Russ GA, (Radiology), **154**: 212,
- Kruger RA; Riederer SJ, basic concepts of digital subtraction angiography, Reviewed by Boxt LM, (Radiology), 153: 362, 1984
- Kuhl DE, ed, principles of radionuclide emission imaging, Reviewed by Schaub T; Gilday DL, (Radiology), **153**: 522, 1984
- Kuhns LR; Seeger J, atlas of computed tomography variants, Reviewed by Burgreen L, (Radiology), 152: 754, 1984
- Kuni CC; Klingensmith WC III, atlas of radionuclide hepatobiliary imaging, Reviewed by Wilson G, (Radiology), **152**:
- Labovitz AJ; Williams GA, Doppler echocardiography: quantitative methods of pulsed and continuous wave cardiac Doppler, Reviewed by Martin JF, (Radiology), **160**: 520, 1986

- Lamarque J-L, atlas of the breast: clinical radiodiagnosis, Reviewed by Homer MJ, (Radiology), **159**: 70, 1986
- Lampmann LEH; Duursma SA; Ruys JHJ, CT densitometry in osteoporosis, Reviewed by Griffiths HJ, (Radiology), **155**: 698, 1985
- Landau SI, ed, international dictionary of medicine and biology. 3 vols., Reviewed by DeLibero BB; Norder A; Griffiths HJ, (Radiology), **160**: 606, 1986
- Lang EK, ed, current concepts of uroradiology, Reviewed by Newhouse JH, (Radiology), 154: 322, 1985
- Langland OE; Sippy FH; Langlais RP, textbook of dental radiology. 2d ed., Reviewed by Cacciotti LR, (Radiology), **155**: 154, 1985
- Langston CS, emergency patient. 2d ed. exercises in diagnostics radiology, vol. 7, Reviewed by Gerlock AJ, (Radiographics), 4:
- 1013, 1984
  Langston CS, emergency patient. 2d edition.
  volume 7 of exercises in diagnostic
  radiology, Reviewed by Bohrer SP,
  (Radiology), 153: 48, 1984
  Lasjaunias P; Halim P; Lopez-Ibor L; Reiser U;
  Buch J; Heuck FHW; Koster R; Frohlich H,
  frontiers in European radiology, vol. 4,
  Reviewed by Ball WS Jr, (Radiology), 155:
  818, 1985
- Lasjaunias PL, craniofacial and upper cervical arteries: collateral circulation and angiographic protocols, Reviewed by O'Reilly GV, (Radiology), 151: 404, 1984
- Lau LSW; DeCampo JF, notes on radiological diagnosis: the trainee's survival kit, Reviewed by Wopperer DB, (Radiology), 152: 40, 1984
- Lau LSW; DeCampo JF, notes on radiological diagnosis, 2d ed., Reviewed by Fischer HW, (Radiology), **160**: 90, 1986
- Lemke HU; Jaffee CC; Felix R, eds, computer assisted radiology, Reviewed by Martin DS, (Radiology), 159: 186, 1986
- Levinson D, ed, computer applications in clinical practice, Reviewed by Martin DS, (Radiology), **156**: 390, 1985
- Levitt SH; Tapley Nd, eds, technological basis of radiation therapy: practical clinical applications, Reviewed by Shank B, (Radiology), 154: 348, 1985
- Littleton JT; Durizch ML, eds, sectional imaging methods: a comparison, Reviewed by Standertskjold-Nordenstam C-G,
- (Radiology), 151: 420, 1984

  Luska G; Seger W, eds, bildgebende verfahren in der diagnostik von gallenwegserkrankungen (imaging modalities in diagnostic radiology of diseases affecting the gallbladder), Reviewed by Blickman JG, (Radiology), 158: 108, 1986
- Lutz H; Meudt R, manual of ultrasound, Reviewed by DeMarino G, (Radiology), 153: 498, 1984
- McCaughey WTE; Kannerstein M; Churg J, tumors and pseudotumors of the serous membranes. 2d ser., fasc. 20, Reviewed by Griffiths HJ, (Radiology), 159: 354, 1986
- Mackay RS, medical images and displays: comparisons of nuclear magnetic resonance, ultrasound, x-rays and other modalities, Reviewed by Reid MH, (Radiology), 154: 406, 1985
- McNeil BJ; Abrams HL, Brigham and Women's Hospital handbook of diagnostic imaging, Reviewed by Griffiths HJ, (Radiology), 161: 400, 1986
- Macovski A, medical imaging systems, Reviewed by High M, (Radiology), 153: 458,
- Magistretti PL, ed, functional radionuclide imaging of the brain, Reviewed by Weiss PE, (Radiology), 153: 806, 1984
- Maisey MN; Britton KE; Gilday DL, clinical nuclear medicine, Reviewed by Wilson GA, (Radiology), **151**: 202, 1984
- Mancuso AA; Hanafee WN, computed tancuso AA; Hanaree WN, Computed tomography and magnetic resonance imaging of the head and neck. 2d ed., Reviewed by Hammerschlag SB, (Radiology), 159: 584, 1986
- Mann WJ, ultraschall im kopf-hals-bereich (ultrasound of the head and neck region), Reviewed by Oestreich AE, (Radiology), **156**: 160, 1985
- Margulis AR; Burhenne HJ, eds, alimentary tract radiology. volumes I and II, 3d ed., Reviewed by Gudex D, (Radiology), 151:

- Margulis AR; Higgins CB; Kaufman L; Crooks LE, clinical magnetic resonance imaging, Reviewed by Adams DF, (Radiology), **154**: 420, 1985
- Marshak RH; Lindner AE; Maklansky D. radiology of the stomach, Reviewed by Evers KA, (Radiology), 151: 34, 1984
- Maurer HJ; Zieler E, eds, physik der bildgebenden verfahren in der medizin (physics of imaging modalities in medicine), Reviewed by Blickman JG, (Radiology), 156:
- Mears DC; Rubash HE, pelvic and acetabular fractures, Reviewed by Bechtold RE, (Radiology), **161**: 814, 1986
- Meisel AD; Bullough PG, atlas of osteoarthritis, Reviewed by Griffiths HJ, (Radiology), **157**: 620, 1985
- Merrick MV, essentials of nuclear medicine, Reviewed by Merlo RB, (Radiology), 157: 442, 1985
- Meschan I; Ott DJ, introduction to diagnostic imaging, Reviewed by Wandtke JC, (Radiology), 153: 340, 1984
- Meschan I, roentgen signs in diagnostic imaging. 2d ed. vol. 2. appendicular skeleton, Reviewed by VanZandt TF, (Radiology), **158**: 678, 1986
- (Radiology), 153-0-0, 1200 Meschan I; Farrer-Meschan RM, roentgen signs in diagnostic imaging. 2d ed. vol. 3: spine and central nervous system, Reviewed by VanZandt TF, (Radiology), 161: 30, 1986
- Mettler FA Jr; Guiberteau MJ, essentials of nuclear medicine imaging, Reviewed by Cowan RJ, (Radiology), **154:** 206, 1985
- Mettler FA Ir; Guiberteau MI, essentials of nuclear medicine imaging, Reviewed by Merlo RB, (Radiology), 160: 548, 1986
- Michelin J, atlas d'echographie mammaire et de mammographie (atlas of breast ultrasound and mammography), 2d ed., Reviewed by Oestreich AE, (Radiology), 161:
- microdosimetry. ICRU report no. 36 (bk rev), Griffiths HJ, (Radiology), **154**: 528, 1985
- Miller AB, ed, screening for cancer, Reviewed by Steinfeld AD, (Radiology), 159: 52, 1986
- Miller JH; White L, eds, imaging in pediatric oncology, Reviewed by Kuhns LR, (Radiology), **158**: 236, 1986
- Miller RE; Skucas J, radiological examination of the colon, Reviewed by Olmsted WW, (Radiology), 151: 310, 1984
- Miller SW, cardiac angiography, Reviewed by Martin DS, (Radiology), **156**: 352, 1985 Miller WT, introduction to clinical radiology,
- Reviewed by Novelline RA, (Radiology), 151: 300, 1984
- Milne ENC, ed, models and techniques in medical imaging research, Reviewed by Wolf GL, (Radiology), 153: 646, 1984
- Moffett BC, ed, diagnosis of internal derangements of the temporomandibular joint. vol. 1. double-contrast arthrography and clinical correlation, Reviewed by Katzberg R, (Radiology), 160: 430, 1986
- Katzberg K, (Kadiology), 160: 430, 1986 Monnier J-P; Tubiana J-M, le poumon (the lung). vol. 3 of cahiers de radiologie (notebooks of radiology), Reviewed by Azouz EM, (Radiology), 159: 400, 1986 Montagne J; Chevrot A; Galmiche J-M, atlas de radiologie du pied (dalas of foot radiology), 2d ed., Reviewed by Kraus R, (Radiology), 158: 132, 1986
- 158: 132, 1986
- Montangue J, atlas of foot radiology, Reviewed by Griffiths HJ, (Radiology), 154: 54, 1985
- Morgan CJ; Hendee WR, introduction to magnetic resonance imaging, Reviewed by Shippel A, (Radiology), 160: 594, 1986
- Morgan CL, basic principles of computed tomography, Reviewed by Gothlin J, (Radiology), 151: 144, 1984
- Mori K; Harwood-Nash DC, eds, anomalies of the central nervous system: neuroradiology and neurosurgery, Reviewed by Dolinskas CA, (Radiographics), 5: 327, 1985
- Morley P; Donald G; Sanders R, eds, ultrasonic sectional anatomy, Reviewed by Lerner RM, (Radiology), **154**: 494, 1985
- Moseley IF; Sanders MD, computerized tomography in neuro-opthalmology, Reviewed by Robinson KE, (Radiology), 151: 416.1984
- Moss AA; Gamsu G; Genant HK, computed tomography of the body, Reviewed by Mare KO, (Radiology), 153: 768, 1984

- Mottet NK, ed, environmental pathology, Reviewed by Griffiths HJ, (Radiology), **157**: 478, 1985
- Mould RF, cancer statistics, Reviewed by Griffiths HJ, (Radiology), 152: 530, 1984
- Mould RF, radiotherapy treatment planning. 2d ed., Reviewed by Kadish SP, (Radiology), 159: 222, 1986
- Mould RF, ed, computers in radiotherapy and oncology, Reviewed by Kagan AR, (Radiology), 158: 530, 1986
- Naidich DP; Zerhouni EA; Siegelman SS, computed tomography of the thorax, Reviewed by Wandtke JC, (Radiology), **154**: 170, 1985
- Nance EP Jr; Heller RM; Kirchner SG; Kaye JJ, emergency radiology of the pelvis and lower extremity: volume 17 of advanced exercises in diagnostic radiology, Reviewed by Bohrer SP, (Radiology), **154**: 44, 1985
- Nanda NC, ed, Doppler echocardiography, Reviewed by Menanteau BP, (Radiology), 159: 146, 1986
- National Council on Radiation Protection and Measurements 1985, general concepts for the dosimetry of internally deposited radionuclides. report no. 84, Reviewed by Griffiths HJ, (Radiology), 160: 254, 1986
- National Council on Radiation Protection and Measurements, carbon-14 in the environment. report 81, Reviewed by Griffiths HJ, (Radiology), 158: 162, 1986
  National Council on Radiation Protection and
- Measurements, SI units in radiation protection and measurements, report no. 82, Reviewed by Griffiths HJ, (Radiology), 159:
- National Council on Radiation Protection and Meas, some issues important in developing basic radiation protection recommendations. report no. 6, Reviewed by Griffiths HJ, (Radiology), 160: 98, 1986
- National Institutes of Health, cancer treatment symposia, vol. 1. the interdisciplinary program for radiation oncology research, Reviewed by Griffiths HJ, (Radiology), 154: 624, 1985
- National Institutes of Health Consensus Developme, cancer treatment symposia. vol. 3, Reviewed by Griffiths HJ, (Radiology), 161: 610, 1986
- Neuwelt EA, ed, diagnosis and treatment of pineal region tumors, Reviewed by Ekholm S, (Radiology), **161**: 600, 1986
- Neviaser RJ; Eisenfeld LS; Wiesel SW; Lewis RJ, emergency orthopaedic radiology, Reviewed by El-Khoury GY, (Radiology), 157: 102, 1985
- Newton TH; Potts DG, eds, computed tomography of the spine and spinal cord. modern neuroradiology. vol. 1, Reviewed by Latchaw RE, (Radiology), 150: 484, 1984
- Newton TH; Potts DG, ed, advanced imaging techniques. volume 2 of modern neuroradiology, Reviewed by Ekholm SE, (Radiology), **153**: 144, 1984
- Ney D; Friedenberg RM, radiographic atlas of the genitourinary system. 2d ed. 2 vols., Reviewed by Katzberg RW, (Radiology), **153**:
- Nolan DJ, radiological atlas of gastrointestinal disease, Reviewed by Evers KA, (Radiology), 153: 328, 1984
- Noz ME, Maguire GQ Jr, radiation protection in the radiologic and health sciences. 2d ed., Reviewed by Benedetto AR, (Radiology), 157: 822, 1985
- Ochsner PE, knochentumoren des fusses—systematik, differentialdiagnosis und therapie (bone tumors of the foot-systematic discussion, differential diagnosis, and therapy), Reviewed by Oestreich AE, (Radiology), **156**: 766, 1985
- Oestreich AE; Crawford AH, atlas of pediatric orthopedic radiology, Reviewed by Johnson ND, (Radiology), **161**: 358, 1986
- Omoto R, ed, color atlas of real-time twodimensional Doppler echocardiography, Reviewed by Martin JF, (Radiology), **161**: 164, 1986
- Osbakken MD, ed, techniques, diagnostics, and advances in nuclear cardiology, Reviewed by El-Desouki M; Gilday DL, (Radiology), **153**: 514, 1984
- Otto RC; Wellauer J, ultraschallgefuhrte biopsie (ultrasound-guided biopsy), Reviewed by Oestreich AE, (Radiology), **158**: 764, 1986

- Palmer PES: Cockshott WP; Hegedus V; almer PES; Cockshott WF; Hegedus V; Samuel E, WHO basic radiological system: manual of radiographic interpretation for general practitioners, Reviewed by Jacobs J, (Radiology), 161: 696, 1986
- Pansini A, Conti P, angiographic diagnosis of supratentorial cerebral tumours (compared with CT scan), Reviewed by Burke R, (Radiology), 161: 76, 1986
- Partain CL; James AE Jr; Rollo FD; Price RR, nuclear magnetic resonance (NMR) imaging, Reviewed by Boxt LM, (Radiology), 151: 134, 1984
- Partain CL, ed, nuclear magnetic resonance and correlative imaging modalities, Reviewed by Griffiths HJ, (Radiology), **152**: 478, 1984
- Passariello R; Romanini L, ed, tomografia computerizzata della colonna vertebrale, delle articolazioni e del'osso (CT of vertebral column, joints, and bones). Reviewed by Oestreich AE, (Radiology), 155: 726, 1985
- Perone N, principles of real-time sonography in modern obstetrics. a handbook for the practicing physician, Reviewed by Graham D, (Radiology), 154: 426, 1985
- Pettersson H; Gilbert MS, diagnostic imaging in hemophilia, Reviewed by Bohrer SP, (Radiology), **158**: 308, 1986
- Peyster RG; Hoover ED, computerized tomography in orbital disease and neuro-ophthalmology, Reviewed by Martin DS, (Radiology), 153: 448, 1984
- Piepgras U, neurokutane systemerkrankungen: eine synoptische darstellung aus radiologischer sicht (systemic neurocutaneous diseases: synopsis from a radiologic viewpoint), Reviewed by Oestreich AE, (Radiology), **156**: 698, 1985
- Pinsky S; Moss GS; Srikantaswamy S; Ryo UY; Gould SA; Pond GD, eds, imaging of the peripheral vascular system, Reviewed by Hekali P, (Radiology), 156: 210, 1985
- Piroth H-D, ed, spezielle strahlentherapie maligner tumoren (radiation therapy of malignant tumours). pt. 6 of vol. 19 of handbuch der medizinischen radiologie (encyclopedia of medical radiology), Reviewed by Gahbauer RA, (Radiology), 161: 302, 1986
- Pistolesi GF; Bergamo IA, eds, la radiologia del mediastino (radiology of the mediastinum), Reviewed by Oestreich AE, (Radiology), 155:
- Pistolesi GF; Thiene G; Casolo F; eds, l'imaging diagnostico del cuore (diagnostic imaging of the heart). 2 vols., Reviewed by Oestreich AE, (Radiology), **160**: 250, 1986
- Pizzarello DJ; Witcofski RL, medical radiation biology. 2d ed., Reviewed by Brown JM, (Radiology), **152**: 820, 1984
- Post MJD, ed, computed tomography of the spine, Reviewed by Gyldensted C, (Radiology), **154**: 384, 1985
- Pouliadis G, rontgenologische diagnostik der nebennieren [radiologic diagnosis of the adrenals]. Reviewed by Oestreich AE, (Radiology), 152: 316, 1984
- Powers TA; James AE Jr, exercises in diagnostic radiology: nuclear imaging. 2d ed., Reviewed by Lieberman S, (Radiology), 156: 740, 1985
- Powis RL; Powis WJ, thinker's guide to ultrasonic imaging, Reviewed by Blum JE, (Radiology), **156**: 168, 1985
- Poznanski AK, hand in radiologic diagnosis: with gamuts and pattern profiles. 2d ed. 2 vols., Reviewed by Bohrer SP, (Radiology), 153: 614, 1984
- practical approach to modern imaging equipment. 2d ed., Thompson TT; Gustafson RB, (Radiology), **159**: 180, 1986
- Price RR; Rollo FD; Monahan WG; James AE Jr, digital radiography: a focus on clinical utility, Reviewed by Boxt LM, (Radiology), 151: 22, 1984
- Pujol H; Solassol C; DuBois JB; Joyeux H, les cancers du colon, du rectum et de l'anus (cancer of the colon, rectum, and anus), Reviewed by Oestreich AE, (Radiology), 152:
- Rabinov K; Weber AL, radiology of the salivary glands, Reviewed by Martin DS, (Radiology), **159**: **46**, 1986
- radiation and life. 2nd ed., Reviewed by Martin DS, (Radiographics), 5: 692, 1985

- Ramsey RG, diagnostic radiology of the brain: CT, DSA, NMR. 2d ed., Reviewed by Utz R, (Radiology), 156: 28, 1985 Reeders JWAJ; Tytgat GNJ; Rosenbusch G; Gratama 5, ischaemic colitis, Reviewed by Skucas J, (Radiology), 155: 634, 1985
- Reindl P, die transrektale transversale sonographie der prostate (transrectal transverse ultrasound of the prostate), Reviewed by Oestreich AE, (Radiology), 155:
- Resnick MI; Older RA, eds, diagnosis of genitourinary disease, Reviewed by Newhouse JH, (Radiology), **151**: 392, 1984
- Resnick MI; Sanders RC, ultrasound in urology. 2d ed., Reviewed by Lerner RM, (Radiology), 156: 174, 1985
- (Radiology), 138-174, 1393 Ricci-Maccarini P; Fattori R; Busori S, atlante di arteriografia coronarica (atlas of coronary arteriography), Reviewed by Oestreich AE; Strife JL, (Radiology), 155: 604, 1985
- Rifkin MD, diagnostic imaging of the lower genitourinary tract, Reviewed by Curry NS, (Radiology), **158**: 366, 1986
- (Radiology), 138: 366, 1956 Rifkin MD; Waldroup L, pocket atlas of normal ultrasound anatomy, Reviewed by Greer T, (Radiology), 160: 48, 1986 Rogers LF, radiology of skeletal trauma. volumes 1 and 2, Reviewed by Sundaram M, (Radiology), 151: 466, 1984
- (Radiology), 191: 400, 1704 Rosenbaum HD, 100 pearls in clinical diagnostic radiology, Reviewed by Wopperer DB, (Radiology), 154: 312, 1985 Rosenbaum HD; Hildner JH, basic clinical
- diagnostic radiology, Reviewed by Sweredoski R, (Radiology), 155: 76, 1985
- Rossetti G, double contrast radiology of the esophagus, Reviewed by Olmsted WW, (Radiology), **159**: 64, 1986
- Rothfeld B, ed, nuclear medicine in vitro. 2d ed., Reviewed by Woolf PD, (Radiology), 153: 542, 1984
- Rowe NL; Williams JLI, eds, maxillofacial injuries. 2 vols., Reviewed by Robinson KE, (Radiology), **160**: 206, 1986
- Ruenes R; De la Cruz A, otologic radiology with clinical correlations, Reviewed by Robinson KE, (Radiology), **161:** 376, 1986
- Rumack CM: Johnson ML, perinatal and infant brain imaging: role of ultrasound and computed tomography, Reviewed by Sauerbrei EE, (Radiology), 155: 142, 1985
- Ryo UY; Bekerman C; Pinsky SM, atlas of nuclear medicine artifacts and variants, Reviewed by Martin DS, (Radiology), **156**: 508, 1985
- Salcedo E, atlas of echocardiography, 2d ed. Reviewed by Martin JF, (Radiology), 161: 216, 1986
- 216, 1986
  Sanders RC, clinical sonography: a practical guide, Reviewed by Alexander DL, (Radiology), 153: 506, 1984
  Sanders RC; James AB Ir, eds, principles and practice of ultrasonography in obstetrics and gynecology, 3d ed., Reviewed by Toi A, (Radiology), 159: 106, 1986
  Sanders RC, ed, ultrasound annual 1982, Reviewed by Raptopoulos VD, (Radiology), 151: 170, 1984
- Sandler MP: Patton JA; Partain CL, thyroid and parathyroid imaging, Reviewed by Martin DS, (Radiology), **160**: 368, 1986
- Sarper RM, nuclear medicine instrumentation, Reviewed by Webber C, (Radiology), 155: 230, 1985
- Sarti DA, atlas of obstetric and gynecologic ultrasound, Reviewed by DeMocker JC, (Radiology), **154**: 250, 1985
- Sarwar M; Azar-kia B; Batnitzky S, basic neuroradiology, Reviewed by Hammerschlag SB, (Radiology), **150**: 718,
- Sarwar M, computed tomography of congenital brain malformations, Reviewed by Naidich TP, (Radiology), **156**: 148, 1985
- Sauvegrain J, ed, annales de radiologie, Vol. 28 (no. 6). index 1983-1984 of European radiological journals, Reviewed by Eyler WR, (Radiology), 159: 342, 1986
- Scarantino CW, ed, lung cancer: diagnostic procedures and therapeutic management—with special reference to radiotherapy, Reviewed by Wandtke JC, (Radiology), 159: 652, 1986
- (Radiology), 159: 652, 1986 Schlegel KF, ed, der korperbehinderte in mythologie und kunst. [the bodily handicapped in mythology and art.], Reviewed by Oestreich AE; Oestreich TK, (Radiology), 152: 320, 1984

- Schlensker K-H, atlas der ultraschalldiagnostik in geburtshilfe und gynakologie (atlas of obstetric and gynecologie ultrasound), Reviewed by Oestreich AE, (Radiology), 155: 468, 1985 Schmitt E, ed., tumoren der wirbelsaule
- (vertebral column tumors), Reviewed by Oestreich AE, (Radiology), **156**: 636, 1985
- Schmitt O, skoliosefrubbehandlung durch elektrostimulation (early treatment of scoliosis by electric stimulation of muscle), Reviewed by Oestreich AE, (Radiology), 160: 276, 1986
- Schneider G; Tolly E, radiologische diagnostik des gesichtsschadels (radiologic diagnosis of the facial bones), Reviewed by Oestreich AE, (Radiology), 156: 104, 1985
- Schnitzlein HN; Murtagh FR, imaging anatomy of the head and spine: a photographic color atlas of MRI, CT, gross and microscopic anatomy in axial, coronal, and sagittal planes, Reviewed by Simon JH, (Radiology), 157: 684, 1985
- Schubiger O, die computertomographie der wirbelsaule (CT of the vertebral column), Reviewed by Oestreich AE, (Radiology), **156**:
- 736, 1963
  Schultz E, computertomographie-verfahren: transmissions-, emissions-, magnet-resonanz-CT. physik, technik und medizinische perspectiven (computed tomographic methods: transmission, emission, and magnetic resonance CT. physics, techniques and medical perspectives, Reviewed by Wojtowycz M, (Radiology), 161: 526, 1986
- Schwartz EE, ed, radiology of complications in medical practice, Reviewed by Swirsky MH, (Radiology), 155: 654, 1985
- Seeram E, x-ray imaging equipment: introduction, Reviewed by Roberts JW Jr, (Radiology), 161: 52, 1986
- Sellink JL, radiology of the small bowel: modern enteroclysis technique and atlas, Reviewed by Miller RE, (Radiology), **150**: 344, 1984
- Selman J, fundamentals of x-ray and radium physics. 7th ed, Reviewed by Capusten BM, (Radiology), 161: 22, 1986
- (Radiology), 181: 22, 1930 Shah PM; Vijayaraghavan G; Singham KT, Doppler echocardiography: practical manual, Reviewed by Capusten BM, (Radiology), 159: 152, 1986
- Shapiro R, myelography. 4th ed., Reviewed by Martin DS, (Radiology), 153: 712, 1984
- Shearer DR, ed, recent advances in brachytherapy physics, Reviewed by Goffinet DR, (Radiology), 158: 210, 1986
- Siddiqui AR, nuclear imaging in pediatrics, Reviewed by Gainey MA, (Radiology), **161**: 468, 1986
- 488, 1986 Siegelman SS, ed, computed tomography of the chest, Reviewed by Wandtke JC, (Radiology), 156: 448, 1985 Silberstein EB; McAfee JG, differential diagnosis in nuclear medicine, Reviewed by Drane WE, (Radiology), 157: 528, 1985
- Silberstein EB, ed, bone scintigraphy, Reviewed by Smith J, (Radiology), **154**: 518,
- Silverman FN, ed, Caffey's pediatric x-ray diagnosis. integrated imaging approach. 2 vols., Reviewed by Wood BP, (Radiology), 158: 498, 1986
- Simon G; Wightman AJA, clinical radiology. 4th ed., Reviewed by Griffiths HJ, (Radiology), **151**: 300, 1984
- Sokoloff L, ed, brain imaging and brain function, Reviewed by Holland BA, (Radiology), **158**: 430, 1986
- Sovak M, ed, radiocontrast agents, Reviewed by Ekholm S, (Radiology), 158: 516, 1986
- Spechler 5J; Goyal RK, eds, Barrett's esophagus—pathophysiology, diagnosis, and management, Reviewed by Olmsted WW, (Radiology), 158: 604, 1986
- Spencer RP, ed, CRC handbook series in clinical laboratory science. section A: nuclear medicine volume II, Reviewed by Weber DA, (Radiology), 151: 498, 1984
- Spencer RP, ed, interventional nuclear medicine, Reviewed by Haines JE, (Radiology), 154: 782, 1985. Squire LF, fundamentals of radiology, 3d ed., Reviewed by Klein A, (Radiology), 153: 384, 1984.
- Staub WH, ed, manual of diagnostic imaging: clinician's guide to clinical problem solving, Reviewed by Diamond E, (Radiology), 157: 18, 1985

- Steckel RJ; Kagan AR, eds, cancer diagnosis: new concepts and techniques, Reviewed by Cassady JR, (Radiology), 151: 504, 1984
- Steiner RE; Radda GK, eds, nuclear magnetic resonance and its clinical applications, Reviewed by Griffiths HJ, (Radiology), **156**: 116, 1985
- Stoll B, ed, cancer treatment: end-point evaluation, Reviewed by Constine LS, (Radiology), **158**: 832, 1986
- Streffer C; Patrick G, eds, effects of prenatal irradiation with special emphasis on late effects, Reviewed by Denman DL, (Radiology), 155: 804, 1985
- Stringer D, multiple choice questions in radiology, Reviewed by Wopperer DP, (Radiology), 152: 304, 1984
- Sty JR; Hernandez RJ; Starshak RJ, body imaging in pediatrics, Reviewed by Lederman HM, (Radiology), **156**: 372, 1985
- Swischuk LE, differential diagnosis in pediatric radiology, Reviewed by Wood BP, (Radiology), 155: 314, 1985
- Swischuk LE, emergency radiology of the acutely ill or injured child. 2d ed., Reviewed by Ozonoff MB, (Radiology), 160: 496, 1986
- Tabar L; Dean PB, teaching atlas of mammography, Reviewed by Janus J, (Radiology), **154**: 592, 1985
- Taenzer V; Zeitler E, eds, contrast media in urography, angiography and computerized tomography, Reviewed by Ekholm SE, (Radiology), **151**: 574, 1984
- Takahashi S; Sakuma S; Kaneko M, eds, illustrated computed tomography: a practical guide to CT interpretations, Reviewed by Katz JK; Griffiths HJ, (Radiology), **151:** 438, 1984
- Tanner JM; Whitehouse RH; Cameron N; anner JM; Whitehouse RH; Cameron N; Marshall WA; Healy MJR; Goldstein H, assessment of skeletal maturity and prediction of adult height (TW2 method). 2d ed., Reviewed by Ozonoff MB, (Radiology), 157: 148, 1985
- Tauxe WN; Dubovsky EV, nuclear medicine in clinical urology and nephrology, Reviewed by Fisher MF, (Radiology), 159: 736, 1986
- Thijn CJP, radiology of the hand, Reviewed by Cockshott WP, (Radiology), 161: 474, 1986
- Thrall JH; Swanson DP, diagnostic interventions in nuclear medicine, Reviewed by Weiss PE, (Radiology), **158**: 124, 1986
- Thurn P, ed, Herz-Grosse gefasse [heart and great vessels], vol. II of 7th ed. of Schinz: radiologische diagnostik in klinik und praxis [diagnostic radiology in clinical practice.], Reviewed by Oestreich AE, (Radiology), 152: 326, 1984
- (Radiology), 152: 326, 1984

  Thurn P, ed, harnsystem und mannliche genitalorgane, nebennierien, retroperitonealraum—gynakologie und geburtshilfe—lymphystem (urinary tract, male genitalia, adrenals, retroperitoneum; obstetrics and gynecology; lymphatic system), Reviewed by Oestreich AE, (Radiology), 158: 392, 1986
- Trenta A; Pavlica P; Stasi G; Tonti R; Viglietta G, diagnostic ultrasound of the lower abdomen, Reviewed by Bisker J, (Radiology), 158: 342, 1986
- Treves ST, pediatric nuclear medicine, Reviewed by Conway JJ, (Radiology), **157**: 794, 1985
- Trial R; Bacques O; Plainfosse M-C; Blery M; Chevrot A, os et articulations—pathologie regionale (bones and joints—regional pathology). vol. 12 of traite de radiodiagnostic, Reviewed by Oestreich AE, (Radiology), **152**: 240, 1984
- Tristant H: Benmussa M. atlas d'hysterosalpingographie (atlas of hysterosalpingography). 2d ed., Reviewed by Gatewood OMB, (Radiology), 155: 598,
- Troupin RH, diagnostic imaging in clinical medicine. 3d ed., Reviewed by Cuttino JT Jr, (Radiology), **158**: 778, 1986
- Tsai FY; Teal JS; Hieshima GB, neuroradiology of head trauma, Reviewed by Hammerschlag SB, (Radiology), 153: 434,
- U.S. Department of Health & Human Services, utilization of diagnostic x-ray examinations, Reviewed by Griffiths HJ, (Radiology), 152:

- Vaeth JM; Meyer J, eds, cancer and the elderly, Reviewed by Steinfeld AD, (Radiology), 161: 656, 1986
- van Breda A; Katzen BT, digital subtraction angiography: practical aspects, Reviewed by Gerlock AJ Jr, (Radiology), 161: 544, 1986
- van Engelshoven JMA, computed tomography in gynaecological malignancies, Reviewed by McLoughlin MJ, (Radiology), 151: 438, 1984
- Vasile N, ed, tomodensitometrie corps entier (computed tomography of the body), Reviewed by Brody AS, (Radiology), 158: 694, 1986
- Wackenheim A, cervico-occipital joint (RX, CT), Reviewed by Simon J, (Radiology), **161**: 118, 1986
- Wagner LK; Lester RG; Saldana LR, exposure of the pregnant patient to diagnostic radiations: guide to medical management, Reviewed by Fischer HW, (Radiology), 160:
- Wahner HW, ed, nuclear medicine: quantitative procedures, Reviewed by Spiers EW, (Radiology), **151**: 498, 1984
- Walsh JW, ed, computed tomography of the pelvis, Reviewed by Weiss SL, (Radiology), 159: 114, 1986
- Watanabe H; Makuuchi M, eds, interventional real-time ultrasound, Reviewed by Gerlock AJ Jr, (Radiology), **159**: 630, 1986
- Wegener OH, whole body computerized tomography, Reviewed by Mare K, (Radiology), 152: 496, 1984
- Weill FS; Bihr E; Rohmer P; Zeltner F l'ultrasonographie renale (renal ultrasound). 2d ed., Reviewed by Vu D, (Radiology), 160:
- Weill FS, l'ultrasonographie en pathologie digestive (ultrasound of digestive pathology). 3d ed., Reviewed by Pantoja E, (Radiology), 161: 152, 1986
- Weisberg L; Nice C; Katz M, cerebral computed tomography: a text atlas. 2d ed., Reviewed by Gyldensted C, (Radiology), 153: 704, 1984
- Weissman A; Clot M; Grellet J, double contrast examination of the colon: principles and practice, Reviewed by Olmsted WW, (Radiology), 160: 32, 1986
- Weissman SD, radiology of the foot, Reviewed by Griffiths HJ, (Radiology), **154**: **54**, 1985
- Weitzel D; Dinkel E; Dittrich M; Peters H, padiatrische ultraschalldiagnostik (pediatric ultrasound diagnosis), Reviewed by Oestreich AE, (Radiology), **155**: 750, 1985
- Wende S; Thelen M eds., kernspin-tomographie in der medizin, Reviewed by Gothlin J, (Radiology), **152**: 112, 1984
- Whalen JP; Balter S, radiation risks in medical imaging, Reviewed by Carrier R, (Radiology), **153**: 838, 1984
- Whitehouse GH; Worthington BS, techniques in diagnostic radiology, Reviewed by Martin DS, (Radiology), 155: 72, 1985
- Wiedemann W; Borner W, ultraschalldiagnostik bei schiddrusenerkrankungen (sonographic diagnosis of thyroid diseases), Reviewed by Kircher K, (Radiology), 157: 512, 1985
- Wilkins RA; Viamonte M Jr, interventional radiology, Reviewed by Katzen BT, (Radiology), 152: 658, 1984
- Wilson GH, current radiology, Reviewed by Hanafee WN, (Radiographics), 4: 1011, 1984
- Wilson GH; Hanafee WN, eds, current radiology, Reviewed by Griffiths HJ, (Radiographics), 4: 1014, 1984
- Winkler C, ed, nuclear medicine in clinical oncology: current status and further aspects, Reviewed by O'Mara RE, (Radiology), 161: 652, 1986
- Wolfe RD, knee arthrography: a practical approach, Reviewed by El-Khoury GY, (Radiology), **153**: 610, 1984
- World Health Organization, rational approach to radiodiagnostic investigations. no. 689 in the World Health Organization technical report series, Reviewed by Griffiths HJ, (Radiology), 152: 44, 1984
- World Health Organization, environmental health criteria 22: ultrasound, Reviewed by Roe S, (Radiology), **152**: 502, 1984

Wu KK, diagnosis and treatment of benign and malignant monostotic tumors of the spine, Reviewed by Daffner RH, (Radiology), 157: 624, 1985

Yamada H, pediatric cranial computed tomography, Reviewed by Han BK, (Radiology), 155: 644, 1985

Yiu-Chiu VS; Chiu LC, atlas of obstetrical ultrasonography, Reviewed by Borg SA, (Radiology), **152**: 142, 1984

Young SW, nuclear magnetic resonance imaging: basic principles, Reviewed by Lieberman S, (Radiology), 153: 452, 1984 Young SW; Bartrum RJ Jr, financial

independence: doctor's guide, Reviewed by O'Mara RE, (Radiology), 161: 706, 1986

Zeitler E, kernspintomographie: einf≪ac03uhrung f≪ac03ur ≪ac03arzte und medizinstudenten (magnetic resonance imaging; an introduction for physicians and medical students), Reviewed by Oestreich AE, (Radiology), 159: 704, 1986

Zwiebel WJ, ed, introduction to vascular ultrasonography, Reviewed by Holen J, (Radiology), 154: 442, 1985

#### **Bowel**

See Intestines

#### **Brachial plexus**

computerized tomography of peripheral nerve lesions, Powers SK; Norman D; Edwards MSB, (Radiology), **152**: 262, 1984

Brachial plexus, CT

CT of the brachial plexus in patients with cancer, Cascino TL; Kori S; Krol G; et al, (Radiology), **152**: 856, 1984

#### Brain

See also Brain neoplasms; Head; Hydrocephalus; Meninges

multifocal central nervous system damage caused by toluene abuse, Lazar RB; Ho SU; Melen O; et al, (Radiology), 152: 557, 1984 positron emission tomograph to study brain metabolism in man, Garnett ES; Nahmias C; Kenyon DB; et al, (Radiology), 150: 872, 1984

# Brain, abnormalities

abnormalities of the neonatal cerebral ventricles, Blumhagen JD; Mack LA, (Radiol Clin North Am), 23: 13, 1985

antenatal diagnosis of frontal cephalocele in a fetus with atelosteogenesis, Chervenak FA; Isaacson G; Rosenberg JC; et al, (J Ultrasound Med), 5: 111, 1986

cephaloceles: clinical and neuroradiological appearance. associated cerebral malformations, Diebler C; Dulac O, (Radiology), 151: 825, 1984

Chiari II malformation: part IV. the hindbrain deformity, Naidich TP; McLone DG; Fulling KH, (Radiology), 151: 824, 1984

chronic cerebral herniation in shunted Dandy-Walker malformation, Naidich TP; Radkowski MA; McLone DG; Leestma J, (Radiology), **158**: 431, 1986

colpocephaly: clinical, radiologic, and pathogenetic aspects, Herskowitz J; Rosman NP; Wheeler CB, (Radiology), 161: 864, 1986

computed tomographic appearance of lissencephaly syndromes, Dobyns WB; McCluggage CW, (AJNR), 6: 545, 1985

computed tomography of the cranio-cervical junction in children, Harwood-Nash DC, (Radiology), **153**: 565, 1984

congenital constriction of the foramen of Monro, Marions O; Boethius J, (Neuroradiol), 28: 275, 1986

cranial computed tomographic abnormalities in leptomeningeal metastasis, Lee Y-Y; Glass JP; Geoffray A; et al. (AJNR), 5: 559, 1984

cranio-cervical growth collision: another explanation of the Arnold-Chiari malformation and of basilar impression, Roth M, (Neuroradiol), 28: 187, 1986

cryptic structural lesions in refractory partial epilepsy: MR imaging and CT studies, Ormson MJ; Kispert DB; Sharbrough FW; Houser OW; Earnest F IV; Scheithauer BW; Laws ER Jr, (Radiology), 160: 215, 1986

Dandy-Walker malformation. a review of 40 cases, Hirsch J; Pierre-Kahn A; Renioer D; et al, (Radiology), **155**: 550, 1985

detection of heterotopic gray matter in children by magnetic resonance imaging, Dunn V; Mock T; Bell WE; et al, (Magn Res Imag), 4: 33, 1986

exencephaly: sonographic findings and radiologic-pathologic correlation, Cox GG; Rosenthal SJ; Holsapple JW, (Radiology), 155: 755, 1985

fetal cisterna magna, Mahony BS; Callen PW; Filly RA; Hoddick WK, (Radiology), **153**: 773, 1984

773, 1984 importance of karyotype determination in a fetus with ventriculomegaly and spina bifida discovered during the third trimester, Chervenak FA; Goldberg ID; Chiu T-H; et al, (J Ultrasound Med), 5: 405, 1986 lissencephaly: computed tomographic diagnosis, Williams IP; Joslyn JN, (Radiology), 150: 865, 1984

morphometric CT study of Down's syndrome showing small posterior fossa and calcification of basal ganglia, Ieshima A; Kisa T; Yoshino K; et al, (Radiology), **156**:

MR evaluation of Chiari I malformations at 0.15 T, Spinos E; Laster DW; Moody DM; et al, (AJNR), 6: 203, 1985

MR imaging and positron emission tomography of cortical heterotopia, Bairamian D; Di Chiro G;

Theodore WH; et al, (JCAT), 9: 1137, 1985 MR imaging of Hallervorden-Spatz disease, Littrup PJ; Gebarski SS, (JCAT), 9: 491, 1985

MR imaging of heterotopic gray matter, Deeb ZL; Rothfus WE; Maroon JC, (JCAT), 9: 1140, 1985

MR imaging of pediatric cerebral abnormalities, Han JS; Benson JE; Kaufman B; et al, (JCAT), 9: 103, 1985

nasopharyngeal brain heterotopis—a cause of upper airway obstruction in infancy, Seibert RW; Seibert JJ; Jimenez JF; et al, (Radiology), 155: 276, 1985

normal, absent, and abnormal corpus callosum: sonographic findings, Babcock DS, (Radiology), **151**: 449, 1984

oculocerebrocutaneous syndrome, Wilson RD; Traverse L; Hall JG; et al, (Radiology), 157:

periventricular leukomalacia in the pre-term newborn infant: sonographic and clinical features, Bowerman RA; Donn SM; DiPietro MA; D'Amato CJ; Hicks SP, (Radiology), **151**: 383, 1984 position of cerebellar tonsils in the normal

population and in patients with Chiari malformation: quantitative approach with MR imaging, Aboulezz AO; Sartor K; Geyer CA; et al., (JCAT), 9: 1033, 1985

posterior fossa lesions: magnetic resonance imaging, Lee BCP; Kneeland JB; Deck MDF; Cahill PT, (Radiology), 153: 137, 1984 schizencephaly, Williams JP; Blalock CP; Dunaway CL; et al, (Radiology), **150**: 289,

schizencephaly: a clinical and CT study, Miller GM; Stears JC; Guggenheim MA; et al, (Radiology), 155: 279, 1985

schizencephaly: rare cerebral malformation demonstrated by sonography, DiPietro MA; Brody BA; Kuban K; et al, (AJNR), 5: 196,

septooptic dysplasia (de Morsier syndrome), Williams JL; Faerber EN, (J Ultrasound Med), 4: 265, 1985

significance of cerebellar tonsillar position on MR, Barkovich AJ; Wippold FJ; Sherman JL; et al, (AJNR), 7: 795, 1986

sinus pericanii and venous angioma in the blue-rubber bleb nevus syndrome, Sherry RG; Walker ML; Olds MV, (AJNR), 5: 832, 1984

sonographic recognition of lissencephaly (agyria), Ramirez RE, (AJNR), 5: 830, 1984 thin-section CT of midbrain abnormalities in

progressive supranuclear palsy, Masucci EF; Borts FT; Smirniotopoulos JG; et al, (AJNR), 6: 767, 1985

value of sagittal sonography and direct sagittal CT of the Dandy-Walker syndrome, Groenhout CM; Gooskens RH; Veiga-Pires JA; et al, (AJNR), 5: 476, 1984

#### Brain, abscess

actinomycotic brain abscess: CT findings, Millan JM; Escudero L; Roger RL; et al, (JCAT), 9: 976, 1985

clinical stages of human brain abscesses on serial CT scans after contrast infusion. computerized tomographic, neuropathological, and clinical correlations, Britt RH; Enzmann DR, (Radiology), **152**: 853, 1984

considerations of radiation dose in the

considerations of radiation dose in the management of intracranial abscesses by computed tomography, Moseley IF; Zilkha E, (Radiology), 153: 853, 1984 CT-guided needle placement in the central nervous system: results in 146 consecutive patients, Moran CJ; Naidich TP; Marchosky JA, (AJNR), 5: 419, 1984 evaluation of contrast-enhanced MR imaging in a brain-abscess model, Runge VM; Clanton JA; Price AC; et al, (AJNR), 6: 139, 1985

experimental intracranial septic infarction: magnetic resonance enhancement, Grossman RI; Joseph PM; Wolf G; Biery D; McGrath J; Kundel HL; Fishman JE; Zimmerman RA; Goldberg HI; Bilaniuk LT, (Radiology), 155: 649, 1985

(Nationgy), 335: 649, 1793 experimental Staphylococcus aureus brain abscess, Enzmann DR; Britt RR; Obana WG; et al. (AJNR), 7: 395, 1986 nonspecificity of ring enhancement in "medically cured" brain abscess, Dobkin JF; Healton EB; Dickenson T; et al. (Radiology), 153: 276, 1984

positive indium-111 leukocyte scan in nocardia brain abscess, Bauman JM; Osenbach R; Hartshorne MF; et al, (J Nucl Med), 27: 60, 1986

zubdural empyema: CT findings, Zimmerman RD; Leeds NE; Danziger A, (Radiology), **150**: 417, 1984

#### Brain, air embolism

CT in iatrogenic cerebral air embolism, Jensen ME; Lipper MH, (AJNR), 7: 823, 1986

anterior commissure: anatomic-MR correlation and use as a landmark in three orthogonal planes, Naidich TP; Daniels DL; Pech P; Haughton VM; Williams AL; Pojunas KW,

(Radiology), 158: 421, 1986
calcar avis: demonstration with cranial US,
DiPietro MA; Brody BA; Teele RL,
(Radiology), 156: 363, 1985

computer assisted mapping in quantitative analysis of cerebral positron emission tomograms, Herholz K; Pawlik G; Wienhard K; et al, (JCAT), 9: 154, 1985

CT identification of cortical speech areas in the human brain, Gelbert F; Bergvall U; Salamon G; et al, (JCAT), 10: 39, 1986

fetal cisterna magna, Mahony BS; Callen PW; Filly RA; Hoddick WK, (Radiology), 153:

magnetic resonance imaging of the brainstem: normal structure and basic functional anatomy, Flannigan BD; Bradley WG Jr; Mazziotta JC; Rauschning W; Bentson JR; Lufkin RB; Hieshima GB, (Radiology), 154:

minimal asymmetry of the brain: normal variant, Shapiro R; Galloway SJ; Shapiro MD, (AJR), **147**: 753, 1986

proportional localization system for roportional localization system for anatomical interpretation of cerebral computed tomograms, Vanier M; Lecours AR; Ethier R; et al, (JCAT), 9: 715, 1985

stereotactic method of anatomical localization for positron emission tomography, Fox PT; Perimutter JS; Raichle ME, (JCAT), 9: 141,

ultrasonography of the fetal cerebellum, McLeary RD; Kuhns LR; Barr M Jr, (Radiology), **151**: 439, 1984

US anatomy of the posterior fossa in children: correlation with brain sections, Yousefzadeh DK; Naidich TP, (Radiology), 156: 353, 1985

#### Brain, aneurysm

See Aneurysm, cerebral

Brain, atrophy

cerebral computed tomography in uremic and hemodialyzed patients, Cusmano F; Savazzi GM, (JCAT), **10**: 567, 1986

clinical and CT parameters in degenerative cerebellar atrophy in aged patients, Andreula CF; Camicia M; Lorusso A; et al, (Radiology), 153: 276, 1984

measurement of the area of the anterior horn of the right lateral ventricle for the diagnosis of brain atrophy by CT, Hirashima Y; Shindo K; Endo S, (Radiology), 151: 265, 1984

neonatal leukencephalopathy: common form of cerebral ischemia, Schellinger D; Grant EG; Richardson JD, (Radiographics), 5:

results of computerized tomography, psychometric testing and dietary studies in social drinkers with emphasis on reversibility after abstinence, Cala LA; Jones B; Burns P; et al, (Radiology), **151**: 825, 1984

#### Brain, biopsy

- brain gliomas: sonographic characterization, McGahan JP; Ellis WG; Budenz RW; Walter JP; Boggan JE, (Radiology), **159**: 485, 1986
- CT-guided biopsy for the detection and staging of tumors of the head and neck, Gatenby RA; Mulhern CB Jr; Richter MP; et al, (AJNR), 5: 287, 1984
- CT-guided needle placement in the central nervous system: results in 146 consecutive patients, Moran CJ; Naidich TP; Marchosky JA, (AJNR), 5: 419, 1984
- intraoperative sonography through a Burr hole: guide for brain biopsy, Enzmann DR; Irwin KM; Marshall WH; et al, (AJNR), 5: 243, 1984
- NMR relaxation times from serial stereotactic biopsies in human brain tumors, Le Bas JF; Leviel JL; Decorps M; et al, (JCAT), 8: 1048, 1984
- stereotaxic biopsy of the brain under MR imaging control, Thomas DGT; Davis CH; Ingram S; et al, (AJNR), 7: 161, 1986

#### Brain, calcification

- calcification in cerebral infarction, Kapila A, (Radiology), 153: 685, 1984
- computed tomography of cerebrovascular calcifications in postsurgical hypoparathyroidism, Bhimani S; Sarwar M; Virapongse C; et al, (JCAT), 9: 121, 1985
- computed tomography of the "armored brain", Ludwig B; Nix W; Lanksch W, (Radiology), 151: 267, 1984
- CT demonstration of calcification within old cerebral infarcts, Kuzuhara S; Naito Y; Namura Y; et al, (JCAT), 9: 268, 1985
- detection of intracranial calcifications by MR, Oot RF; New PFJ; Pile-Spellman J; et al, (AJNR), 7: 801, 1986
- intracranial calcification in adults with chronic lead exposure, Reyes PF; Gonzalez CF; Zalewska MK; et al, (AJNR), 6: 905, 1985
- intracranial calcification in children with osteopetrosis caused by carbonic anhydrase II deficiency, Cumming WA; Ohlsson A, (Radiology), 157: 325, 1985
- intracranial calcification in paediatric computed tomography, Kendall B; Cavanagh N, (Neuroradiol), 28: 324, 1986
- intracranial calcification in survivors of childhood medulloblastoma, Pearson ADJ; Campbell AN; McAllister VL; et al, (Radiology), 150: 613, 1984
- intracranial calcification in the infant and neonate: evaluation by sonography and CT, Grant EG, Williams AL, Schellinger D; Slovis TL, (Radiology), 157: 63, 1985
- MR imaging in Fahr disease, Scotti G; Scialfa G; Tampieri D; et al, (JCAT), 9: 790, 1985
- MR imaging of calcified intracranial lesions, Holland BA: Kucharcyzk W; Brant-Zawadzki M; Norman D; Haas DK; Harper PS, (Radiology), 157: 353, 1985
- physiological calcification of the septum pellucidum, Sakai H; Nakamura N, (Neuroradiol), 28: 173, 1986
- pineal germinoma: MR imaging, Kilgore DP; Strother CM; Starshak RJ; Haughton VM, (Radiology), **158**: 435, 1986
- suprasellar masses, Chambers AA; Lukin RR; Tomsick TA, (Semin Roentgenol), 19: 84, 1984

#### Brain, CT

- abnormal CT scan in a patient with Gilles de la Tourette syndrome, Kjaer M; Boris P; Hansen LG, (Neuroradiol), **28**: 362, 1986
- acute subarachnoid hemorrhage: in vitro comparison of magnetic resonance and computed tomography, Chakeres DW; Bryan RN, (AJNR), 7: 223, 1986
- acute subdural hematomas: atypical CT findings, Reed D; Robertson WD; Graeb DA; et al, (AJNR), 7: 417, 1986
- cerebral computed tomography in uremic and hemodialyzed patients, Cusmano F; Savazzi GM, (JCAT), 10: 567, 1986

- cerebral vasculitis secondary to Wegener's granulomatosis: computed tomography and angiographic findings, Yamashita Y; Takahashi M; Bussaka H; et al, (CT), 10: 115, 1986
- computed tomographic scan hemispheric asymmetries in right- and left-handed male and female subjects, Koff E; Naeser MA; Pieniadz JM; et al, (Radiology), 160: 860, 1986
- computed tomographic spectrum of cerebral cysticercosis, Byrd SE; Daryabagi J; Thompson R; et al, (Radiology), 157: 855, 1985
- computed tomography evolution of multicystic encephalomalacia, Smith RR; Savolaine ER, (CT), **10**: 249, 1986
- computed tomography in global cerebral cortical ischemia of the neonate and young infant, Swartz JD; Soyer A; Brown LW; et al, (CT), 10: 243, 1986
- computed tomography of anterior inferior cerebellar artery aneurysm mimicking an acoustic neuroma, Dalley RW; Robertson WD; Nugent RA; et al, (JCAT), 10: 881, 1986
- computed tomography of intracranial gangliogliomas, Dorne HL; O'Gorman AM; Melanson D, (AJNR), 7: 281, 1986
- computer-interactive method for quantifying cerebrospinal fluid and tissue in brain CT scans: effects of aging, Pfefferbaum A; Zatz LM; Jernigan TL, (JCAT), 10: 571, 1986
- contrast enhancement of brain tumors and irradiated normal brain: comparison of iohexol and iothalamate, Fike JR; Cann CE; Turowski K; et al, (Neuroradiol), 28: 61, 1986
- cranial computed tomographic findings in patients with neurologic manifestations of systemic lupus erythematosus, Weisberg LA, (Comput Radiol), 10: 63, 1986
- cranial CT in acquired immunodeficiency syndrome: spectrum of diseases and optimal contrast enhancement technique, Post MJD; Kursunoglu SJ; Hensley GT; et al, (AJNR), 6: 743, 1985
- craniofacial mucormycosis: assessment with CT, Gamba JL; Woodruff WW; Djang WT; Yeates AE, (Radiology), **160**: 207, 1986
- CT and MR imaging in neuro-Behcet disease, Willeit J; Schmutzhard E; Aichner F; et al, (JCAT), 10: 313, 1986
- CT changes in dementing diseases: review, LeMay M, (AJNR), 7: 841, 1986
- CT findings in temporal arteritis: report of two cases, Karacostas D; Taskos N; Tsounis S; et al, (Neuroradiol), 28: 373, 1986
- CT identification of cortical speech areas in the human brain, Gelbert F; Bergvall U; Salamon G; et al, (JCAT), 10: 39, 1986
- CT in iatrogenic cerebral air embolism, Jensen ME; Lipper MH, (AJNR), 7: 823, 1986
- CT of the brain in acute carbon monoxide intoxication: characteristic features and prognosis, Miura T; Mitomo M; Kawai R; et al. (AJNR), 6: 739, 1985
- CT visualization of ruptured Berry aneurysm within hematoma: flip-flop sign, McCormack J; Peyster RG; Brodner RA; et al, (JCAT), 10: 28, 1986
- focal vulnerability of developing brain: CT studies on disproportionally dilated lateral ventricles, Nishimura M; leshima A; Takashima S; et al, (Neuroradiol), 28: 30, 1986
- fully-automated computer-assisted method of CT brain scan analysis for the measurement of cerebrospinal fluid spaces and brain absorption density, Baldy RE; Brindley GS; Ewusi-Mensah I; et al, (Neuroradiol), 28: 109, 1986
- human brain infarcts: imaging by MR enhanced Gd-DTPA, Virapongse C; Mancuso AA; Quisling RG, (Radiology), **161**: 785, 1986
- hypodense white matter lesions in computed tomography of neurosarcoidosis, Ketonen L; Oksanen V; Kuuliala I; et al, (JCAT), 10: 181, 1986
- improvements in SPECT technology for cerebral imaging, Esser PD, (Semin Nucl Med), **15**: 335, 1985
- infantile sudanophilic leukodystrophy: computed tomography demonstration, Sano N; Nagao H; Morimoto M; et al, (Neuroradiol), **28**: 170, 1986

- integrated stereotaxic imaging with CT, MR imaging, and digital subtraction angiography, Peters TM; Clark JA; Olivier A; Marchand EP; Mawko G; Dieumegarde M; Muresan LV; Ethier R, (Radiology), 161: 821, 1986
- intracranial tumors: unexpected uptake of I-123 HIPDM, McVeigh MC; Merchut MP; Karesh SM; Ghobrial MW; Dillehay DL, (Radiology), 161: 409, 1986
- leukoencephalopathy in normal and pathologic imaging: 1. CT of brain lucencies, George AE; De Leon MJ; Gentes CI; et al, (AJNR), 7: 561, 1986
- magnetic resonance tomography and computed tomography of the brain for diagnosing Wilson's disease, Uhlenbrock D; Straube A; Beyer HK; et al, (Radiology), 159: 573.1986
- meningovascular syphilis: CT and MR findings, Holland BA; Perrett LV; Mills CM, (Radiology), **158**: 439, 1986
- minimal asymmetry of the brain: normal variant, Shapiro R; Galloway SJ; Shapiro MD, (AJR), **147**: 753, 1986
- MR and CT in cytoplasmically inherited striatal degeneration, Seidenwurm D; Novotny E Jr; Marshall W; et al, (AJNR), 7: 629, 1986
- MR and CT of occult vascular malformations of the brain, New PFJ; Ojemann RG; Davis KR; et al, (AJNR), 7: 771, 1986
- multiple sclerosis: gadolinium enhancement in MR imaging, Grossman RI; Gonzalez-Scarano F; Atlas SW; Galetta S; Silberberg DH, (Radiology), **161**: 721, 1986
- organized intracerebral hematoma with acute hemorrhage: CT patterns and pathologic correlations, Lee Y-Y; Moser R; Bruner JM; et al, (AJNR), 7: 409, 1986
- postcraniectomy site: CT appearance, Lanzieri CF; Som PM; Sacher M; Solodnik P; Moore F, (Radiology), 159: 165, 1986
- prognostic factors in intraparenchymatous hematoma with ventricular hemorrhage, Ruscalleda J; Peiro A. (Neuroradiol), 28: 34, 1986
- radiology of the ambient cistern. part II: pathology, Chakeres DW; Kapila A; LaMasters D, (Neuroradiol), 28: 4, 1986
- statistical assessment of perceptual CT scan ratings in patients with Alzheimer type dementia, LeMay M; Stafford JL; Sandor T; et al, (JCAT), 10: 802, 1986
- symmetrical low density areas in bilateral thalami in an infant with measles encephalitis, Ochi J; Okuno T; Uenoyama Y; et al, (Comput Radiol), **10**: 137, 1986
- thin-section CT of midbrain abnormalities in progressive supranuclear palsy, Masucci EF; Borts FT; Smirniotopoulos JG; et al, (AJNR), 6: 767, 1985
- usefulness of computed tomography in predicting outcome after aneurysmal subarachnoid hemorrhage: a preliminary report of the cooperative aneurysm study, Adams HP Jr; Kassell NF: Torner JC, (Radiology), 160: 286, 1986

#### Brain, cysts

- abnormal CT scan in a patient with Gilles de la Tourette syndrome, Kjaer M; Boris P; Hansen LG, (Neuroradiol), 28: 362, 1986
- computed tomography in intra- and suprasellar epithelial cysts (symptomatic Rathke cleft cysts), Okamoto S; Handa H; Yamashita J; et al, (AJNR), 6: 515, 1985
- CT-guided needle placement in the central nervous system: results in 146 consecutive patients, Moran CJ; Naidich TP; Marchosky JA, (AJNR), 5: 419, 1984
- cysticercosis cerebralis in the computed tomogram, Morantes JG; Guerra RR; Campa Nunez HK; et al, (Radiology), 151: 267, 1984
- cystic intracranial lesions: magnetic resonance imaging, Kjos BO; Brant-Zawadzki M; Kucharczyk W; Kelly WM; Norman D; Newton TH, (Radiology), 155: 363, 1985
- dense dermoids in craniocervical region, Cecchini A; Pezzotta S; Paoletti P; et al, (Radiology), **150**: 865, 1984
- diagnosis of ependymal intraventricular cysts of the third ventricle by computed tomography, Servo A; Porras M; Jaaskinen J, (Radiology), 151: 265, 1984

diagnosis of masses presenting within the ventricles on computed tomography, Kendall BE; Reider-Grosswasser I; Valentine AR, (Radiology), **151**: 265, 1984

efficacy of intraoperative US for evaluating intracranial masses, Rubin JM; Dohrmann GJ, (Radiology), **157**: 509, 1985

fetal cisterna magna, Mahony BS; Callen PW; Filly RA; Hoddick WK, (Radiology), 153:

intraventricular cysticercal cysts: further neuroradiologic observations and neurosurgical implications, Zee C-S; Segall HD; Apuzzo MLJ; et al, (AJNR), 5: 727, 1984

intraventricular mass lesions, Morrison G; Sobel DF; Kelley WM; Norman D, (Radiology), **153:** 435, 1984

(Managary), 135: 435, 1394 neonatal leukencephalopathy: common form of cerebral ischemia, Schellinger D; Grant EG; Richardson JD, (Radiographics), 5: 221, 1985

neurosonographic recognition of subependymal cysts in high-risk neonates, Clair MR; Zalneraitis EL; Baim RS; et al, (AJR), 144: 377, 1985

spontaneous intrauterine resolution of intraventricular cystic masses, Friday RO; Schwartz DB; Tuffli GA, (J Ultrasound Med), 4: 385 1985

suprasellar masses, Chambers AA; Lukin RR; Tomsick TA. (Semin Roentgenol), 19: 84,

#### Brain, death

radionuclide brain perfusion studies in suspected brain death, Kuni CC; Rogge DM, (Clin Nucl Med), 11: 551, 1986

### Brain, dilatation

effect of ventricular dilatation upon biometry of the fetal head, Callen PW; Chooljian D, (J Ultrasound Med), 5: 17, 1986

#### Brain, diseases

Alzheimer's disease: focal cortical changes shown by positron emission tomography, Foster NL; Chase TN; Fedio P; et al, (Radiology), **151:** 551, 1984

ataxic Creutzfeldt-Jakob disease: diagnostic taxic Creutzietur-Jakob unsease: unagnosic techniques and neuropathologic observations in early disease, Jones HR Jr; Hedley-Myty ET; Freidberg SR; et al, (Radiology), 157: 855, 1985

bicaudate diameter—the most specific and simple CT parameter in the diagnosis of Huntington's disease, Stober T; Wussow W; Schimrigk K, (Radiology), 153: 277, 1984

brain imaging: aging and dementia, Cutler NR; Duara R; Creasey H; et al, (Radiology), **154:** 277, 1985

carotid Doppler evaluation in cerebrovascular disease, D'Alton JG; Norris JW, (Radiology), 152: 855, 1984

central nervous system disease in acquired immunodeficiency syndrome: prospective correlation using CT, MR imaging, and pathologic studies, Post MJD; Sheldon JJ; Hensley GT; Soila KP; Tobias JA; Chan JC; Quencer RM; Moskowitz LB, (Radiology), 158: 141, 1986

central pontine myelinolysis: demonstration by nuclear magnetic resonance, De Witt LD; Buonanno FS; Kistler JP; et al, (Radiology), 154: 563, 1985

cerebral amyloid angiopathy, Cosgrove GR; Leblanc R; Meagher-Villemure K; et al, (Radiology), **159**: 286, 1986

cerebral CT findings in methylmalonic and propionic acidemias, Gebarski SS; Gabrielsen TO; Knake JE; et al, (Radiology), 152: 553, 1984

computed tomographic changes of hypertensive encephalopathy, Weingarten KL; Zimmerman RD; Pinto RS; et al, (AJNR), 6: 395, 1985

computed tomographic spectrum of cerebral cysticercosis, Byrd SE; Daryabagi J; Thompson R; et al, (Radiology), **157**: 855,

cranial computed tomographic findings in patients with neurologic manifestations of systemic lupus erythematosus, Weisberg LA, (Comput Radiol), 10: 63, 1986 CT and MR imaging in neuro-Behcet disease, Willeit J; Schmutzhard E; Aichner F; et al, (JCAT), 10: 313, 1986

cystic periventricular leukomalacia: sonographic and CT findings, Schellinger D; Grant EG; Richardson JD, (AJNR), 5: 439, does movamova disease cause subarachnoid hemorrhage? review of 54 cases with intracranial hemorrhage confirmed by computerized tomography, Aoki N; Mizutani H, (Radiology), 153: 569, 1984

Mizutani H. (Radiology). 153: 569, 1984 encephalo-angiomatosis in black children. a report of 2 cases, Rudolph J; Joubert M, (Radiology), 152: 849, 1984 evolution of central pontine myelinolysis on CT, Rosenbloom S; Buchholz D; Kumar AJ; et al. (AJNR), 5: 110, 1984 factors affecting outcome in hypoxic-ischemic encephalopathy in term infants, Finer NN; Robertson CM; Peters KL; et al. (Radiology), 150: 613, 1984 150-613 1984

granulomatous angiitis presenting as chronic meningitis and ventriculitis, Reik L Jr; Grunnet ML; Spencer RP; et al, (Radiology), 152: 854, 1984

hypodense white matter lesions in computed tomography of neurosarcoidosis, Ketonen L; Oksanen V; Kuuliala I; et al, (JCAT), 10: 181,

hypoxic-ischemic encephalopathy in term infants: diagnosis and prognosis evaluated by ultrasound, Siegel MJ; Shackelford GD; Perlman JM; Fulling KH, (Radiology), **152**: 395, 1984

infantile sudanophilic leukodystrophy: computed tomography demonstration, Sano N; Nagao H; Morimoto M; et al, (Neuroradiol), 28: 170, 1986

Sailo V, Nagava P, Morinoto M, et al, (Neuroradiol), 28: 170, 1986 intracerebral toxoplasmosis in patients with acquired immune deficiency syndrome, Handler M; Ho V; Whelan M; et al, (Radiology), 152: 854, 1984 intracranial actinomycoma with osteomyelitis simulating meningioma. case report, Khosia V K, Banerjee A K, Chopra J S, (Radiology), 152: 855, 1981 intracranial tuberous sclerosis in infancy, Legge M; Sauerbrei EE; Macdonald A, (Radiology), 153: 667, 1984 late-onset Hallervorden-Spatz disease presenting as familial Parkinsonism, Jankovic J; Kirkpatrick J B; Blomquist KA; et al, (Radiology), 157: 855, 1985

1985 leukoencephalopathy in normal and pathologic aging: 2. MRI of brain lucencies, George AE; de Leon MJ; Kalnin A; et al, (AJNR), 7: 567, 1986

(AJNR), 7: 567, 1986 leukoencephalopathy in normal and pathologic imaging: 1. CT of brain lucencies, George AE; De Leon MJ; Gentes CI; et al, (AJNR), 7: 561, 1986 melanosis and hydrocephalus. report of four cases, Humes RA; Roskamp J; Eisenbrey AB, (Radiology), 155: 550, 1985 MR and CT in cytoplasmically inherited striatal degeneration, Seidenwurm D; Novotny E Jr; Marshall W; et al, (AJNR), 7: 629, 1986 MR diagnosis of acute disseminated

no.27, 1986
MR diagnosis of acute disseminated encephalomyelitis, Atlas SW; Grossman RI; Goldberg HI; et al. (JCAT), 10: 798, 1986
MRI in children with postinfectious disseminated encephalomyelitis, Dunn V; Bale JE Ir Zimmerman RA: et al. (Mann Post)

cusseminated encephatomyeitus, Dunn v; Bale JF Jr; Zimmerman RA; et al, (Magn Res Imag), 4: 25, 1986 mucolipidosis I, Cibis GW; Harris DJ; Chapman AL; et al, (Radiology), 150: 859, 1984

multiple system atrophy (Shy-Drager syndrome): MR imaging, Pastakia B; Polinsky R; Di Chiro G; Simmons JT; Brown R; Wener L, (Radiology), **159**: 499,

neonatal leukencephalopathy: common form of cerebral ischemia, Schellinger D; Grant EG; Richardson JD, (Radiographics), 5: 221, 1985

221, 1985
neurosarcoidosis involving optic nerves and leptomeninges: computed tomography findings, Ey EH; Wall M;
Numaguchi Y; et al. (CT), 10: 129, 1986
neurosarcoidosis of the brain and meninges, Leeds NE; Zimmerman RD; Elkin CM; et al. (Semin Roentgenol), 20: 387, 1985
nuclear magnetic resonance tomography in Hallervorden-Spatz syndrome, Vogl TH;
Bauer M; Seiderer M; et al. (Radiology), 154: 564, 1985

504, 1985
Parkinson plus syndrome: diagnosis using high field MR imaging of brain iron, Drayer BP; Olanow W; Burger P; Johnson GA; Herfkens R; Riederer SJ, (Radiology), 159: 493, 1986
progressive multifocal leukoencephalopathy in acquired immune deficiency syndrome, Blue LIW; Chamber PA.

Blum LW; Chambers RA; Schwartzman RJ; et al, (Radiology), 157: 283,

specific CT findings in Krabbe disease, Kwan E; Drace J; Enzmann D, (AJNR), 5: 453, 1984

subcortical arteriosclerotic encephalopathy: CT spectrum and pathologic correlation, Lotz PR; Ballinger WE Jr; Quisling RG, (AJNR), 7: 817, 1986

#### Brain, edema

rain, edema: ultrasound examination, Smith SJ; Vogelzang RL; Marzano MI; Cerullo LJ; Gore RM; Neiman HL, (Radiology), 155: 379, 1985 central nervous system anoxic-ischemic insult

in children due to near drowning, Taylor SB; Quencer RM; Holzman BH; Naidich TP, (Radiolgoy), 156: 641, 1985 central nervous system hypoxia in children due to near drowning, Fitch SJ; Gerald B; Magill HL; Tonkin ILD, (Radiology), 156: 64711982

647, 1985

cerebral edema following iodine-131 therapy for thyroid carcinoma metastatic to the brain, Datz FL, (J Nucl Med), 27: 637, 1986

brain, Datz FL, (J Nucl Med), 27: 637, 1986 clinical and experimental vasogenic edema: in vivo sodium MR imaging, work in progress, Turski PA; Perman WH; Hald JK; Houston LW; Strother CM; Sackett JF, (Radiology), 160: 821, 1986 correlation of human NMR T<sub>1</sub> values measured in vivo and brain water content, MacDonald HL; Bell BA; Smith MA; et al., (Br J Radiol), 59: 335, 1986

fatal brain edema after contrast-agent overdose, Junck L; Marshall WH, (AJNR), 7: 522, 1986

MMR in experimental cerebral edema: value of T1 and T2 calculations, Brant-Zawadzki M; Bartkowski HM; Ortendahl DA; et al, (Radiology), 154: 856, 1985

observations on peritumoural oedema in meningioma, Stevens JM; Ruiz JS; Kendall BE, (Radiology), 151: 266, 1984

peritumoral edema in meningiomas: radiological and histological study, Bradac GB; Ferszt R; Bender A; et al, (Neuroradiol), 28: 304, 1986

significance of proton relaxation time measurement in brain edema, cerebral infarction and brain tumors, Naruse S; Horikawa Y; Tanaka C; et al, (Magn Res Imag), 4: 293, 1986

Brain, effects of irradiation on

brain radiation lesions: MR imaging, Dooms GC; Hecht 5; Brant-Zawadzki M; Berthiaume Y; Norman D; Newton TH, (Radiology), **158**: 149, 1986

contrast medium accumulation and washout in canine brain tumors and irradiated normal brain: a CT study of kinetics, Fike JR; Cann CE, (Radiology), 151: 115, 1984 effect of moderate level x-radiation to brain on

cerebral glucose utilization, Ito M; Patronas NJ; Di Chiro G; et al, (JCAT), **10**: 584, 1986 normal brain iodine-125 radiation damage:

ormai brain iodine-125 radiation damage: effect of dose and irradiated volume in a canine model, Turowski K; Fike JR; Cann CE; Higgins RJ; Davis RL; Gutin PH; Phillips TL; Weaver KA, (Radiology), 158: 833, 1986

Brain, gas embolism

cerebrovascular effects of intraarterial CO2 in quantities required for diagnostic imaging, Coffey R; Quisling RG; Mickle JP; Hawkins IF Jr; Ballinger WE, (Radiology), 151: 405, 1984

Brain, growth and development focal vulnerability of developing brain: CT studies on disproportionally dilated lateral ventricles, Nishimura M; leshima A; Takashima S; et al, (Neuroradiol), 28: 30,

MRI of normal brain maturation, Holland BA; Haas DK; Norman D; et al, (AJNR), 7: 201, 1986

ultrasonography of the fetal cerebellum, McLeary RD; Kuhns LR; Barr M Jr, (Radiology), **151:** 439, 1984

#### Brain, hematoma See Brain, hemorrhage

Brain, hemorrhage
Brain, hemorrhage
acute subdural hematomas: atypical CT
findings, Reed D; Robertson WD;
Graeb DA; et al, (AJNR), 7: 417, 1986
caudate hemorrhage, Weisberg LA,
(Radiology), 155: 858, 1985
cerebelly homorrhage, a register, and

cerebellar hemorrhage. a review and reappraisal of benign cases, Melamed N; Satya-Murti S, (Radiology), **153**: 853, 1984

- cerebral amyloid angiopathy as a cause of multiple intracerebral hemorrhages, Gilles C; Brucher JM; Khoubesserian P; et al, (Radiology), 154: 564, 1985
- cerebral amyloid angiopathy manifesting as recurrent intracerebral hemorrhage, Finelli PF; Kessimian N; Bernstein PW, (Radiology), 153: 853, 1984
- chronic subdural hematoma demonstration by magnetic resonance, Sipponen JT; Sepponen RE; Sivula AS, (Radiology), **150**: 79, 1984
- concurrent delayed temporal and posterior fossa epidural hematomas. case report, Cervantes LA, (Radiology), **151**: 550, 1984
- conservative management of intracranial extradural hematoma presenting late, Illingworth R; Shawdon H, (Radiology), 151: 268, 1984
- cooperative study of intracranial aneurysms and subarachnoid hemorrhage: long-term prognostic study, Sahs AL; Nishioka H; Torner JC; et al, (Radiology), **156**: 277, 1985
- coronal computerized angiotomography for the diagnosis of isodense chronic subdural hematoma, Asari S; Kunishio K; Suga M; et al, (Radiology), 155: 858, 1985
- cranial ultrasonography of neonatal periventricular/intraventricular hemorrhage: who, how, why and when? Kirks DR; Bowie JD, (Pediatr Radiol), 16: 114 1986
- CT visualization of ruptured Berry aneurysm within hematoma: flip-flop sign, McCormack J; Peyster RG; Brodner RA; et al, (JCAT), 10: 28, 1986
- delayed onset of traumatic extradural hematoma, Borovich B; Braun J; Guilburd JN; et al, (Radiology), **159**: 573,
- effect of methemoglobin formation on the MR appearance of subarachnoid hemorrhage, Bradley WG Jr; Schmidt PG, (Radiology), 156: 99, 1985
- efficacy of intraoperative US for evaluating intracranial masses, Rubin JM; Dohrmann GJ, (Radiology), 157: 509, 1985 extension of neonatal intraventricular
- hemorrhage, Levene MI; De Vries L (Radiology), 154: 852, 1985
- factor V deficiency and antenatal intraventricular haemorrhage, Whitelaw A; Haines ME; Bolsover W; et al, (Radiology), 155: 853, 1985
- 155: 853, 1985
  fatal intracranial extention of spinal
  hemorrhage after lumbar puncture,
  Walsh MN; Fischer GG; Anderson D; et al,
  (Radiology), 155: 859, 1985
  follow-up of infants receiving cranial
  ultrasound for intracranial hemorrhage,
  TeKolste KA; Bennett FC; Mack LA,
  (Radiology), 156: 857, 1985
- hemorrhage in cavum septi pellucidi, Vade A; McKusick M; Michael A, (Pediatr Radiol), 16: 417, 1986
- hemorrhagic primary intracranial neoplasms: clinical-computed tomographic correlations, Weisberg LA, (Comput Radiol), 10: 131, 1986
- high-field MRI of hemorrhagic cortical infarction, Hecht-Leavitt C; Gomori JM; Grossman RI; et al, (AJNR), 7: 581, 1986
- how to distinguish between bleeding and coagulated extradural hematomas on the plain CT scan, Peterson OF; Espersen JO, (Radiology), 155: 857, 1985
- infantile acute subdural hematoma. clinical analysis of 26 cases, Aoki N; Masuzawa H, (Radiology), **155**: 549, 1985
- intracerebral hemorrhage and oral amphetamine, Harrington H; Heller HA; Dawson D; et al, (Radiology), 151: 551, 1984
- intracerebral hemorrhage caused by cerebral amyloid angiopathy: radiographic-pathologic correlation, Wagle WA; Smith TW; Weiner M, (AJNR), **5**: 171, 1984
- intracerebral hemorrhage secondary to cerebral amyloid angiopathy, Patel DV; Hier DB; Thomas CM; Hemmati M, (Radiology), **151:** 397, 1984
- intracranial fluid-blood levels in the anticoagulated patient, Livoni JP; McGahan JP, (Radiology), **152**: 258, 1984
- intracranial hematomas: imaging by high-field MR, Gomori JM; Grossman RI; Goldberg HI; Zimmerman RA; Bilaniuk LT, (Radiology), 157: 87, 1985
- intracranial hematomas: imaging by high-field MR, Zimmerman RD; Deck MDF, (Radiology), **159**: 565, 1986

- intracranial hematomas: imaging by high-field MR: reply, Gomori JM; Grossman RI, (Radiology), 159; 566, 1986 intracranial hematomas studied by MR imaging at 0.17 and 0.02 T, Sipponen JT; Sepponen RE; Tanttu JI; et al, (JCAT), 9: 698, 1985
- intracranial hemorrhage and vitamin K deficiency in early infancy, Chaou W-T; Chou M-L; Eitzman DV, (Radiology), **156**: 273, 1985
- intracranial hemorrhage in hemophilic children. CT follow-up, Pettersson H; McClure P; Fitz CR, (Radiology), 155: 276,
- intracranial hemorrhage in neonates with erythroblastosis fetalis: sonographic and CT findings, Grant EG; Schellinger D; Grosso MA; et al. (AJNR), 5: 259, 1984 intracranial hemorrhage in the term newborn, Fenichel GM; Webster DL; Wong WKT, (Radiology), 152: 848, 1984
- (Radiology), 152: 965, 1764 intracranial subdural haematoma after metrizamide myelography, Dan NG, (Radiology), 153: 853, 1984
- intraventricular hemorrhage in the preterm neonate: timing and cerebral blood flow changes, Ment LR; Duncan CC; Ehrenkranz RA; et al, (Radiology), 153: 849,
- in utero sonographic diagnosis of intracerebral hemorrhage, Mintz MC; Arger PH; Coleman BG, (J Ultrasound Med), 4: 375,
- isolated ventricles following intraventricular hemorrhage, Eller TW; Pasternak JF, (Radiology), **158**: 284, 1986
- metastatic adenocarcinoma of the prostate as a cause of subdural hematoma, Bucci MN; Farhat SM, (Radiology), **160**: 858, 1986
- multiple cerebral hemorrhages following chymopapain chemonucleolysis. case report, Davis RJ; North RB; Campbell JN; et al, (Radiology), 154: 855, 1985
- natural history of neonatal periventricular/intraventricular hemorrhage and its complications: sonographic observations, Bowerman RA; Donn SM; Silver TM; et al, (AJNR), 5: 527,
- neonatal intracerebellar hemorrhage: detection by real-time ultrasound, Peterson CM; Smith WL; Franken EA,
- (Radiology), 150: 391, 1984
  neonatal intracranial hemorrhage and
  complicating hydrocephalus, Slabaugh RD;
  Smith JA; Lemons J; et al, (Radiology), 154:
- nuclear magnetic resonance imaging of CT-isodense subdural hematomas, Moon KL Jr; Brant-Zawadzki M; Pitts LH; et al, (AJNR), 5:
- nuclear magnetic resonance (NMR) imaging of intracerebral hemorrhage in the acute and resolving phases, Sipponen JT; Sepponen RE; Sivula AS, (Radiology), **152**: 560, 1984
- obstetric factors in the causation of early periventricular-intraventricular
- penventricular-intraventricular hemorrhage, Tejani N; Rebold B; Tuck S; et al, (Radiology), 155: 853, 1985 organized intracerebral hematoma with acute hemorrhage: CT patterns and pathologic correlations, Lee Y-Y; Moser R; Bruner JM; et al, (AJNR), 7: 409, 1986
- periventricular, intraventricular hemorrhages in the premature newborn. update on pathologic features, pathogenesis, and possible means of prevention, Goddard-Finegold J, (Radiology), 155: 853, 1985
- periventricular leukomalacia in combination with intraventricular hemorrhage: sonographic features and sequelae, Grant EG; Schellinger D; Smith Y; et al, (AJNR), 7: 443, 1986
- prevalence of diabetes mellitus among patients with subarachnoid hemorrhage, Adams HP; Putnam SF; Kassell NF; et al, (Radiology), 155: 858, 1985
- primary intracerebral hemorrhage: impact of CT on incidence, Drurym I; Whisnant JP; Garraway WM, (Radiology), **154**: 563, 1985
- prognostic factors in intraparenchymatous hematoma with ventricular hemorrhage, Ruscalleda J; Peiro A, (Neuroradiol), 28: 34,
- relationship of cerebral intraventricular hemorrhage and early childhood neurologic handicaps, Papile L-A; Munsick-Bruno G; Schaefer A, (Radiology), **152**: 253, 1984

- sequential MR studies of intracerebral hematomas in monkeys, Di Chiro G; Brooks RA; Girton ME; et al, (AJNR), 7: 193,
- sonographic diagnosis of subarachnoid hemorrhage in premature newborn infants: a retrospective study with histopathologic and CT correlation, Ennis MG; Kaude JV; Williams JL, (J Ultrasound Med), 4: 183, 1985
- sonographic diagnosis of subarachnoid hemorrhage in premature newborn infants: retrospective study with histopathologic and CT correlation, Ennis MG; Kaude JV; Williams JL, (Radiology), 157: 569, 1985
- onographic recognition of in utero intraventricular hemorrhage, McGahan JP; Haesslein HC; Meyers M; et al., (AJR), 142: 171.1984
- specular reflection arising from the ventricular wall: potential pitfall in the diagnosis of germinal matrix hemorrhage, Siedler DE; Mahony BS; Hoddick WK; et al, (J Ultrasound Med), 4: 109, 1985
- spin-echo MR imaging of intracranial hemorrhage, Dooms GC; Uske A; Brant-Zawadzki M; et al, (Neuroradiol), 28: 132,
- spontaneous hemorrhage in previously ischemic (pale) cerebral infarcts, Garcia CA; Weisberg LA; McGarry PA; et al, (Comput Radiol), 10: 55, 1986
- subdural hematoma in patients with brain tumor: CT evaluation, Wang A-M; Chinwuba CE; O'Reilly GV; et al, (JCAT), 9: 511, 1985
- subdural hematoma secondary to ruptured intracranial aneurysm: computed tomographic diagnosis, Williams JP; Joslyn JN; White JL; et al, (Radiology), **150**:
- T2 estimates in healthy and diseased brain tissue: comparison using various MR pulse sequences, Darwin RH; Drayer BP; Riederer SJ; Wang HZ; MacFall JR, (Radiology), 160: 375, 1986
- timing and course of neonatal intracranial hemorrhage using real-time ultracianal Rumack CM; Manco-Johnson ML; Manco-Johnson MJ; Koops BL; Hathaway WE; Appareti K, (Radiology), 154: 101, 1985
- traumatic and alternating delayed intracranial hematomas, Lesoin F; Viaud C; Pruvo J; et al, (Radiology), **156**: 567, 1985
- ultrasound and necropsy study of periventricular hemorrhage in preterm infants, Szymonowicz W, Schalfer K; Cussen LJ et al, (Radiology), **154**: 852, 1985
- unilateral germinal matrix hemorrhage in the newborn, Donn SM; Bowerman RA, (J Ultrasound Med), 4: 251, 1985

- chronic cerebral herniation in shunted Dandy-Walker malformation, Naidich TP; Radkowski MA; McLone DG; Leestma J, (Radiology), 158: 431, 1986
- intranasal encephalocele masking as a nasal polyp in an adult patient, Love GL; Riehl PA, (Radiology), 151: 269, 1984
- sphenoethmoidal encephalocele with cleft palate: transpalatal versus transcranial repair—report of 2 cases, Lewin ML, (Radiology), 152: 256, 1984

### Brain, infarction

- calcification in cerebral infarction, Kapila A, (Radiology), **153**: 685, 1984 case report. Moyamoya disease: unusual cause of cerebral infarction, Wood CH; Jeans WD; Coakham HB, (Clin Radiol), **37**: 289, 1986
- chronic adult cerebral infarction studied by phosphorus NMR spectroscopy, Bottomley PA; Drayer BP; Smith LS, (Radiology), 160: 763, 1986
- computed tomography of cerebral infarction along the distribution of the basal perforating arteries, part I: striate arterial group, Takahashi S; Goto K; Fukasawa H; Kawata Y; Uemura K; Suzuki K, (Radiology), 155: 107, 1985
- computed tomography of cerebral infarction along the distribution of the basal perforating arteries. part II: thalamic arterial group, Takahashi S; Goto K; Fukasawa H; Kawata Y; Uemura K; Yaguchi K, (Radiology), 155: 119, 1985
- CT and cerebral ischemic infarcts. correlations between morphological and clinical-prognostic findings, Crisi G; Colombo A; de Santis M; et al, (Radiology), 154: 277, 1985

CT demonstration of calcification within old cerebral infarcts, Kuzuhara S; Naito Y; Namura Y; et al, (JCAT), 9: 268, 1985

determination of regional cerebral blood flow in patients with cerebral infarction. use of fluoromethane labeled with fluorine 18 and positron emission tomography, Celesia GG; Polcyn RE; Holden JE; et al, (Radiology),

153: 853, 1984 diagnosis of Alzheimer's disease and multiple infarct dementia by tomographic imaging of iodine-123 IMP, Cohen MB; Graham LS; Lake R; et al, (J Nucl Med), 27: 769, 1986

dichotomy between clinical findings and MR abnormalities in pontine infarction, Biller J; Adams HP Jr; Dunn V; et al, (JCAT), 10: 379,

vascular lesions, Demierre B; Rondot P, (Radiology), **150**: 860, 1984

enhancing cerebral infarction simulating arteriovenous malformation on computed tomography, Henrikson GC; Patel DV, (JCAT), 9: 502, 1985

enhancing mass on CT: neoplasm or recent infarction?, Masdeu JC, (Radiology), 151: 551, 1984

frequency and patterns of abnormality detected by iodine-123 amine emissic after cerebral infarction, Brott TG; Gelfand MJ; Williams CC; Spilker JA; Hertzberg VS, (Radiology), 158: 729, 1986

glue sniffing and cerebral infarction, Parker MJ; Tarlow MJ; Anderson JM, (Radiology), **154**: 852, 1985

herpes zoster ophthalmicus and delayed ipsilateral cerebral infarction, Bourdette DN; Rosenberg NL; Yatsu FM, (Radiology), 152:

human brain infarcts: imaging by MR enhanced Gd-DTPA, Virapongse C; Mancuso AA; Quisling RG, (Radiology), **161**:

imaging local brain function with emission computed tomography, Kuhl DE, (Radiology), 150: 625, 1984

nonhemorrhagic infarction of the thalamus: behavioral, anatomic, and physiologic correlates, Graff-Radford NR; Eslinger PJ; Damasio AR; et al, (Radiology), **153**: 277,

periventricular infarction diagnosed by ultrasound: a postmortem correlation, Nwaesei CG; Pape KE; Martin DJ; et al, (Radiology), **154**: 851, 1985

pure word deafness after bilateral primary auditory cortex infarcts, Coslett HB; Brashear HR; Heilman KM, (Radiology), **154**:

radiology of anterior cerebral artery infarction, Naheedy MH; Azar-Kia B; Fine M, (Radiology), 155: 278, 1985

Fine M. (Radiology), 155: 278, 1985 serial nuclear magnetic resonance (NMR) imaging in patients with cerebral infarction, Sipponen JT, Kaste M; Ketonen L; et al, (Radiology), 151: 829, 1984 significance of proton relaxation time measurement in brain edema, cerebral infarction and brain tumors, Naruse S; Harikover V, Tanaka C, et al. (Mara Rev.

Horikawa Y; Tanaka C; et al, (Magn Res Imag), 4: 293, 1986

sonographic recognition of gyral infarction in meningitis, Babcock DS; Han BK, (AJR), **144**: 833, 1985

spontaneous hemorrhage in previously ischemic (pale) cerebral infarcts, Garcia CA; Weisberg LA; McGarry PA; et al, (Comput Radiol), 10: 55, 1986

watershed infarction in a case of polycythemia vera, Yazdi R; Cote C, (Clin Nucl Med), 11: 665, 1986

#### Brain, infection

bacterial meningitis in infants: sonographic findings, Han BK; Babcock DS; McAdams L, (Radiology), **154**: 645, 1985

candidal infection in the central nervous system, Lipton SA; Hickey WF; Morris JH; et al, (Radiology), **153**: 569, 1984

cerebral torulosis: clinical features and correlation with computed tomography, Daunt N; Jayasinge LSJ, (Radiology), 158: 860, 1986

CT of multiple intracranial cryptococcoma, Arrington JA; Murtagh FR; Martinez CR; et al, (AJNR), 5: 472, 1984

intracranial lesions of congenital cytomegalovirus infection detected by ultrasound scanning, Butt W; Mackay RI; de Crespigny LC; et al, (Radiology), 154: 274, 1985

intracranial serratia infection in preterm newborn infants, Lam AH; Berry A; deSilva M; et al, (AJNR), 5: 447, 1984

magnetic resonance imaging in cerebral alveolar echinococcus (case report), Bauer WM; Obermuller H; Vogl T; et al, (Radiology), 155: 556, 1985

magnetic resonance imaging in infections of the central nervous system, Davidson HD; Steiner RE, (AJNR), 6: 499, 1985

MR imaging of intracranial cysticercosis: comparison with CT and anatomopathologic features, Suss RA; Maravilla KR; Thompson J, (AJNR), 7: 235, 1986

multiple intracranial hydatid cysts, Gordillo I; Millan JM; Escudero L; et al, (Neuroradiol), 28: 285, 1986

opportunistic intracranial infection in AIDS detection by technetium-99m DTPA brain scintigraphy, Shih W-J; Domstad PA; DeLand FH, (J Nucl Med), 27: 498, 1986

postcraniectomy site: CT appearance, Lanzieri CF; Som PM; Sacher M; Solodnik P; Moore F, (Radiology), **159**: 165, 1986

real-time ultrasonographic surveillance in the detection of CNS involvement in systemic Candida infection, Bozynski ME; Naglie RA; Russell EJ, (Pediatr Radiol), **16**: 235, 1986

unusual CT presentation of cerebral toxoplasmosis, Cohen W; Koslow M, (JCAT), 9: 384, 1985

# Brain, inflammation

See Encephalitis

#### Brain, injuries

application of SPECT scanning with I-123 HIPDM to forensic medicine, Boyko OB; Becker GJ; Burt RW; et al, (JCAT), **10**: 885,

intracerebral pneumatocele: CT findings, Bhimani S; Virapongse C; Sabshin JK; Sarwar M; Paterson RH Jr, (Radiology), **154**:

intracerebral pneumatoceles following facial trauma: CT findings, Mendelsohn DB; Hertzanu Y, (Radiology), **154**: 115, 1985

ultrasound guided removal of an intracranial bullet: case report, De Campo JF; Myers D; Klug GL, (Australas Radiol), **30**: 6, 1986

value of angiography in cerebral nail-gun injuries, Al-Melty O; Holoubi A; Fox JL, (AJNR), 7: 164, 1986

### Brain, ischemia

angiography in transient cerebral ischaemia using three views of the carotid bifurcation, Jeans WD; Mackenzie S; Baird RN, (Br J Radiol), **59**: 135, 1986

cerebral ischemia and atrial fibrillation: prospective study, Kelly RE; Berger JR; Alterm M; et al, (Radiology), **155**: 858, 1985

computed tomography in global cerebral cortical ischemia of the neonate and young infant, Swartz JD; Soyer A; Brown LW; et al, (CT), 10: 243, 1986

frequency and patterns of abnormality detected by iodine-123 amine emission CT after cerebral infarction, Brott TG; Gelfand M; Williams CC; Spilker JA; Hertzberg VS, (Radiology), 158: 729, 1986

human brain infarcts: imaging by MR enhanced Gd-DTPA, Virapongse C; Mancuso AA; Quisling RG, (Radiology), **161**: 785, 1986

in vivo MR spectroscopy with P-31. work in progress, Maudsley AA; Hilal SK; Simon HE; Wittekoek S, (Radiology), **153**:

ischemic chiasmal syndrome and hypopituitarism associated with progressive cerebrovascular occlusive disease, Ahmadi J; Keane JR; McCormick GS; et al, (AJNR), 5:

neck manipulation causing stroke: case reports, Fritz VU; Maloon A; Tuch P, (Radiology), **156**: 567, 1985

periventricular leukomalacia: evaluation with MR imaging, Wilson DA; Steiner RE, (Radiology), 160: 507, 1986

proton nuclear magnetic resonance imaging of acute experimental cerebral ischemia, Mano I; Levy RM; Crooks LE; et al, (Radiology), 150: 295, 1984

spontaneous hemorrhage in previously ischemic (pale) cerebral infarcts, Garcia CA; Weisberg LA: McGarry PA; et al, (Comput Radiol), 10: 55, 1986

temporal evolution of hypoxic-ischaemic brain lesions in asphyxiated full-term newborns as assessed by computerized tomography, Lipp-Zwahlen AE; Deonna T; Chrzanowski R; et al, (Radiology), 158: 862,

value of computed tomography in patients with stroke: Oxfordshire community stroke project, Sandercock P; Molyneux A; Warlow C, (Radiology), 156: 567, 1985

# Brain, MR studies

acute subarachnoid hemorrhage: in vitro comparison of magnetic resonance and computed tomography, Chakeres DW; Bryan RN, (AJNR), 7: 223, 1986

anterior commissure: anatomic-MR correlation and use as a landmark in three orthogonal planes, Naidich TP; Daniels DL; Pech P; Haughton VM; Williams AL; Pojunas KW, (Radiology), 158: 421, 1986

applications of magnetic resonance imaging in diseases of the pediatric central nervous system, Zimmerman RA; Bilaniuk LT, (Magn Res Imag), 4: 11, 1986

aqueductal stenosis: demonstration by MR imaging, Novetsky GJ; Berlin L, (JCAT), 8: 1170, 1984

brain radiation lesions: MR imaging, Dooms GC; Hecht 5; Brant-Zawadzki M; Berthiaume Y; Norman D; Newton TH, (Radiology), 158: 149, 1986

brain tumors: MR imaging with gadolinium-DTPA, Felix R; Schorner W; Laniado M; Niendorf H-P; Claussen C; Fiegler W; Speck U, (Radiology), 156: 681, 1985

central nervous system disease in acquired immunodeficiency syndrome: prospective correlation using CT, MR imaging, and pathologic studies, Post MJD; Sheldon JJ; Hensley GT; Soila KP; Tobias JA; Chan JC; Quencer RM; Moskowitz LB, (Radiology), 158: 141, 1986

central nervous system high-resolution magnetic resonance imaging: effect of increasing spatial resolution on resolvi power, Bradley WG Jr; Kortman KE; Crues JV, (Radiology), 156: 93, 1985

central nervous system tumors in children: detection by magnetic resonance imaging, Kucharczyk W; Brant-Zawadzki M; Sobel DF; Edwards MB; Kelly WM; Norman D; Newton TH, (Radiology), 155:

cerebral magnetic resonance image synthesis, Bobman SA; Riederer SJ; Lee JN; et al, (AJNR), 6: 265, 1985

cerebral venous angiomas: MR imaging, Augustyn GT; Scott JA; Olson E; Gilmor RL; Edwards MK, (Radiology), **156**: 391, 1985

chronic seizure disorders: contribution of MR imaging when CT is normal, Laster DW; Penry JK; Moody DM; et al. (AJNR), 6: 177, 1985

chronic subdural hematoma demonstration by magnetic resonance, Sipponen JT; Sepponen RE; Sivula AS, (Radiology), **150**: 79, 1984

clinical and experimental vasogenic edema: in vivo sodium MR imaging, work in progress, Turski PA; Perman WH; Hald JK; Houston LW; Strother CM; Sackett JF, (Radiology), 160: 821, 1986

comparison of CT and MR in 400 patients with suspected disease of the brain and cervical spinal cord, Bradley WG Jr; Waluch V; Yadley RA; Wycoff RR, (Radiology), 152: 695, 1984

comparison of MR relaxation times and x-ray attenuation coefficients of focal brain lesions, Borrello JA; Aisen AM; Gebarski SS, (JCAT), 9: 1062, 1985

contrast enhancement of magnetic resonance images by chromium EDTA: an experimental study, Runge VM; Foster MA; Clanton JA; Jones MM; Lukehart CM; Hutchison JMS; Mallard JR; Smith FW; Partain CL; James AE Jr, (Radiology), 152: 123, 1984

contribution of MRI to the diagnosis of multiple sclerosis, Debaene A; Lavieille J; Vion-Dury J; et al, (J Neuroradiol), 15: 1,

corpus callosum and limbic system: neuroanatomic MR evaluation of developmental anomalies, Atlas SW; Zimmerman RA; Bilaniuk LT; Rorke L; Hackney DB; Goldberg HI; Grossman RI, (Radiology), 160: 355, 1986

- corpus callosum and subcallosal-periventricular lesions in multiple sclerosis: detection with MR, Simon JH; Holtas SL; Schiffer RB; Rudick RA; Herndon RM; Kido DK; Utz R, (Radiology), 160: 363, 1986 correlation of human NMR T; values measured in vivo and brain water content, MacDonald HL; Bell BA; Smith MA; et al, (Br J Radiol), 59: 355, 1986
- (ar ) Radiology, 375-335, 1985 cranial tissues: normal MR appearance after intravenous injection of Gd-DTPA, Kilgore DP; Breger RK; Daniels DL; Pojunas KW; Williams AL; Haughton VM, (Radiology), 160: 757, 1986
- cryptic structural lesions in refractory partial epilepsy: MR imaging and CT studies, Ormson MJ; Kispert DB; Sharbrough FW; Houser OW; Earnest F IV; Scheithauer BW; Laws ER Jr. (Radiology). 160: 215, 1986
- CT and MR imaging in neuro-Behcet disease, Willeit J; Schmutzhard E; Aichner F; et al, (JCAT), 10: 313, 1986
- cystic intracranial lesions: magnetic resonance imaging, Kjos BO; Brant-Zawadzki M; Kucharczyk W; Kelly WM; Norman D; Newton TH, (Radiology), 155; 363, 1985
- description of a low field resistive magnetic resonance imaging system and it application in imaging midline central nervous system pathology, Kean DM, Smith MA; Douglas RHB; et al, (Clin Radiol), 37: 211,
- detection of heterotopic gray matter in children by magnetic resonance imaging, Dunn V; Mock T; Bell WE; et al, (Magn Res Imag), 4: 33, 1986
- detection of intracranial calcifications by MR, Oot RF; New PFJ; Pile-Spellman J; et al, (AJNR), 7: 801, 1986
- detection of the cerebral lesions of chlorine intoxication by magnetic resonance intoxication by magnetic resonance imaging, Levy JM; Hessel SJ; Nykamp PW; et al, (Magn Res Imag), 4: 51, 1986
- dichotomy between clinical findings and MR abnormalities in pontine infarction, Biller J; Adams HP Jr; Dunn V; et al, (JCAT), 10: 379,
- differentiation of cerebellopontine angle neuromas and meningiomas with MR imaging, Mikhael MA; Ciric IS; Wolff AP, (JCAT), 9: 852, 1985
- dynamic digital subtraction imaging using fast low-angle shot MR movie sequences, Haase A; Matthaei D; Hanicke W; Frahm J, (Radiology), **160**: 537, 1986
- evaluation of multiple sclerosis by magnetic resonance imaging, Runge VM; Price AC; Kirshner HS; Allen JH; Partain CL; James AE Jr, (Radiographics), 6: 203, 1986
- even echo MR rephasing in the diagnosis of giant intracranial aneurysm, Alvarez O; Hyman RA, (JCAT), 10: 699, 1986
- experimental intracranial septic infarction: magnetic resonance enhancement, Grossman RI; Joseph PM; Wolf G; Biery D; McGrath J; Kundel HL; Fishman JE; Zimmerman RA; Goldberg HI; Bilaniuk LT, (Radiology), 155: 649, 1985
- foci of MRI signal (pseudo lesions) anterior to the frontal horns: histologic correlations of a normal finding, Sze G; De Armond SJ; Brant-Zawadzki M; et al, (AJNR), 7: 381,
- Gd-DTPA in clinical MR of the brain: I intraaxial lesions, Brant-Zawadzki M; Berry I; Osaki L; et al, (AJNR), 7: 781, 1986
- Gd-DTPA in clinical MR of the brain: 2. extraaxial lesions and normal structures, Berry I; Brant-Zawadzki M; Osaki L; et al, (AJNR), 7: 789, 1986
- high-field MRI of hemorrhagic cortical infarction, Hecht-Leavitt C; Gomori JM; Grossman RI; et al, (AJNR), 7: 581, 1986
- high-resolution magnetic resonance imaging of the brain in children, Dubowitz LMS; Pennock JM; Johnson MA; et al, (Clin Radiol), 37: 113, 1986
- human brain infarcts: imaging by MR enhanced Gd-DTPA, Virapongse C; Mancuso AA; Quisling RG, (Radiology), **161**: 785, 1986
- impact of MR imaging on clinical diagnosis and management: prospective study, Franken EA Jr; Berbaum KS; Dunn V; Smith WL; Ehrhardt JC; Levitz GS; Breckenridge RE, (Radiology), 161: 377, 1986

- inner volume MR imaging: technical concepts and their application, Feinberg DA; Hoenninger JC; Crooks LE; Kaufman L; Watts JC; Arakawa M, (Radiology), 156: 743,
- integrated stereotaxic imaging with CT, MR imaging, and digital subtraction angiography, Peters TM; Clark JA; Olivier A; Marchand EP; Mawko G; Dieumegarde M; Muresan LV; Ethier R, (Radiology), 161: 821, 1986
- intracranial hematomas: imaging by high-field MR, Gomori JM; Grossman RI; Goldberg HI; Zimmerman RA; Bilaniuk LT, (Radiology), 157: 87, 1985
- intracranial hematomas: imaging by high field MR, Zimmerman RD; Deck MDF, (Radiology), **159**: 565, 1986
- intracranial hematomas: imaging by high-field MR: reply, Gomori JM; Grossman RI, (Radiology), 159: 566, 1986
- intracranial hematomas studied by MR imaging at 0.17 and 0.02 T, Sipponen JT; Sepponen RE; Tanttu JI; et al, (JCAT), 9: 698, 1985
- in vivo MR spectroscopy of human subjects with a 1.4-T whole-body MR imager, Ng TC; Majors AW; Meany TF, (Radiology), 158: 517, 1986
- in vivo MR spectroscopy with P-31, work in progress, Maudsley AA; Hilal SK; Simon HE; Wittekoek S, (Radiology), **153**: 745 1984
- in vivo <sup>31</sup>P NMR study of cerebral hypoxic hypoxia in rats, Litt L; Gonzalez-Mendez R; Weinstein PR; et al, (Magn Res Med), 3: 619,
- lesions of the putamen and dystonia: CT and magnetic resonance imaging, Burton K; Farrell K; Li D; et al, (Radiology), 155: 279, 1985
- leukoencephalopathy in normal and pathologic aging: 2. MRI of brain lucencies, George AE; de Leon MJ; Kalnin A; et al, (AJNR), 7: 567, 1986
- low field (0.02 T) nuclear magnetic resonance imaging of the brain, Sepponen RE; Sipponen JT; Sivula A, (JCAT), 9: 237, 1985
- magnetic resonance imaging (1.5 Tesla) in patients with intractable focal seizures, Lesser RP; Modic MT; Weinstein MA; et al, (Radiology), 160: 861, 1986
- magnetic resonance imaging in Huntington disease, Simmons JT; Pastakia B; Chase TN; et al, (AJNR), 7: 25, 1986
- magnetic resonance imaging in infections of the central nervous system, Davidson HD; Steiner RE, (AJNR), 6: 499, 1985
- magnetic resonance imaging in multiple sclerosis: results in 32 cases, Jackson JA; Leake DR; Schneiders NJ; et al, (AJNR), 6: 171, 1985
- magnetic resonance imaging in patients with diplopia: review, Ruff RL; Wiener SN; Leigh RJ, (Invest Radiol), 21: 311, 1986
- magnetic resonance imaging in the evaluation of the brainstem, Han JS; Bonstelle CT; Kaufman B; Benson JE; Alfidi RJ; Clampitt ME; Van Dyke C; Huss RG, (Radiology), 150: 705, 1984
- magnetic resonance imaging (MRI) in the diagnosis of cerebral arteriovenous angiomas, Schorner W; Bradac GB; Treisch J; et al, (Neuroradiol), 28: 313, 1986
- magnetic resonance imaging of a venous angioma, Scott JA; Augustyn GT; Gilmor RL; et al, (AJNR), 6: 284, 1985
- magnetic resonance imaging of brain iron, Drayer BP; Burger P; Darwin R; et al, (AJNR), 7: 373, 1986
- magnetic resonance imaging of brain tumors: measurement of T1, Araki T; Inouye T; Suzuki H; Machida T; Iio M, (Radiology), 150: 95, 1984
- magnetic resonance imaging of radiation injury to the brain, Curnes JT; Laster DW; Ball MR; et al, (AJNR), 7: 389, 1986
- magnetic resonance imaging of spinal-cord hemangioblastoma, Rebner M; Gebarski SS, (AJNR), 6: 287, 1985
- magnetic resonance imaging of the brain, Bydder GM, (Radiol Clin North Am), 22: 779, 1984
- magnetic resonance imaging of the brain in children, Pennock JM; Bydder GM; Dubowitz LMS; et al, (Magn Res Imag), 4: 1,

- magnetic resonance imaging of the brainstem: normal structure and basic functional anatomy, Flannigan BD; Bradley WG Jr; Mazziotta JC; Rauschning W; Bentson JR; Lufkin RB; Hieshima GB, (Radiology), 154:
- magnetic resonance in multiple sclerosis, Scotti G; Scialfa G; Biondi A; et al, (Neuroradiol), **28**: 319, 1986
- magnetic resonance of the brain: the optimal screening technique, Brant-Zawadzki M; Norman D; Newton TH; Kelly WM; Kjos BO; Mills CM; Dillon W; Sobel D; Crooks LE, (Radiology), 152: 71, 1984
- magnetic resonance tomography and computed tomography of the brain for diagnosing Wilson's disease, Uhlenbrock D; Straube A; Beyer HK; et al, (Radiology), 159:
- magnetic resonance tomography in confirmed multiple sclerosis—evaluation of 21 cases, Uhlenbrock D; Dickmann E; Beyer HK; et al, (Radiology), 157: 286, 1985
- mechanisms of contrast in NMR imaging, Wehrli FW; MacFall JR; Shutts D; et al, (Radiology), **154**: 858, 1985
- meningovascular syphilis: CT and MR findings, Holland BA; Perrett LV; Mills CM, (Radiology), 158: 439, 1986
- MR and CT in cytoplasmically inherited striatal degeneration, Seidenwurm D; Novotny E Jr; Marshall W; et al, (AJNR), 7: 629, 1986
- MR and CT of occult vascular malformations of the brain, New PFJ; Ojemann RG; Davis KR; et al, (AJNR), 7: 771, 1986
- RC cisternography and myelography with Gd-DTPA in monkeys, Di Chiro G; Knop RH; Girton ME; Dwyer AJ; Doppman JL; Patronas NJ; Gansow OA; Brechbiel MW; Brooks RA, (Radiology), 157: 373 1985
- MR diagnosis of acute disseminated encephalomyelitis, Atlas SW; Grossman RI; Goldberg HI; et al, (JCAT), 10: 798, 1986 MR evaluation of Chiari I malformations at
- 0.15 T, Spinos E; Laster DW; Moody DM; et al, (AJNR), 6: 203, 1985
- MR identification of bleeding site in subarachnoid hemorrhage with multiple intracranial aneurysms, Hackney DB; Lesnick JE; Zimmerman RA; et al. (ICAT),
- MR imaging and positron emission tomography of cortical heterotopia, Bairamian D; Di Chiro G; Theodore WH; et al, (JCAT), 9: 1137, 1985
- MR imaging in Fahr disease, Scotti G; Scialfa G; Tampieri D; et al, (JCAT), 9: 790, 1985
- MR imaging in "lacunar" hemiballismus, Biller J; Graff-Radford NR; Smoker WRK; et al, (JCAT), 10: 793, 1986
- MR imaging of angiographically occult vascular malformations, Lemme-Plaghos L; Kucharczyk W; Brant-Zawadzki M; et al, (AJNR), 7: 217, 1986
- MR imaging of calcified intracranial lesions, Holland BA; Kucharcyzk W; Brant-Zawadzki M; Norman D; Haas DK; Harper PS, (Radiology), 157: 353, 1985
- MR imaging of cerebral dural sinus thrombosis, Snyder TC; Sachdev HS, (JCAT), 10: 889, 1986
- MR imaging of cerebral toxoplasmosis: correlation of computed tomography and pathology, Zee C-S; Segall HD; Rogers C; et al., (JCAT), 9: 797, 1985
- MR imaging of Hallervorden-Spatz disease, Littrup PJ; Gebarski SS, (JCAT), 9: 491, 1985
- MR imaging of heterotopic gray matter, Deeb ZL; Rothfus WE; Maroon JC, (JCAT), 9: 1140, 1985
- MR imaging of histic cytosis X in the central nervous system, Graif M; Pennock JM, (AJNR), 7: 21, 1986
- MR imaging of intracranial cysticercosis: comparison with CT and anatomopathologic features, Suss RA; Maravilla KR; Thompson J, (AJNR), 7: 235, 1986
- MR imaging of meningiomas including studies with and without gadolinium-DTPA, Bydder GM; Kingstey DPE; Brown J; et al. (JCAT), 9: 690, 1985
- MR imaging of ruptured intracranial dermoid, Hahn FJ; Ong E; McComb RD; et al, (JCAT), 10: 888, 1986

MR imaging of systemic lupus erythematosus involving the brain, Aisen AM; Gabrielsen TO; McCune WJ, (AJNR), 6: 197,

MR imaging of the aging brain: patchy white-matter lesions and dementia, Brant-Zawadzki M; Fein G; Van Dyke C; et al, (AJNR), 6: 675, 1985

MR imaging using stimulated echoes (STEAM), Haase A; Frahm J; Matthaei D; Hanicke W; Bomsdorf H; Kunz D; Tischler R, (Radiology), 160: 787, 1986

MRI of central nervous system: early clinical results, Zimmerman RA; Bilaniuk LT; Johnson MH; et al, (AJNR), 7: 587, 1986

MRI of corpus callosal syndromes, Curnes JT; Laster DW; Koubek TD; et al, (AJNR), 7: 617, 1986

MRI of normal brain maturation, Holland BA; Haas DK; Norman D; et al, (AJNR), 7: 201, 1986

MR of the diaphragma sellae, Daniels DL; Pojunas KW; Kilgore DP; et al, (AJNR), 7: 765, 1986

multiple sclerosis: gadolinium enhancement in MR imaging, Grossman RI; Gonzalez-Scarano F; Atlas Sw; Galetta S; Silberberg DH, (Radiology), 161: 721, 1986

multiple spin echo magnetic resonance imaging of the brain, Harms SE; Siemers PT; Hildenbrand P; Plum G, (Radiographics), 6: 117, 1986

multiple system atrophy (Shy-Drager syndrome): MR imaging, Pastakia B; Polinsky R; Di Chiro G; Simmons JT; Brown R; Wener L, (Radiology), **159**: 499, 1986

nuclear magnetic resonance blood flow measurements in the human brain, Singer JR; Crooks LE, (Radiology), **151: 270**, 1984

nuclear magnetic resonance for the examination of brain tumors, Weinstein MA; Modic MT; Pavlicek W; et al, (Semin Roentgenol), 19: 139, 1984

nuclear magnetic resonance imaging of CT-isodense subdural hematomas, Moon KL Jr; Brant-Zawadzki M; Pitts LH; et al, (AJNR), 5:

outp., 1704
nuclear magnetic resonance (NMR) imaging of intracerebral hemorrhage in the acute and resolving phases, Sipponen JT;
Sepponen RE; Sivula AS, (Radiology), 152: 560, 1984

nuclear magnetic resonance (NMR) imaging of the brain in systemic lupus erythematosus, Vermess M; Bernstein RM; Bydder GM; et al, (Radiology), 151: 270, 1984

nuclear magnetic resonance (NMR) tomography of the central nervous system: comparison of two imaging sequences, Huk W; Heindel W; Deimling M; et al, (Radiology), **150**: 864, 1984

nuclear magnetic resonance of the brain, Bydder GM, (Cardiovasc Intervent Radiol), 8: 264, 1986

nuclear magnetic resonance tomography in Hallervorden-Spatz syndrome, Vogl TH; Bauer M; Seiderer M; et al, (Radiology), **154**:

observation of metabolites in the human brain by MR spectroscopy, Luyten PR; den Hollander JA, (Radiology), **161**: 795, 1986

Parkinson plus syndrome: diagnosis using high field MR imaging of brain iron, Drayer BP; Olanow W; Burger P; Johnson GA; Herfkens R; Riederer SJ, (Radiology), 159; 493, 1986

periventricular hyperintensity as seen by magnetic resonance: prevalence and significance, Zimmerman RD; Fleming CA; Lee BCP; et al. (AJNR), 7: 13, 1986

periventricular leukomalacia: evaluation with MR imaging, Wilson DA; Steiner RE, (Radiology), 160: 507, 1986

pineal germinoma: MR imaging, Kilgore DP; Strother CM; Starshak RJ; Haughton VM, (Radiology), **158**: 435, 1986

position of cerebellar tonsils in the normal population and in patients with Chiari malformation: quantitative approach with MR imaging, Aboulezz AO; Sartor K; Geyer CA; et al, (JCAT), 9: 1033, 1985

primary intracranial tumor imaging: a comparison of magnetic resonance and CT, Brant-Zawadzki M; Badami JP; Mills CM; Norman D; Newton TH, (Radiology), **150**: 435, 1984

proton nuclear magnetic resonance imaging of acute experimental cerebral ischemia, Mano I; Levy RM; Crooks LE; et al, (Radiology), 150: 295, 1984

pulse selection chart for brain MR imaging sequences, Tobias JA; Sheldon JJ; Soila KP; Pomeranz SJ; Garcia L, (Radiology), 157: 261,

1985
pulse sequence extrapolation with MR image synthesis, Bobman SA; Riederer SJ; Lee JN; Tasciyan T; Farzaneh F; Wang HZ, (Radiology), 159: 253, 1986
reproducibility of relaxation times and spin density calculated from routine MR imaging sequences: clinical study of the CNS, Kjos BO; Ehman RL; Brant-Zawadzki M; et al. (AJNR), 6: 271, 1985
serial nuclear magnetic resonance (MMR)

serial nuclear magnetic resonance (NMR) imaging in patients with cerebral infarction, Sipponen JT; Kaste M; Ketonen L; et al, (Radiology), 151: 829, 1984

(Radiology), 151: 829, 1984 significance of cerebellar tonsillar position on MR, Barkovich AJ; Wippold FJ; Sherman JL; et al. (AJNR), 7: 795, 1986 significance of proton relaxation time measurement in brain edema, cerebral

measurement in brain edema, cerebral infarction and brain tumors, Naruse S; Horikawa Y; Tanaka C; et al, (Magn Res Imag), 4: 293, 1986 spin-echo MR imaging of intracranial hemorrhage, Dooms GC; Uske A; Brant-Zawadzki M; et al, (Neuroradiol), 28: 132,

spin-lattice relaxation (T<sub>1</sub>) times of cerebral white matter in multiple sclerosis, Lacomis D; Osbakken MD; Gross G, (Magn Res Med), 3: 194, 1986

kes Med.) 3: 194, 1966 synthesized MR images: comparison with acquired images, Bobman SA; Riederer SJ; Lee JN; Suddarth SA; Wang HZ; MacFall JR, (Radiology), 155: 731, 1985

T2 estimates in healthy and diseased brain 12 estimates in nealthy and diseased brain tissue: comparison using various MR pulse sequences, Darwin RH; Drayer BP; Riederer SJ; Wang HZ; MacFall JR, (Radiology), 160: 375, 1986 use of spherical receiver coils in MR imaging of the brain, Bydder GM; Butsen PC; Harman RR; et al. ([CAT), 9; 413, 1985 Wilson disease of the brain MP.

Wilson disease of the brain: MR imaging, Aisen AM; Martel W; Gabrielsen TO; Glazer GM; Brewer G; Young AB; Hill G, (Radiology), 157: 137, 1985

Brain, mycoses

craniofacial mucormycosis: assessment with CT, Gamba JL; Woodruff WW; Djang WT; Yeates AE, (Radiology), **160**: 207, 1986

Brain, necrosis

bilateral lesions of the putamina, Kretzschmar K; Ludwig B; Kramer G; et al, (Neuroradiol), 28: 87, 1986

cerebral radiation necrosis following treatment of extracranial malignancies, Glass JP; Hwang T-L; Leavens ME; et al, (Radiology), 156: 276, 1985

gelatin sign: ultrasonographic evidence of cerebral necrosis in infants, Colan RV, (Radiology), **161**: 576, 1986

normal brain iodine-125 radiation damage: official from 104 and 25 and alton damage: effect of dose and irradiated volume in a canine model, Turowski K; Fike JR; Cann CE; Higgins RJ; Davis RL; Gutin PH; Phillips TL; Weaver KA, (Radiology), 158: 833, 1986

Brain, parasites cerebral schistosomiasis, Schils J; Hermanus N; Flament-Durant J; et al, (AJNR), 6: 840, 1985

Brain, radiography

ventriculography and pneumoencephalography: contributions of Dr. Walter E. Dandy, Tondreau RL, (Radiographics), 5: 533, 1985 Brain, radionuclide studies

application of iodine-123-labeled isopropylamphetamine imaging to the study of dementia, Sharp PF; Gemmell HG; Cherryman G; et al, (J Nucl Med), 27: 761,

cerebral circulation after head injury. part 4. cerebral circulation after head injury, part 4. functional anatomy and boundary-zone flow deprivation in the first week of traumatic coma, Overgaard J; Tweed WA, (Radiology), 153: 569, 1984
cerebral dynamics of N-isopropyl-(1231)p-iodoamphetamine, Creutzig H; Schober O; Gielow P; et al, (J Nucl Med), 27: 178, 1986

clinical brain imaging with isopropyl-iodoamphetamine and SPECT, Royal HD; Hill TC; Holman BL, (Semin Nucl Med), 15:

clinical indications for optimal use of the radionuclide brain scan, Nistet AP; Ratcliffe GE; Ellam SV; et al, (Radiology), 151: 276, 1984

comparison of two cerebral perfusion tracers, N-isopropyl I-123 p-iodoamphetamine and I-123 HIPDM, in the human, Holman BL; Lee RGL; Hill TC; et al, (Radiology), 153: 574. 1984

conventional radionuclide brain imaging in the era of transmission and emission tomography, Cowan RJ, (Semin Nucl Med), 16: 63, 1986

16: 63, 1986
crescent sign on radionuclide static brain imaging, Shih W-J; Domstad PA;
DeLand FH, (Semin Nucl Med), 15: 67, 1985
diagnosis of Alzheimer's disease and multiple infarct dementia by tomographic imaging of iodine-123 IMP, Cohen MB; Graham LS;
Lake R; et al., (1) Nucl Med), 27: 769, 1986
frequency and patterns of abnormality

Lake R; et al. (I Nucl Med), 27: 769, 1986 frequency and patterns of abnormality detected by iodine-123 amine emission CT after cerebral infarction, Brott TG; Gelfand MJ; Williams CC; Spilker JA; Hertzberg VS, (Radiology), 158: 729, 1986 functional radionuclide imaging of the brain, Magistretti PL, ed, Reviewed by Weiss PE, (Radiology), 153: 806, 1984 gallium scriptorarby in a case of septic

(Radiology), 153: 806, 1984
gallium scintigraphy in a case of septic
cavernous sinus thrombosis, Palestro CJ;
Malat J; Gladstone AG; et al, (Clin Nucl
Med), 11: 636, 1986
high yield synthesis of 6-[18F]fluoro-L-dopa,
Chirakal R; Firnau G; Garnett ES, (J Nucl
Med), 27: 417, 1986

hypervascularity on cerebral radionuclide angiogram, Lin DS, (Semin Nucl Med), 16: 74, 1986

hypovascularity on cerebral radionuclide angiogram, Lin DS, (Semin Nucl Med), **16**: 77, 1986

imaging local brain function with emission

imaging local brain function with emission computed tomography, Kuhl DE, (Radiology), 150: 625, 1984 intracranial tumors: unexpected uptake of I-123 HIPDM, McVeigh MC; Merchut MP; Karesh SM; Chobrial MW; Dillehay DL, (Radiology), 161: 409, 1986

methodologic factors affecting PET measurements of cerebral glucose metabolism, Jagust WJ; Budinger TF; Huesman RH; et al, (J Nucl Med), 27: 1358,

perfusion and receptor SPECT in the dementias—George Taplin Memorial Lecture, Holman BL, (J Nucl Med), 27: 855,

positive indium-111 leukocyte scan in nocardia brain abscess, Bauman JM; Osenbach R; Hartshorne MF; et al. (J Nucl Med), 27: 60, 1986

Med), 27: 60, 1986 prominent confluence of the straight and transverse sinuses: potential pitfall in the interpretation of tomographic brain scans, Telepak RJ; Hartshorne MF; Cawthon MA; et al, (Clin Nucl Med), 11: 366, 1986

quantitative imaging of neuroreceptors in the living human brain, Wagner HN Jr, (Semin Nucl Med), 16: 51, 1986

radionuclide brain perfusion studies in suspected brain death, Kuni CC; Rogge DM, (Clin Nucl Med), 11: 551, 1986

radiotracers for functional brain imaging, Blau M, (Semin Nucl Med), 15: 329, 1985 simplified detection system for neuroreceptor studies in the human brain, Bice AN; Wagner HN Jr; Frost JJ; et al, (J Nucl Med), 27: 184, 1986

value of obtaining renal images following brain scintigraphy with technetium-99m glucoheptonate, Moreno AJ; Rodriguez AA; Spicer MJ; et al, (Clin Nucl Med), 11: 560, 1986

Brain, size See Brain, volume Brain, stenosis

and stenosis: demonstration by MR imaging, Novetsky GJ; Berlin L, (JCAT), 8: 1170, 1984

Brain, surgery
CT-guided stereotactic neurosurgery:
experience in 24 cases with a new
stereotactic system, Thomas DCT;
Anderson RE, du Boulay GH, (Radiology), 152: 857, 1984

152: 857, 1984 integrated stereotaxic imaging with CT, MR imaging, and digital subtraction angiography, Peters TM; Clark JA; Olivier A; Marchand EP; Mawko G; Dieumegarde M; Muresan LV; Ethier R, (Radiology), 161: 821, 1986

intraoperative neurosonography: application and technique, Rogers JV III; Shuman WP; Hirsch JH; et al, (AJNR), 5: 755, 1984

neurosurgical sonography: intraoperative and postoperative imaging of the brain, Gooding GAW; Boggan JE; Powers SK; et al, (AJNR), 5: 521, 1984

postcraniectomy site: CT appearance, Lanzieri CF; Som PM; Sacher M; Solodnik P; Moore F, (Radiology), 159: 165, 1986 stereotactic radiosurgery, Leksell L, (Radiology), 152: 260, 1984

#### Brain, US studies

abnormalities of the neonatal cerebral ventricles, Blumhagen JD; Mack LA, (Radiol Clin North Am), 23: 13, 1985

Clin North Am), 23: 13, 1985 bacterial meningitis in infants: sonographic findings, Han BK; Babcock DS; McAdams L, (Radiology), 154: 645, 1985 brain edema: ultrasound examination, Smith SJ; Vogelzang RL; Marzano MI; Cerullo LJ; Gore RM; Neiman HL, (Radiology), 155: 379, 1985

(Radiology), 155: 379, 1985 cranial sonography of the infant treated with extracorporeal membrane oxygenation, Bowerman RA; Zwischenberger JB; Andrews AF; et al, (AJNR), 6: 377, 1985 cranial sonography of the occipital horns and gyral patterns in the occipital lobes, Vade A; Otto R, (AJNR), 7: 873, 1986

cranial ultrasonography of neonatal periventricular/intraventricular hemorrhage: who, how, why and when?, Kirks DR; Bowie JD, (Pediatr Radiol), 16: 114, 1986

cranial ultrasound and clinical studies in preterm infants, Graziani LJ; Pasto M; Stanley C; et al, (Radiology), 156: 857, 1985

fetal cisterna magna, Mahony BS; Callen PW; Filly RA; Hoddick WK, (Radiology), 153: 773, 1984

hypoxic-ischemic encephalopathy in term infants: diagnosis and prognosis evaluated by ultrasound, Siegel MJ; Shackelford GD; Perlman JM; Fulling KH, (Radiology), 152:

intracranial hemorrhage in the hypoxic-ischemic infant: ultrasound demonstration of unusual complications, Slovis TL; Shankaran S; Bedard MP; Poland RL,

(Radiology), 151: 163, 1984 intracranial lesions of congenital cytomegalovirus infection detected by ultrasound scanning, Butt W; Mackay RJ; de Crespigny LC; et al, (Radiology), 154: 274, 1985

intracranial vascular pulsations in pediatric neurosonology, Williams JL, (Radiology), 152: 848, 1984

intraoperative neurosonography in pediatrics, Shkolnik A; Atlas S; McLone DG, (Radiographics), 4: 945, 1984

intraoperative neurosurgical ultrasound, Merritt CRB; Voorhies RM; Connolly E; et al, (Semin US CT MR), 6: 31, 1985

microbubbles as a contrast agent for neurosonography and ultrasound-guided catheter manipulation: in vitro studies, Widder DJ; Simeone JF, (AJNR), 7: 433, 1986

neonatal intracerebellar hemorrhage: detection by real-time ultrasound, Peterson CM; Smith WL; Franken EA, (Radiology), **150**: 391, 1984

neurosonographic identification of ventricular asymmetry in premature infants, Cohen MD; Slabaugh RD; Smith JA; et al, (Radiology), 152: 848, 1984

normal, absent, and abnormal corpus callosum: sonographic findings, Babcock DS, (Radiology), **151**: 449, 1984

occipital horn of the lateral ventricles in premature infants. an ultrasonographic study, Reeder JD; Kaude JV; Setzer ES, (Radiology), **150**: 858, 1984

periventricular leukomalacia in the pre-term newborn infant: sonographic and clinical features, Bowerman RA; Donn SM; DiPietro MA; D'Amato CJ; Hicks SP, (Radiology), 151: 383, 1984

eptooptic dysplasia (de Morsier syndrome), Williams JL; Faerber EN, (J Ultrasound Med), 4: 265, 1985

serial brain sonography in two children with leukomalacia and cerebral palsy, Sauerbrei EE, (Radiology), **154**: 852, 1985

sonographic appearance of callosal agenesis: correlation with radiologic and pathologic findings, Hernanz-Schulman M; Dohan FC Jr; Jones TB; et al. (AJNR), 6: 361,

sonographic appearance of the torcular herophili, Segal SR; Rosenberg HK, (AJNR), 6: 919, 1985

sonographic depiction of changes in ventricular size associated with repeated ventricular aspirations, Fleischer AC; Bundy AL; Hutchison AA; et al, (Radiology), 152: 848, 1984

sonographic recognition of agenesis of the corpus callosum, Atlas SW; Shkolnik A; Naidich TP, (AJNR), 6: 369, 1985

sonographic recognition of lissencephaly (agyria), Ramirez RE, (AJNR), 5: 830, 1984

sonography of the internal capsule and basal ganglia in infants: 1. coronal sections, Naidich TP; Gusnard DA; Yousefzadeh DK, (AJNR), 6: 909, 1985

sonography of the internal capsule and basal ganglia in infants: part II: localization of pathologic processes in the sagittal section through the caudothalamic groove, Naidich TP; Yousefzadeh DK; Gusnard DA; Naidich JB, (Radiology), 161: 615, 1986

time requirements for intraoperative neurosonography, Quencer RM; Montalvo BM, (AJNR), 7: 155, 1986

ultrasonic assessment of infectious meningitis, Fisher RM; Lipinski JK; Cremin BJ, (Radiology), **154**: 853, 1985

ultrasonographic diagnosis of bacterial meningitis and ventriculitis in infancy: six case reports, Brown BSJ; Thorp P, (Radiology), 153: 849, 1984

ultrasonography of the fetal cerebellum, McLeary RD; Kuhns LR; Barr M Jr, (Radiology), 151: 439, 1984

ultrasound brain scanning in the newborn, Chiswick ML, (Radiology), 155: 276, 1985

ultrasound guided removal of an intracranial bullet: case report, De Campo JF; Myers D; Klug GL, (Australas Radiol), **30**: 6, 1986

ultrasound identification of lateral ventricular asymmetry in the human neonate, Horbar JD; Leahy KA; Lucey JF, (Radiology), 151: 262, 1984

unilateral germinal matrix hemorrhage in the newborn, Donn SM; Bowerman RA, (J Ultrasound Med), 4: 251, 1985

US anatomy of the posterior fossa in children: correlation with brain sections, Yousefzadeh DK; Naidich TP, (Radiology), 156: 353, 1985

brain connection: corpus callosum is larger in left-handers, Witelson SF, (Radiology), 158:

radiologic changes of the aging brain and skull, LeMay M, (AJNR), 5: 269, 1984

ventricular size in newborn infants, Perry RNW; Bowman ED; Murton LJ; et al. (J Ultrasound Med), 4: 475, 1985

ventriculomegaly in childhood bacterial meningitis, Snyder RD, (Radiology), **155**: 550, 1985

#### Brain neoplasms

See also Meninges, neoplasms

brain edema: ultrasound examination, Smith SJ; Vogelzang RL; Marzano MI; Cerullo LJ; Gore RM; Neiman HL, (Radiology), 155: 379, 1985

brain gliomas: sonographic characterization, McGahan JP; Ellis WG; Budenz RW; Walter JP; Boggan JE, (Radiology), 159: 485,

brain tumors: clinical aspects, Tew JM Jr; Feibel JH; Sawaya R, (Semin Roentgenol), 19: 115, 1984

brain tumors: MR imaging with gadolinium-DTPA, Felix R: Schorner W; Laniado M; Niendorf H-P; Claussen C; Fiegler W; Speck U, (Radiology), 156: 681, 1985

case report 371, Howard BA; Rubenstein JD; Lewis AJ, (Skeletal Radiol), 15: 468, 1986

cerebral angioendotheliomatosis: report of two cases and review of the literature. Schonfeld SM; Pinto RS; Aleksic S; et al, (AJNR), 6: 437, 1985

cerebral gliomas: malignancy, limits, and spatial configuration, Daumas-Duport C; Meder JF; Monsaingeon V; et al, (Radiology), 150: 861, 1984

cerebral venous angiomas imaged by MR, Cammarata C; Han JS; Haaga JR; Alfidi RJ; Kaufman B, (Radiology), **155**: 639, 1985

chronic isolated abducens paresis from tumors at the base of the brain, Currie J; Lubin JH; Lessell S, (Radiology), **150**: 292, 1984

cranial CT in the investigation of headache: cost-effectiveness for brain tumors, Baker HL Jr, (Radiology), 151: 267, 1984

CT-guided biopsy for the detection and staging of tumors of the head and neck, Gatenby RA; Mulhern CB Jr; Richter MP; et al, (AJNR), 5: 287, 1984

cystic mural nodule in cerebellar hemangioblastoma: CT demonstration, Tan WS; Wilbur AC; Spigos DG; et al, (JCAT), 8: 1175, 1984

cystic pilocytic astrocytomas of the cerebral hemispheres: surgical experience with 51 cases and long-term results, Palma L; Guidetti B, (Radiology), 159: 573, 1986

diagnosis of masses presenting within the ventricles on computed tomography, Kendall BE; Reider-Grosswasser I; Valentine AR, (Radiology), 151: 265, 1984

dynamic study of supratentorial gliomas with L-methyl-<sup>11</sup>C-methionine and positron emission tomography, Lilja A; Bergstrom K; Hartvig P; et al., (AJNR), 6: 505, 1985

evolution and outcome in malignant astroglial neoplasms of the cerebellum, Steinberg GK; Shuer LM; Conley FK; et al, (Radiology), 157: 854, 1985

false sulcus: an early sign of intracranial mass, Healy JF, (Radiology), 150: 865, 1984

glioblastoma: catheter techniques for isolated ioblastoma: catheter techniques for isolat chemotherapy perfusion, Doppman JL; Dedrick RL; Shook DR; Lutz RJ; Goldstein SR; Blacklock JB; Boretos JW; Paul RH; Austin HA III; Bowman RL; Oldfield EH, (Radiology), 159: 477, 1986

increasing weight and girth after neurosurgery, Martino CR; Williams CD III; Schultz CL; et al, (Invest Radiol), 21: 98, 1986

intracranial germ-cell tumors. immunohistochemical study of three autopsy cases, Naganuma H; Inoue H; Misumi S; et al, (Radiology), 157: 571, 1985

intracranial lymphoma, Whelan MA; Kricheff II, (Semin Roentgenol), 19: 91, 1984

intracranial mass in a neonate, Yang PJ; Graham AR; Carmody RF; et al, (Invest Radiol), 21: 360, 1986

involvement of posterior visual pathways by optic nerve gliomas, Lourie GL; Osborne DR; Kirks DR, (Pediatr Radiol), **16**:

juvenile pilocytic astrocytoma of the cerebrum in adults: distinctive neoplasm with favorable prognosis, Garcia DM; Fulling KH, (Radiology), 160: 573, 1986

late deterioration after treatment of brain neoplasm, Kieffer SA; King GA; King RB; et al, (AJR), 144: 175, 1985

localization of malignant glioma by a radiolabelled human monoclonal antibody, Phillips J; Alderson T; Sicora K; et al, (Radiology), **150**: 861, 1984

magnetic resonance imaging of brain tumors: measurement of T1, Araki T; Inouye T; Suzuki H; Machida T; Iio M, (Radiology), 150: 95, 1984

malignant mesothelioma with brain metastases, Kaye JA; Wang A-M; Joachim CL; et al, (Radiology), **159**: 822, 1986

Meckel's cave epidermoid with trigeminal neuralgia: CT findings, Kapila A; Steinbaum S; Chakeres DW, (JCAT), 8: 1172,

microorganisms as antineoplastic agents in CNS tumors, Kapp JP, (Radiology), 152: 258,

MR imaging of calcified intracranial lesions, Holland BA; Kucharcyzk W; Brant-Zawadzki M; Norman D; Haas DK; Harper PS, (Radiology), 157: 353, 1985

nuclear magnetic resonance for the examination of brain tumors, Weinstein MA; Modic MT; Pavlicek W; et al, (Semin Roenigenol), 19: 139, 1984

pathology of primary brain tumors, Zimmerman HM, (Semin Roentgenol), 19: 129, 1984

postcraniectomy site: CT appearance, Lanzieri CF; Som PM; Sacher M; Solodnik P; Moore F, (Radiology), **159**: 165, 1986

presentation of central nervous system sarcoidosis as intracranial tumors, Clark WC; Acker JD; Dohan FC Jr; et al, (Radiology), 161: 863, 1986

primary brain tumors in children, Naidich TP; Zimmerman RA, (Semin Roentgenol), 19:

primary extradural intracranial hydatid disease: CT appearance, Ba'assiri A; Haddad FS, (AJNR), 5: 474, 1984

primary intracranial germ-cell tumors: clinocopathological study of 14 cases, Shokry A; Janzer RC; Von Hochstetter AR; et al, (Radiology), **159**: 573,

primary lymphoma of the central nervous system. clinicopathological study of experience at Stanford, Helle TL; Britt RH; Colby TV, (Radiology), 152: 854, 1984 radiologic guidelines in assessing children with intracranial tumors, Batnitzky S; Segall HD; Cohen ME, (Radiology), 159: 288, 1986

iroo significance of proton relaxation time measurement in brain edema, cerebral infarction and brain tumors, Naruse S; Horikawa Y; Tanaka C; et al, (Magn Res Imag), 4: 293, 1986

solitary primary intracranial extracerebral glioma. case report, Shuangshoti S; Kasantikul V; Suwanwela N; et al, (Radiology), 155: 858, 1985

stereotactic radiosurgery, Leksell L. (Radiology), 152: 260, 1984

thalamic tumors in children: long-term followthalamic tumors in children: long-term follow up and treatment guides, Bernstein M; Hoffman HJ; Halliday WC; et al, (Radiology), 155: 853, 1985 value of skull radiography in children with intracranial tumors, Wells SK, (Radiology),

157: 569, 1985

Brain neoplasms, angiography

CT and angiography of primary extradural juxtasellar tumors, Moore T; Ganti SR; Mawad ME; et al, (AJNR), 6: 521, 1985

meningiomas revisited, Rosenbaum AE; Rosenbloom SB, (Semin Roentgenol), 19: 8,

Brain neoplasms, CT

blood tumour barrier in intracranial tumours studied with x-ray computed tomography and positron emission tomography using 68-Ga-EDTA, Mosskin M; von Holst H; Ericson K, (Neuroradiol), 28: 259, 1986

brain gliomas: sonographic characterization McGahan JP; Ellis WG; Budenz RW; Walter JP; Boggan JE, (Radiology), **159:** 485, 1986

cerebral gliomas: malignancy, limits, and spatial configuration, Daumas-Duport C; Meder JF; Monsaingeon V; et al, (Radiology), 150: 861, 1984

characterization of intracranial neoplasms by CT and intraoperative sonography, Gooding GAW; Boggan JE; Weinstein PR, (AJNR), 5: 517, 1984

childhood oligodendrogliomas presenting with seizures and low density lesions on computed tomography, Varma RR; Crumrine PK; Bergman I; et al, (Radiology), 151: 262, 1984

computed tomography in the diagnosis of infracranial neoplasms in children, Segall HD; Batnitzky S; Zee C-S; et al. (Radiology), **159**: 288, 1986

computed tomography of gliosarcoma, Lee Y-Y; Castillo M; Nauert C; et al, (AJNR), 6: 527,

computed tomography of malignant lymphoma of the brain, Holtas S; Nyman U; Cronqvist S, (Radiology), 153: 276, 1984 computed tomography of metastatic chondrosarcoma to the brain, Templeton PA; Gellad FE; Wood C, (JCAT), 9: 829, 1985

cranial computed tomographic abnormalities in leptomeningeal metastasis, Lee Y-Y; Glass JP; Geoffray A; et al, (AJNR), 5: 559, 1984

T and angiography of primary extradural juxtasellar tumors, Moore T; Ganti SR; Mawad ME; et al, (AJNR), 6: 521, 1985

CT appearance of clival chordomas, Meyer JE; Oot RF; Lindfors KK, (JCAT), 10: 34, 1986 CT findings in cerebral metastases, Pechova-Peterova V; Kalvach P, (Neuroradiol), 28: 254, 1986

CT of intracranial lymphoma, Weingarten K; Zimmerman RD, (Semin US CT MR), 7: 9, 1986

cystic adult medulloblastomas, Hyman AD; Lanzieri CF; Solodnik P; et al, (CT), 10: 139,

dynamic CT using an arterial bolus, Guinto FC Jr; Hashim H; Crofford MJ; Mirfakhraee M, (Radiology), **157**: 529, 1985

effects of devamethasone treatment on acoustic neuromas: evaluation by computed tomography, Hatam A; Bergstrom M; Noren G, (JCAT), 9: 857, 1985

enhancing mass on CT: neoplasm or recent infarction?, Masdeu JC, (Radiology), **151**: 551, 1984

glioblastoma multiforme masquerading as a more benign process, Derrig P; O'Connor L; Brammer HM; et al, (AJNR), 7: 166, 1986

gliomas of the brain, Leeds NE; Elkin CM; Zimmerman RD, (Semin Roentgenol), 19: 27, 1984

granulocytic sarcoma of the brain: case report and review of the literature, Barnett MJ; Zussman WV, (Radiology), **160**: 223, 1986

hemorrhagic primary intracranial neoplasms: clinical-computed tomographic correlations, Weisberg LA, (Comput Radiol), 10: 131, 1986

high resolution and dynamic sequential computed tomography. use in the evaluation of glomus complex tumors, Mafee MF; Valvassori GE; Shugar MA; et al, (Radiology), 152: 261, 1984

infarction in a meningioma after cardiac arrest, Pullicino P; Wilbur DC; Levy RJ; et al, (Radiology), **151**: 551, 1984

interval appearance of glioblastomas not evident in previous CT examinations, Bolender NF; Cromwell LD; Graves V; et al, (Radiology), 151: 825, 1984

intracranial Hodgkin's disease. a report of 12 cases and review of the literature, Sapozink MD; Kaplan HS, (Radiology), 151: 825, 1984

intracranial metastases due to prostatic carcinoma, Castaldo JE; Bernat JL; Meier FA; et al, (Radiology), 152: 557, 1984

intraventricular mass lesions, Morrison G; Sobel DF; Kelley WM; Norman D, (Radiology), **153**: 435, 1984

medullohlastoma in infants and children: computed tomographic follow-up after treatment, Lee Y-Y; Glass JP; van Eys J; Wallace S, (Radiology), **154**: 677, 1985

medulloepithelioma: first CT images, Poot RD, (Neuroradiol), 28: 286, 1986

meningiomas revisited, Rosenbaum AE; Rosenbloom SB, (Semin Roentgenol), 19: 8,

microglioma—unusual computed tomographic appearance and course of neoplasm, Arora S; Rao KCVG; Gellad F, (Radiology), 151: 551,

neuroradiology of intracranial neuromas, Pinto RS; Kricheff II, (Semin Roentgenol), 19: 44, 1984

neuroradiology of primitive neuroectodermal tumors, Hinshaw DB Jr; Ashwal S; Thompson JR; et al, (Radiology), **151**: 262,

positron emission tomography with ([¹¹C]methyl)-t-methionine, [¹¹C]D-glucose, and [68Ga]EDTA in supratentorial tumors, Ericson K, Lilja A; Bergstrom M; et al, (JCAT), 9: 683, 1985

posterior fossa plasmacytoma: computed tomographic findings, Weisberg LA, (Comput Radiol), 10: 141, 1986

primary and secondary histiocytic lymphoma of the brain: CT features, Yang PJ, Knake JE; Gabrielsen TO; Latack JT; Gebarski SS; Mehta BA; Metes JJ, (Radiology), 154: 683,

primary cerebral neuroblastoma. long-term follow-up review and therapeutic guidelines, Berger MS; Edwards MSB; Wara WM; et al, (Radiology), **152**: 557, 1984

primary lymphoma of the central nervous system: computerized tomography scan characteristics and treatment results for 12 cases, Mendenhall NP; Thar TL; Agee OF; et al, (Radiology), **152**: 854, 1984

quantitative CT assessment of furosemide- and mannitol-induced changes in brain water content, Cascino TL; Baglivo J; Conti J; et al, (Radiology), 151: 550, 1984

sequential computed tomographic imaging of a transplantable rabbit brain tumor, Kumar AJ; Hassenbusch S; Rosenbaum AE; et al, (Neuroradiol), 28: 81,

significance of contrast enhancement in gnificance of contrast enfancement in cranial computerized tomography after subarachnoid hemorrhage, Doczi T; Ambrose J; O'Laoire S, (Radiology), 153: 276,

solitary cerebellar metastases, Weisberg LA, (Radiology), 157: 282, 1985

subdural hematoma in patients with brain tumor: CT evaluation, Wang A-M; Chinwuba CE; O'Reilly GV; et al, (JCAT), 9:

supratentorial ependymomas: computed tomographic and pathologic correlations, Van Tassel P; Lee Y-Y; Bruner JM, (CT), **10**:

transient neurologic disturbances, brain tumors and normal computed tomography scans, Walker R; Lieberman AN; Pinto R; et al, (Radiology), **151**: 826, 1984

thing of the central nervous system studied by computed tomography and ultrasound, Enzmann DR; Wheat R; Marshall WH; Bird R; Murphy-Irwin K; Karbon K; Hanbery J; Silverberg GD; Britt RH; Shuer L, (Radiology), 154: 393, 1985

Virchow-Robin space: path of spread in neurosarcoidosis, Mirfakhraee M; Crofford MJ; Guinto FC Jr; Nauta HJW; Weedn VW, (Radiology), **158**: 715, 1986

Brain neoplasms, diagnosis

suprasellar masses, Chambers AA; Lukin RR; Tomsick TA, (Semin Roentgenol), 19: 84,

Brain neoplasms, in infants and children medulloepithelioma: first CT images, Poot RD, (Neuroradiol), 28: 286, 1986

Brain neoplasms, MR studies

brain tumors: detection and typing by use of CPMG sequences and in vivo T2 measurements, Rinck PA; Meindl S; Higer HP; Bieler EU; Pfannenstiel P, (Radiology), 157: 103, 1985

(Radiology), 197: 103, 1985 cerebral magnetic resonance: comparison of high and low field strength imaging, Bilaniuk LT; Zimmerman RA; Wehrli FW; Goldberg HI; Grossman RI; Bottomley PA; Edelstein WA; Glover GH; MacFall JR; Redington RW; Kressel HY, (Radiology), 153: 409, 1984

cerebral venous angiomas imaged by MR, Cammarata C; Han JS; Haaga JR; Alfidi RJ; Kaufman B, (Radiology), **155**: 639, 1985

contrast-enhanced MR imaging of malignant brain tumors, Graif M; Bydder GM; Steiner RE; et al, (AJNR), 6: 855, 1985

cystic intracranial lesions: magnetic resonance imaging, Kjos BO; Brant-Zawadzki M; Kucharczyk W; Kelly WM; Norman D; Newton TH, (Radiology), **155**: 363, 1985

vewton 11, (analosogy), 193-303, 193-evaluation of the effects of photoradiation therapy on brain tumors with in vivo P-31 MR spectroscopy, Naruse S; Horikawa Y; Tanaka C; Higuchi T; Sekimoto H; Ueda S; Hirakawa K, (Radiology), 160: 827, 1986

gadolinium-DTPA in MR imaging of glioblastomas and intracranial metastases, Claussen CD; Laniado M; Schorner W; et al, (AJNR), 6: 669, 1985

implantation of brain tumors with Cf-252: use nplantation of Janta Humos with C1-222: use of computed tomography and magnetic resonance imaging to guide insertion and evaluate response, Maruyama Y; Chin HW; Young AB, Wang PC; Tibbs PA; Beach JL; Goldstein S, (Radiology), 152: 177, 1984

intradural chordoma without bone involvement: nuclear magnetic resonance (NMR) appearance, Mapstone TB; Kaufman B; Ratcheson RA, (Radiology), **152**:

magnetic resonance imaging in childhood intracranial masses, Barnes PD; Lester PD; Yamanashi WS; et al, (Magn Res Imag), 4: 41,

magnetic resonance imaging of intracranial tumors in children and adolescents, Peterman SB; Steiner RE; Bydder GM, (AJNR), 5: 703, 1984

magnetic resonance imaging of the optic nerves and chiasm, Daniels DL; Herfkens RJ; Gager WE; Meyer GA; Koehler PR; Williams AL; Haughton VM, (Radiology), 152: 79, 1984

- magnetic resonance with marked T2-weighted images: improved demonstration of brain lesions, tumor, and edema, Smith AS; Weinstein MA; Modic MT; et al, (AJNR), 6: 691, 1985
- MR imaging of brain stem gliomas, Hueftle MG; Han JS; Kaufman B; et al, (JCAT), 9: 263, 1985
- MR imaging of central nervous system tumors that do not display increase in T1 or T2, MacKay IM; Bydder GM; Young IR, (JCAT), 9: 1055, 1985
- MR recognition of supratentorial tumors, Lee BCP; Kneeland JB; Cahill PT; et al, (AJNR), 6: 871, 1985
- multiple chemical shift selective (CHESS) MR imaging using stimulated echoes, Matthaei D; Haase A; Frahm J; Bomsdorf H; Vollmann W, (Radiology), **160**: 791, 1986
- NMR relaxation times from serial stereotactic biopsies in human brain tumors, Le Bas JF; Leviel JL; Decorps M; et al, (JCAT), 8: 1048, 1984
- proton imaging and phosphorus spectroscopy in a malignant glioma, Zimmerman RA; Bottomley PA; Edelstein WA; et al, (AJNR), 6: 109, 1985

#### Brain neoplasms, radionuclide studies

- intracranial tumors: unexpected uptake of I-123 HIPDM, McVeigh MC; Merchut MP; Karesh SM; Ghobrial MW; Dillehay DL, (Radiology), **161**: 409, 1986
- localization of malignant glioma by a radiolabelled human monoclonal antibody, Phillips J; Alderson T; Sicora K; et al, (Radiology), 150: 861, 1984
- pharmacokinetics of superselective intraarterial and intravenous [<sup>11</sup>C]BCNU evaluated by PET, Tyler JL; Yamamoto YL; Diksic M; et al. (J Nucl Med), 27: 775, 1986

# Brain neoplasms, secondary

- brain metastases from carcinoma of breast: review of 90 cases, Snee MP; Rodger A; Kerr GR, (Radiology), **158**: 860, 1986
- cerebral metastases from lung carcinoma: neurological and CT correlation. work in progress, Tarver RD; Richmond BD; Klatte EC, (Radiology), 153: 689, 1984
- CT findings in cerebral metastases, Pechova Peterova V; Kalvach P, (Neuroradiol), 28: 254, 1986
- primary and secondary histiocytic lymphoma of the brain: CT features, Yang PJ; Knake JE; Gabrielsen TO; Latack JT; Gebarski SS; Mehta BA; Metes JJ, (Radiology), 154: 683, 1985
- unusual appearance of brain metastasis from adenocarcinoma of colon, Ruelle A; Macchia G; Gambini C; et al, (Neuroradiol), 28: 375, 1986

## Brain neoplasms, therapeutic radiology

- afterloaded applicator for the interstitial irradiation of brain tumours, Mantell BS; Klevenhagen SC; Afshar F, (Clin Radiol), 37: 35-1086.
- boron distribution analysis by alphaautoradiography, Abe M; Amano K; Kitamura K; et al, (J Nucl Med), **27**: 677, 1986
- cerebellar medulloblastoma in adults, Hughs PG, (Radiology), **154:** 285, 1985
- contrast medium accumulation and washout in canine brain tumors and irradiated normal brain: a CT study of kinetics, Fike JR; Cann CE, (Radiology), 151: 115, 1984
- dosimetry of CT-guided volumetric IR-192 brain implant, Abrath FG; Henderson SD; Simpson JR; et al, (Int J Radiat Oncol Biol Phys), 12: 359, 1986
- effect of moderate level x-radiation to brain on cerebral glucose utilization, Ito M; Patronas NJ; Di Chiro G; et al, (JCAT), 10: 584. 1986
- ependymomas: results of radiation treatment, Garrett PG; Simpson WJK, (Radiology), 154: 572, 1985
- evaluation of the effects of photoradiation therapy on brain tumors with in vivo P-31 MR spectroscopy, Naruse S; Horikawa Y; Tanaka C; Higuchi T; Sekimoto H; Ueda S; Hirakawa K, (Radiology), 160: 827, 1986
- long survival of primary cerebral lymphoma with progressive radiation necrosis, Merchut MP; Haberland C; Naheedy MH; et al, (Radiology), **158**: 571, 1986

- phase I study of mixed (neutron and photon) irradiation using two fractions per day in the treatment of high-grade astrocytomas, Duncan W; McLelland J; Davey P; et al. (Br J Radiol). 59: 441. 1986
- radiation dosimetry considerations in the treatment of cystic suprasellar neoplasms, McGuire EL; Balachandran S; Boyd CM, (Br J Radiol), 59: 779, 1986
- radiation therapy for brain metastases from malignant melanoma, Stridsklev IC; Hagen S; Klepp O, (Radiology), 156: 285, 1985
- radiation therapy of microgliomas, Shank B, (Radiology), 151: 805, 1984
- radiation therapy of primary malignant lymphoma of the brain, Yasunaga T; Takahashi M; Uozumi H; et al, (Acta Radiol [Oncol]), 25: 23, 1986
- report of a randomised pilot study of the treatment of patients with supratentorial gliomas using neutron irradiation, Duncan W; McLelland J; Jack WJL; et al, (Br J Radiol), 59: 373, 1986
- results of a randomised trial of mixed-schedule (neutron / photon) irradiation in the treatment of supratentorial grade III and grade IV astrocytoma, Duncan W; McLelland J; Jack WJL; et al, (Br J Radiol), 59: 379, 1986
- supraclinoid intracarotid chemotherapy using a flow-directed soft-tipped catheter, Charnsangave (C; Lee Y-y; Carrasco CH; Fuen LG; Tang RA; Wright KC; Wallace S; Gianturco C, (Radiology), 155: 655, 1985
- treatment of ependymoma of the brain or spinal canal by radiotherapy: a report of 79 cases, Read G, (Radiology), 153: 575, 1984

## Brain neoplasms, therapy

- glioblastoma: catheter techniques for isolated chemotherapy perfusion, Doppman JL; Dedrick RL; Shook DR; Lutz RJ; Goldstein SR; Blacklock JB; Boretos JW; Paul RH; Austin HA III; Bowman RL; Oldfield EH, (Radiology), **159**: 477, 1986
- influence of surgery and radiation therapy on patients with brain metastases, Hendrickson F; Lee MS; Larson M; et al, (Radiology), 153: 283, 1984
- superselective intracerebral chemotherapy of malignant tumours with BCNU: neuroradiological considerations, Theron J; Villemure JG; Worthington C; et al, (Neuroradiol), 28: 118, 1986
- supraophthalmic placement of microleak balloon catheters for intracranial chemotherapy infusion: complications and results of therapy, Metes JJ; Lazo A; Wilner HI; et al, (AJNR), 6: 948, 1985

# Brain neoplasms, US studies

- choroid plexus papilloma: detection by realtime and Doppler sonography, Chow PP; Horgan JG; Burns PN; et al, (AJNR), 7: 168, 1986
- congenital pineoblastoma in the newborn: ultrasound evaluation, Lilue RE; Jequier S; O'Gorman AM, (Radiology), **154**: 363, 1985
- efficacy of intraoperative US for evaluating intracranial masses, Rubin JM; Dohrmann GJ, (Radiology), **157**: 509, 1985
- fetal intracranial teratoma: US diagnosis of three cases and a review of the literature, Lipman SP; Pretorius DH; Rumack CM; Manco-Johnson ML, (Radiology), 157: 491, 1985
- intraoperative sonographic delineation of lowgrade brain neoplasms defined poorly by computed tomography, Knake JE; Chandler WF; Gabrielsen TO; Latack JT; Gebarski SS, (Radiology), 151: 735, 1984
- sonography of brain tumors in infants, Han BK; Babcock DS; Oestreich AE, (AJNR), 5: 253, 1984
- tumors of the central nervous system studied by computed tomography and ultrasound, Enzmann DR; Wheat R; Marshall WH; Bird R; Murphy-Irwin K; Karbon K; Hanbery J; Silverberg GD; Britt RH; Shuer L, (Radiology), 154: 393, 1985
- ultrasonographic diagnosis of brain tumors in infancy, Strassburg HM; Sauer M; Weber S; et al, (Radiology), **154**: 852, 1985

#### Brain stem

- blepharospasm associated with brainstem lesions, Jankovic J; Patel SC, (Radiology), 151: 826, 1984
- enlarged brain stem, Ball JB Jr, (Semin Roentgenol), 19: 3, 1984
- evolution of central pontine myelinolysis on CT, Rosenbloom S; Buchholz D; Kumar AJ; et al, (AJNR), 5: 110, 1984
- hemiparesis caused by vertebral artery compression of the medulla oblongata, Kim P; Ishijima B; Takahashi H; et al, (Radiology), 158: 284, 1986
- (Ratiology), 156: 204, 1760
  magnetic resonance imaging of the brainstem:
  normal structure and basic functional
  anatomy, Flannigan BD; Bradley WG Jr;
  Mazziotta JC; Rauschning W; Bentson JR;
  Lufkin RB; Hieshima GB, (Radiology), 154:
  375. 1985.

#### Brain stem, MR studies

- clinical applications of nuclear magnetic resonance: central nervous system—brain stem and cord, Paushter DM; Dengel FH; Modic MT; et al, (Radiographics), 4: 97, 1984
- magnetic resonance imaging of small medullary infarctions, Fox AJ; Bogousslavsky J; Carey LS; et al, (AJNR), 7: 229, 1986
- MR imaging of brain stem gliomas, Hueftle MG; Han JS; Kaufman B; et al, (JCAT), 9: 263, 1985
- MR imaging of brainstem tumors, Lee BCP; Kneeland JB; Walker RW; et al, (AJNR), 6: 159, 1985
- MR imaging of the craniocervical junction, Lee BCP; Deck MDF; Kneeland JB; et al, (AJNR), 6: 209, 1985
- (AJNK), 05, 209, 1790 MRI versus conventional radiologic examinations in the evaluation of the craniovertebral and cervicomedullary junction, Smoker WRK; Keyes WD; Dunn VD; Menezes AH, (Radiographics), 6: 953, 1986
- MR measurement of normal and pathologic brainstem diameters, Koehler PR; Haughton VM; Daniels DL; et al, (AJNR), 6: 425, 1985
- spontaneous hemorrhage in the medulla oblongata: clinical MR correlations, Biller J; Gentry LR; Adams HP Jr; et al, (JCAT), 10: 303, 1986

### Brain stem, neoplasms

- enlarged brain stem, Ball JB Jr, (Semin Roentgenol), 19: 3, 1984
- nagnetic resonance imaging in the evaluation of the brainstem, Han JS; Bonstelle CT; Kaufman B; Benson JE; Alfidi RJ; Clampitt ME: Van Dyke C; Huss RG, (Radiology), 150: 705, 1984
- MR imaging of brainstem tumors, Lee BCP; Kneeland JB; Walker RW; et al, (AJNR), 6: 159, 1985
- MRI versus conventional radiologic examinations in the evaluation of the craniovertebral and cervicomedullary junction, Smoker WRK; Keyes WD; Dunn VD; Menezes AH, (Radiographics), 6: 953. 1986.
- posterior fossa lesions: magnetic resonance imaging, Lee BCP; Kneeland JB; Deck MDF; Cahill PT, (Radiology), 153: 137, 1984
- primary and secondary histiocytic lymphoma of the brain: CT features, Yang PJ; Knake JE; Gabrielsen TO; Latack JT; Gebarski SS; Mehta BA; Metes JJ, (Radiology), 154: 683, 1985

# Branchial cleft, cysts

- branchial cleft anomalies and their mimics: computed tomographic evaluation, Harnsberger HR; Mancuso AA; Muraki AS; Byrd SE; Dillon WP; Jouhnson LP; Hanafee WN, (Radiology), 152: 739, 1984
- branchial cleft cyst to jugular vein fistula: unusual complication, Roseman JM; Goffin FB, (Radiology), **156**: 568, 1985
- second branchial cleft cyst: unusual location and a new CT diagnostic sign, Salazar JE; Duke RA; Ellis JV, (AJR), 145: 965, 1985

#### Breast

- benign disorders of the breast in older women, Devitt JE, (Radiology), **160**: 857, 1986
- device for positioning the breast during angiography, Block RW; Flynn MJ; Ackerman LV; Watt AC; Erich DA; Ressler CJ, (Radiology), 155: 824, 1985
- intramammary lymph nodes, Egan RL; McSweeney MB, (Radiology), **150**: 612, 1984

Breast, angiography

differentiation between benign and malignant disease of the breast using digital subtraction angiography of the breast, Watt AC; Ackerman LV; Shetty PC; et al, (Radiology), 158: 857, 1986

Breast, biopsy

biopsy and definitive radiation therapy in stages I and II carcinoma of the femal breast, Ray GR; Fish VJ; Lee RH; et al. (Radiology), **151**: 564, 1984

cost-effectiveness of fine needle biopsy of the breast, Lannin DR; Silverman JF; Pories WJ; et al, (Radiology), 161: 574, 1986

difficult mammographic needle localizations: use of alternate orthogonal projections, Vyborny CJ; Merrill TN; Geurkink RE, (Radiology), 161: 839, 1986

method for control of the target at aspiration biopsy of non-palpable breast lesions, Novak R, (Acta Radiol [Diagn]), 27: 65, 1986

method for control of the target at aspiration biopsy of non-palpable breast lesions, Novak R, (Acta Radiol [Diagn]), 27: 65, 1986 needle localization of occult breast lesions

with a curved-end retractable wire: technique and pitfalls, Homer MJ; Pile-Spellman ER, (Radiology), 161: 547, 1986

onpalpable breast lesion localization: limited efficacy of sonography, Weber WN; Sickles EA; Callen PW; Filly RA, (Radiology), 155: 783, 1985 nonpalpable breast lesion localization using a

curved-end retractable wire, Homer MJ, (Radiology), 157: 259, 1985

prebiopsy localization of nonpalpable breast lesions, Gisvold JJ; Martin JK Jr, (AJR), 143:

preoperative radiographically guided wire marking of nonpalpable breast lesions, Rasmussen OS; Seerup A, (Radiology), **154**: 559, 1985

results of re-excisional biopsy of the primary tumor in preparation for definitive irradiation of patients with early stage breast cancer, Solin LJ; Fowble B; Martz K; et al, (Int J Radiat Oncol Biol Phys), 12: 721, 1986

spring hookwire breast lesion localizer: use with rigid-compression mammographic systems, Kopans DB; Lindfors KK; McCarthy KA; Meyer JE, (Radiology), 157: 537, 1985

use of monoclonal antiestrogen receptor antibody to evaluate estrogen receptor content in fine-needle aspiration breast biopsies, Flowers JL; Burton GV; Cox EB; et al. (Radiology), 160: 857, 1986

Breast, calcification

breast arterial calcification in association with diabetes mellitus: weak correlation, Sickles EA; Galvin HB, (Radiology), 155: 577,

breast calcifications: mammographic evaluation, Sickles EA, (Radiology), 160: 289,

mammographic intra-arterial calcifications, Schmitt EL; Threatt B, (Radiology), 153: 563,

mammographic microcalcifications: detection with xerography, screen-film, and digitized film display, Smathers RI, Bush E; Drace J; Stevens M; Sommer FG; Brown BW Jr; Karras B, (Radiology), 159: 673, 1986

sonomammographic manifestations of mammographically detectable breast microcalcifications, Lambie RW; Hodgden D; Herman EM; et al, (Radiology), 152: 867, 1984

Breast, cysts

benign breast lesions: ultrasound detection and diagnosis, Sickles EA; Filly RA; Callen PW, (Radiology), 151: 467, 1984 breast sonography to guide cyst aspiration and wire localization of occult solid lesions, Kopans DB; Meyer JE; Lindfors KK; et al, (AJR), 143: 489, 1984

galactocele: three distinctive radiographic appearances, Gomez A; Mata JM; Donoso L; Rams A, (Radiology), 158: 43, 1986

galactocele: three distinctive radiographic appearances, Hall FM, (Radiology), **160**: 852, 1986

galactocele: three distinctive radiographic appearances: reply, Gomez A; Mata JM; Donoso L; Rams A, (Radiology), **160**: 853,

prototype coil for magnetic resonance imaging of the female breast: work inprogress, Stelling CB; Wang PC; Lieber A; Mattingly SS; Griffen WO; Powell DE, (Radiology), 154: 457, 1985

Breast, diseas

automated breast sonography using a 7.5-MHz PVDF transducer: preliminary clinical evaluation. work in progress, Jackson VP; Kelly-Fry E; Rothschild PA; Holden RW; Clark SA, (Radiology), 159: 679, 1986

benign and malignant breast disease: magnetic resonance and radiofrequency pulse sequences, El Yousef SJ; O'Connell DM; Duchesneau RH; et al, (AJR), 145: 1, 1985

indurative mastopathy: cause of false-positive mammograms, Cohen MI; Matthies HJ; Mintzer RA; Keen ME; Murad T, (Radiology), 155: 69, 1985

primary (AL) amyloidosis as a cause of breast masses, O'Connor CR; Rubinow A; Cohen AS, (Radiology), 156: 270, 1985

radiographic and CT demonstration of mammary emphysema, Vargas FC; Vas W; Carlin B; et al, (ICAT), 9: 560, 1985

breast disease in the male: galactographic evaluation, Detraux P; Benmussa M; Tristant H; Garel L, (Radiology), **154**: 605,

male mammography, Dershaw DD, (AJR), 146: 127, 1986

radiotherapeutic prophylaxis of estrogeninduced gynecomastia: study of late seq Fass D; Steinfeld A; Brown J; et al, (Int J Radiat Oncol Biol Phys), 12: 407, 1986

ultrasound mammography for male breast enlargement, Cole-Beuglet CM; Schwartz GF; Kurtz AB; et al, (Radiology), 150: 868, 1984

Breast, MR studies

benign and malignant breast disease: magnetic resonance and radiofrequency pulse sequences, El Yousef SJ; O'Connell DM; Duchesneau RH; et al, (AJR), 145: 1, 1985

breast and axillary tissue MR imaging: correlation of signal intensities and relaxation times with pathologic findings, Wiener JI; Chako AC; Merten CW; Gross S; Coffey EL; Stein HL, (Radiology), 160: 299,

breast MR imaging with loop-gap resonators, Hornak JP; Szumowski J; Rubens D; Janus J; Bryant RG, (Radiology), **161**: 832, 1986

breast pathology in MRI: first results, Lamarque JL; Rodiere MJ; Prat X; et al, (Eur J Radiol), 6: 42, 1986

design modification of dedicated MR breast coil, Wolfman NT; Williams RW; Wall BE; et al, (JCAT), **10**: 893, 1986

magnetic resonance imaging in the diagnosis of breast disease, Dash N; Lupetin AR; Daffner RH; et al, (AJR), **146**: 119, 1986

magnetic resonance imaging in the diagnosis of breast disease: use of transverse relaxation times, McSweeney MB; Small WC; Cerny V; Sewell W; Powell RW; Goldstein JH, (Radiology), 153: 741, 1984

magnetic resonance imaging in the study of the breast, Alcorn FS; Turner DA; Clark JW; Charters JR; Petasnick JP; Shorey WD, (Radiographics), 5: 631, 1985

magnetic resonance imaging of the breast: functional T<sub>1</sub> and three-dimensional imaging, Partain CL; Kulkarni MV; Price RR; et al, (Cardiovasc Intervent Radiol), 8: 292, 1986

magnetic resonance imaging of the human breast: a phase I trial, El Yousef SJ; Duchesneau RH, (Radiol Clin North Am),

menstrual variation of normal breast NMR relaxation parameters, Nelson TR; Pretorius DH; Schiffer LM, (JCAT), 9: 875,

MR imaging of the breast: comparison with mammography and ultrasound, Heywang SH; Fenzl G; Hahn D; et al, (JCAT), **10**: 615, 1986

MR imaging of the breast using gadolinium-DTPA, Heywang SH; Hahn D; Schmidt H; et al, (JCAT), **10**: 199, 1986

nuclear magnetic resonance imaging of the breast. work in progress, El Yousef SJ; Duchesneau RH; Alfidi RJ; Haaga JR; Bryan PJ; LiPuma JP, (Radiology), **150**: 761, 1984

nuclear magnetic resonance imaging of the human breast, El Yousef SJ; Duchesneau RH; Alfidi RJ, (Radiographics), 4: 113, 1984

Allidi RJ, (Radiolgraphics), 4: 113, 1984
prototype coil for magnetic resonance imaging
of the female breast: work inprogress,
Stelling CE; Wang PC, Lieber A;
Mattingly SS; Griffen WO; Powell DE,
(Radiology), 154: 457, 1985
simultaneous MR imaging of both breasts
using a dedicated receiver coil,
Wolfman NT; Moran R; Moran PR;
Karstaedt N, (Radiology), 155: 241, 1985

Breast, parenchymal pattern

mammographic breast pattern and oral contraception, Leinster SJ; Whitehouse GH, (Br J Radiol), 59: 237, 1986

(Br.) Radiolity, 59: 257, 1900 mammographic parenchymal patterns: value as a predictor of hormone dependency and survival in breast cancer, Hinton CP; Roebuck EJ; Williams MR; et al. (AJR.), 144: 1103, 1985

prospective study of mammographic parenchymal patterns and risk of breast cancer, Gravelle IH; Bulstrode JC; Bulbrook RD; et al, (Br J Radiol), 59: 487,

Wolfe mammographic parenchymal patterns: study of the masking hypothesis of Egan and Mosteller, Whitehead J; Carille T; Kopecky KJ; et al, (Radiology), 158: 857, 1986

Breast, prostheses

relation of free silicone to human breast carcinoma, Morgenstern L; Gleischman SH; Michel SL; et al, (Radiology), **157**: 851, 1985

xeromammography after augmentation mammoplasty, Jensen SR; Mackey JK, (AJR), 144: 629, 1985

Breast, radionuclide studies

detection of sclerosing adenosis of the breast on a thallium scan, Makler PT Jr; Sherwin N; McCarthy DM; et al, (Radiology), 154: 862, 1985

uptake of gallium in the breasts, Chandramouly BS; Tiu S; Castronuovo JJ, (Semin Nucl Med), 14: 50, 1984

uptake of osteotropic radionuclides in the breast, Burnett KR; Lyons KP; Brown WT, (Semin Nucl Med), 14: 48, 1984

Breast, surgery

altered anterior axillary fold in radical mastectomy still present after breast reconstruction, Rubin G, (Br J Radiol), 59: 178, 1986

late breast recurrence after lumpectomy and irradiation, Kurtz JM; Spitalier J-M; Amalric R, (Radiology), 154: 573, 1985

Breast, thermography See Thermography

Breast, transillumination breast cancer detection with transillumination and mammography, Sickles EA, (AJR), 142: 841, 1984

breast imaging: pitfalls, controversies, and some practical thoughts, Homer MJ, (Radiol Clin North Am), 23: 459, 1985

comparison of mammography and transillumination light scanning in the detection of breast lesions, Gisvold JJ; Brown LR; Swee RG; et al, (AJR), 147: 191,

diaphanography as a means of detecting breast cancer, Marshall V; Williams DC; Smith KD, (Radiology), **150**: 339, 1984

diaphanography in the diagnosis of breast cancer, Drexler B; Davis JL; Schofield G, (Radiology), **157**: 41, 1985

real-time transillumination light scanning of the breast, Merritt CRB; Sullivan MA; Segaloff A; McKinnon WP, (Radiographics), 4: 989, 1984

transillumination in breast cancer detection: screening failures and potential, Geslien GE; Fisher JR; DeLaney C, (AJR), 144: 619, 1985

transillumination lightscanning to diagnose breast cancer: a feasibility study, Bartrum RJ Jr; Crow HC, (AJR), 142: 409,

Breast, US studies

55 MHz realtime sonography of the breast—part 2: examination technique and diagnostic value, Teubner J; van Kaick G; Junkermann H; et al, (Radiology), **159**: 570,

- appearance of the therapeutically irradiated breast on whole-breast water-path ultrasonography, Meyer JE; Kopans DB, (Radiology), 151: 833, 1984
- (Radiology), 151: 503, 1964
  automated breast sonography using a 7.5-MHz
  PVDF transducer: preliminary clinical
  evaluation. work in progress, Jackson VP;
  Kelly-Fry E; Rothschild PA; Holden RW;
  Clark SA, (Radiology), 159: 679, 1986
- automated water-path full-breast sonography: correlation with histology of 176 solid lesions, Egan RL; Egan KL, (AJR), 143: 499,
- benign breast lesions: ultrasound detection and diagnosis, Sickles EA; Filly RA; Callen PW, (Radiology), **151**: 467, 1984
- breast imaging: pitfalls, controversies, and some practical thoughts, Homer MJ, (Radiol Clin North Am), 23: 459, 1985
- breast mass detection by US: phantom study, Davros WJ; Madsen EL; Zagzebski JA, (Radiology), **156**: 773, 1985
- breast sonotomography and high-frequency, hand-held, real-time sonography: clinical comparison, Fleischer AC; Thieme GA; Winfield AC; et al. (J Ultrasound Med), 4:
- hand-held real-time breast sonography, Rubin E; Miller VE; Berland LL; et al, (AJR), 144: 623, 1985
- physiology of sucking in the normal term infant using real-time US, Smith WL; Erenberg A; Nowak A; Franken EA Jr, (Radiology), 156: 379, 1985
- real-time breast sonography: application in 300 consecutive patients, Hilton SvW; Leopold GR; Olson LK; et al, (AJR), 147: 479, 1986
- hythmic sonographic palpation (echoseismography) of the breast: a new technique to differentiate benign and malignant tumors using ultrasound and tissue elasticity, Eisenscher A; Schweg-Toffler E; Pelletier G; et al, (Radiology), 150: 301, 1984
- sonomammographic manifestations of mammographically detectable breast microcalcifications, Lambie RW; Hodgden D; Herman EM; et al, (Radiology), 152: 867, 1984
- ultrasonic computed tomography of the breast: improvement of image quality by use of cross-correlation time-of-flight and phaseinsensitive attenuation measurements, Chenevert TL; Bylski DI; Carson PL; Meyer CR; Bland PH; Adler DD; Schmitt RM, (Radiology), 152: 155, 1984
- ultrasound localization of occult breast lesions, Laing FC; Jeffrey RB Jr; Minagi H, (Radiology), **151**: 795, 1984
- ultrasound mammography: effects of focal zone placement, Kimme-Smith C; Hansen M; Bassett L; Sarti D; King W III, (Radiographics), 5: 955, 1985
- ultrasound mammography for male breast enlargement, Cole-Beuglet CM; Schwartz GF; Kurtz AB; et al, (Radiology),
- ultrasound of the breast in the symptomatic and x-ray dense breast, Guyer PB; Dewbury KC, (Radiology), 156: 571, 1985
- ultrasound transmission computed tomography of the breast, Schreiman JS; Cisvold JJ; Greenleaf JF; Bahn RC, (Radiology), 150: 523, 1984
- value of ultrasound in localizing the internal mammary vessels, Bruneton JN; Dalfin FY; Caramella E; et al, (Eur J Radiol), **6**: 142, 1986
- what is a useful adjunct to mammography?, Kopans DB, (Radiology), 161: 560, 1986 whole-breast sonography, McSweeney MB; Murphy CH, (Radiol Clin North Am), 23: 157, 1985
- whole-breast US imaging: four-year follow-up, Kopans DB; Meyer JE; Lindfors KK, (Radiology), 157: 505, 1985
- Breast, xeroradiography
- xeromammography after augmentation mammoplasty, Jensen SR; Mackey JK, (AJR), 144: 629, 1985
- Breast neoplasm
- benign and malignant breast disease: magnetic resonance and radiofrequency pulse sequences, El Yousef SJ; O'Connell DM; Duchesneau RH; et al, (AJR), 145: 1, 1985
- breast cancer: age-specific growth rates and screening strategies, Moskowitz M, (Radiology), 161: 37, 1986

- breast cancer prediction and the Wolfe classification of mammograms, Carlile T; Kopecky KJ; Thompson DJ; et al, (Radiology), 157: 852, 1985
- (Radiology), 157: 852, 1985 breast lesions: differential diagnosis using digital subtraction angiography, Watt AC; Ackerman LV, Windham JP; Shetty PC; Burke MW; Flynn MJ; Grodinsky C; Fine G; Wilderman SJ, (Radiology), 159: 39, 1986 case of the day, Goldberg ME; Frick M; Maile C; et al, (AJR), 144: 1290, 1985
- chest radiography in the follow-up of breast cancer, Hietanen P, (Acta Radiol [Oncol]), 25: 15, 1986
- comparison of mammography and transillumination light scanning in the detection of breast lesions, Gisvold JJ; Brown LR; Swee RG; et al, (AJR), 147: 191,
- CT of the axilla: normal anatomy and pathology, Fishman EK; Zinreich ES; Jacobs CG; Rostock RA; Siegelman SS, (Radiographics), 6: 475, 1986
- extraosseous osteogenic sarcoma of the breast: mammographic and pathologic findings, Watt AC; Haggar AM; Krasicky GA, (Radiology), 150: 34, 1984
- GA-DTPA contrast enhancement and tissue differentiation in MR imaging of experimental breast carcinoma, Revel D; Brasch RC; Paajanen H; Rosenau W; Grodd W; Engelstad B; Fox P; Winkelhake J, (Radiology), 158: 319, 1986
- mammographic features of 300 consecutive nonpalpable breast cancers, Sickles EA, (AJR), 146: 661, 1986
- mammographic features of sclerosing adenosis presenting as a tumnour, Nielsen NSM; Nielsen BB, (Clin Radiol), 37: 371, 1986
- mammographic needle localization of lesions seen in only one view, Yagan R; Wiesen E; Bellon EM, (AJR), 144: 911, 1985
- mammography, thermography, and ultrasound in breast cancer detection, Bassett LW; Gold RH, eds, Reviewed by Stelling C, (Radiology), 151: 588, 1984
- needle localization of nonpalpable breast masses, Bigelow R; Smith R; Goodman PA; et al, (Radiology), **157**: 851,
- needle localization of occult breast lesions with a curved-end retractable wire: technique and pitfalls, Homer MJ; Pile-Spellman ER, (Radiology), **161**: 547, 1986
- occult breast abnormalities: percutaneous preoperative needle localization, Meyer JE; Kopans DB; Stomper PC; Lindfors KK, (Radiology), 150: 335, 1984
- prognostic value of axillary lymphoscintigraphy in breast carcinoma patients, McLean RG; Ege GN, (J Nucl Med), 27: 1116, 1986
- prospective study of mammographic parenchymal patterns and risk of breast cancer, Gravelle IH; Bulstrode JC; Bulbrook RD; et al. (Br J Radiol), 59: 487,
- relation between mammographic findings and hormonal receptor content in breast cancer, Nielsen NSM; Poulsen HS, (AJR), 145: 501,
- rhythmic sonographic palpation (echoseismography) of the breast: a new technique to differentiate benign and malignant tumors using ultrasound and tissue elasticity, Eisenscher A; Schweg-Toffler E; Pelletier G; et al, (Radiology), 150:
- routine breast screening: survival after 10.5 years follow-up, Letton AH; Mason EM, (Radiology), **161**: 574, 1986
- (Radiology), 161: 574, 1986
  sensitivity and specificity of first screen
  mammography in the Canadian National
  Breast Screening Study: preliminary report
  from five centers, Baines CJ; Miller AB;
  Wall C; McFarlane DV; Simor IS; Jong R;
  Shapiro BJ; Audet L; Petitclerc M; OuimetOliva D; Ladouceur J; Hebert G; Minuk T;
  Hardy G; Standing HK, (Radiology), 160:
- spinal cord compression in breast cancer, Harrison KM; Muss HB; Ball MR; et al, (Radiology), 157: 856, 1985
- spring hookwire breast lesion localizer: use with rigid-compression mammographic systems, Kopans DB; Lindfors KK; McCarthy KA; Meyer JE, (Radiology), 157:

- stereotaxic technique for preoperative marking of nonpalpable breast lesion Svane G, (Radiology), 151: 820, 1984
- value of ultrasound in localizing the internal mammary vessels, Bruneton JN; Dalfin FY; Caramella E, et al, (Eur J Radiol), 6: 142, 1986
- Wegener granulomatosis of the breast, Deininger HK, (Radiology), 154: 59, 1985

#### Breast neoplasms, CT

- computed tomography of breast lesions: comparison with x-ray mammography, Muller JWT; van Waes PFGM; Koehler PR, (Radiology), 151: 555, 1984
- CT evaluation of local and regional breast cancer recurrence, Lindfors KK; Meyer JE; Busse PM; et al, (AJR), 145: 833, 1985

### Breast neoplasms, diagnosis

- automated water-path full-breast sonography: correlation with histology of 176 solid lesions, Egan RL; Egan KL, (AJR), 143: 499,
- breast and axillary tissue MR imaging: correlation of signal intensities and relaxation times with pathologic findings, Wiener JI; Chako AC; Merten CW; Gross S; Coffey EL; Stein HL, (Radiology), 160: 299,
- breast calcifications: mammographic evaluation, Sickles EA, (Radiology), 160: 289,
- breast cancer: age-specific growth rates and screening strategies, Moskowitz M, (Radiology), 161: 37, 1986
- breast cancer detection with transillumination and mammography, Sickles EA, (AJR), 142: 841, 1984
- breast disease in the male: galactographic evaluation, Detraux P; Benmussa M; Tristant H; Garel L, (Radiology), **154**: 605,
- breast lesions: differential diagnosis using digital subtraction angiography, Watt AC; Ackerman LV; Windham JP; Shetty PC; Burke MW; Flynn MJ; Grodinsky C; Fine G; Wilderman SJ, (Radiology), 159: 39, 1986
- breast lesions examined by digital angiography: work in progress, Ackerman LV; Watt AC; Shetty PC; Flynn MJ; Burke MM; Kambouris A; Fine G; Wilderman S, (Radiology), 155: 65, 1985
- breast light scanning: a real-time breast imaging modality, McIntosh DMF, (Radiology), 153: 271, 1984
- breast parenchymal patterns in women with bilateral primary breast cancer, Chaudary MA; Cravelle IH; Bulstrode JC; et al, (Radiology), 152: 252,
- breast sonography to guide cyst aspiration and wire localization of occult solid lesions, Kopans DB; Meyer JE; Lindfors KK; et al, (AJR), 143: 489, 1984
- breast tumors: evaluation with P-31 MR spectroscopy, Degani H; Herowitz A; Itzchak Y, (Radiology), **161**: 53, 1986
- characteristics of breast cancer in an incident cancer population, Schmitt EL; Threatt B, (AJR), 143: 403, 1984
- contributions of radiology to the diagnosis, management, and cure of breast cancer, Lester RG, (Radiology), 151: 1, 1984
- detection of breast carcinoma: comparison of automated water-path whole-breast sonography, mammography, and physical examination, Egan RL, Egan KL, (AJR), 143: 493, 1984
- diaphanography as a means of detecting breast cancer, Marshall V; Williams DC; Smith KD, (Radiology), **150**: 339, 1984
- diaphanography in the diagnosis of breast cancer, Drexler B; Davis JL; Schofield G, (Radiology), 157: 41, 1985
- "early" breast cancer detection using techniques other than mammography, Kopans DB, (AJR), 143: 465, 1984
- guidelines for detection of breast cancer: an update on investigative methods. a report of the Ad Hoc Committee on Mammography of the Canadian Association of Radiologists, Hebert G; Carrier R; McFarlane DV; et al, (Radiology), 153: 563, 1984
- indurative mastopathy: cause of false-posi mammograms, Cohen MI; Matthies HJ; Mintzer RA; Keen ME; Murad T, (Radiology), 155: 69, 1985

- localization device for fine-needle puncture of non-palpable lesions of the female breast, Hajek P; Binder W; Kumpan W; et al, (Radiology), 153: 271, 1984
- magnetic resonance imaging in the diagnosis of breast disease: use of transverse relaxation times, McSweeney M3, Small WC; Cerny V; Sewell W; Powell RW; Goldstein JH, (Radiology), 153: 741, 1984
- mammographically occult breast cancer. a pathologic and radiologic study, Holland R; Hendriks JHCL; Mravunac M, (Radiology), 152: 251, 1984
- mammographic and pathologic correlations in a breast screening programme, Stamp GWH; Whitehouse GH; McDickens IW; et al, (Radiology), **151**: 546, 1984
- mammographic features of "early" breast cancer, Sickles EA, (AJR), 143: 461, 1984
- mammographic patterns and breast cancer risk: methodologic standards and contradictory results, Boyd NF; O'Sullivan B; Fishell E; et al. (Radiology), 154: 558, 1985
- mammographic screening: how to operate successfully at low cost, Sickles EA; Weber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), **160**: 95, 1986
- mammographic screening: how to operate successfully at low cost, Evens RG, (Radiology), **161**: 850, 1986
- mammographic screening: how to operate successfully at low cost: reply, Sickles EA; Weber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), 161: 850, 1986
- mammographic screening: how to operate successfully at low cost, Hall FM, (Radiology), 161: 851, 1986
- mammographic screening: how to operate successfully at low cost: reply, Sickles EA; Webber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), 161: 851, 1986
- mammography 1984: challenge to radiology, McLelland R, (AJR), 143: 1, 1984
- mammography in women under age 30: is there clinical benefit?, Williams SM; Kaplan PA; Petersen JC; Lieberman RP, (Radiology), 161: 49, 1986
- mammography to screen asymptomatic women for breast cancer, Moskowitz M, (AJR), **143:** 457, 1984
- mammography using an ultrahigh-strip-density, stationary, focused grid, Dershaw DD; Masterson ME; Malik S; Cruz NM, (Radiology), **156**: 541, 1985
- monoclonal antibody B72.3 as a diagnostic adjunct in fine-needle aspirates of breast masses, Lundy J; Lozowski M; Mishriki Y, (Radiology), 161: 283, 1986
- oblique-view mammography: adequacy for screening, work in progress, Muir BB; Kirkpatrick AE; Roberts MM; Duffy SW, (Radiology), 151: 39, 1984
- prebiopsy localization of nonpalpable breast lesions, Gisvold JJ; Martin JK Jr, (AJR), **143**: 477, 1984
- prototype coil for magnetic resonance imaging of the female breast: work inprogress, Stelling CB; Wang PC; Lieber A; Mattingly SS; Griffen WO; Powell DE, (Radiology), 154: 457, 1985
- radiographic diagnosis of non-palpable breast lesions: correlation to pathology, Oppedal BR; Drevvatne T, (Radiology), **152**: 252, 1984
- real-time transillumination light scanning of the breast, Merritt CRB; Sullivan MA; Segaloff A; McKinnon WP, (Radiographics), 4: 989, 1984
- relation of free silicone to human breast carcinoma, Morgenstern L; Gleischman SH; Michel SL; et al, (Radiology), **157**: 851, 1985
- roentgen-pathologic study of breast cancer, Zhen-ying J; Kai W; Zhen-ji W; et al, (Radiology), 153: 270, 1984
- temporal variations of temperature of the breast by cholesteric liquid crystal contact plate thermography, Borten M; Dileo LA; Friedman EA, (Radiology), 150: 856, 1984
- transillumination in breast cancer detection: screening failures and potential, Geslien GE; Fisher JR; DeLaney C, (AJR), 144: 619, 1985

- transillumination lightscanning to diagnose breast cancer: a feasibility study, Bartrum RJ Jr; Crow HC, (AJR), 142: 409,
- ultrasound localization of occult breast lesions, Laing FC; Jeffrey RB Jr; Minagi H, (Radiology), 151: 795, 1984
- ultrasound mammography for male breast enlargement, Cole-Beuglet CM; Schwartz GF; Kurtz AB; et al, (Radiology),

#### Breast neoplasms, male

- breast disease in the male: galactographic evaluation, Detraux P; Benmussa M; Tristant H; Garel L, (Radiology), **154**: 605,
- carcinoma of the male breast: update, Vercoutere AL; O'Connell TX, (Radiology), 156: 270, 1985

#### Breast neoplasms, metastases

- axillary lymph node metastases in breast cancer: preoperative detection with US, Bruneton JN; Caramella E; Hery M; Aubanel D; Manzino JJ; Picard JL, (Radiology), 158: 325, 1986
- brain metastases from carcinoma of breast: review of 90 cases, Snee MP; Rodger A; Kerr GR, (Radiology), **158**: 860, 1986
- breast cancer metastasis to intramammary lymph nodes, Lindfors KK; Kopans DB; McCarthy KA; et al, (AJR), **146**: 133, 1986
- breast cancer: postoperative radiation therapy, del Regato JA, (Radiology), 157: 267, 1985
- CT findings of metastatic breast carcinoma involving muscle, Yoshy C; Montana M, (JCAT), 9: 967, 1985

#### Breast neoplasms, MR studies

breast pathology in MRI: first results, Lamarque JL; Rodiere MJ; Prat X; et al, (Eur J Radiol), 6: 42, 1986

#### Breast neoplasms, radionuclide studies

- demonstration of a primary bone tumor of the breast by technetium-99m diphosphonate bone imaging, Lumsden AB, (Clin Nucl Med), 11: 362, 1986
- internal mammary lymphoscintigraphy in the conservative management of breast carcinoma: update and recommendations for the new TNM staging, Ege GN; Clark RM, (Radiology), 158: 566, 1986
- postoperative axillary lymphoscintigraphy in management of breast cancer, Bourgeois F Fruhling J; Henry J, (Radiology), 151: 563,
- role of breast scintigraphy in detecting breast masses, Khayat G; Achram M; Rizk C, (Radiology), **158**: 566, 1986

# Breast neoplasms, secondary

metastatic tumors in the breast: sonographic findings, Derchi LE; Rizzatto G; Giuseppetti G; et al, (J Ultrasound Med), 4: 69, 1985

# Breast neoplasms, therapeutic radiology

- biopsy and definitive radiation therapy in stages I and II carcinoma of the female breast, Ray GR; Fish VJ; Lee RH; et al, (Radiology), **151**: 564, 1984
- breast cancer: postoperative radiation therapy, del Regato JA, (Radiology), 157: 267, 1985
- breast irradiation following silicone gel implants, Jacobson GM, Sause WT; Thomson JW; et al. (Int J Radiat Oncol Biol Phys), 12: 835, 1986
- combined external and interstitial irradiation in the treatment of stage III breast cancer, Puthawala AA; Syed AMN; Sheikh KMA; Gowdy RA; McNamara CS, (Radiology), 153: 813, 1984
- conservative management of breast carcinoma. the Creteil experience, Pierquin B; Otmezguine Y; Lobo PA, (Radiology), 151: 837, 1984
- conservative treatment of breast cancer: mammography in patient selection and follow-up, Paulus DD, (AJR), 143: 483, 1984
- CT demonstration of pulmonary effects of tangential beam radiation, Coscina WF; Arger PH; Mintz MC; et al, (JCAT), 10: 600, 1986
- effect of definitive irradiation on local control and disease free survival in breast cancer, Levitt SH; Potish RA; Boen JR; et al, (Int J Radiat Oncol Biol Phys), **12:** 673, 1986

- electrocardiographic changes after radiation therapy for carcinoma of the breast incidence and functional significance, Lindahl J; Strender L-E; Larsson L-E; et al, (Radiology), 154: 286, 1985
- (Madiology), 247, 206, 1980, radiation induced immunodepression and post-operative radiation therapy, Tubiana M; Arriagada R; Sarrazin D, (Int J Radiat Oncol Biol Phys), 12: 477, 1986
- influence of adjuvant irradiation on shoulder joint function after mastectomy for breast carcinoma, Ryttov N; Blichert-Toft M; Madsen EL; et al, (Radiology), **151:** 280, 1984
- interstitial radiation therapeutic techniques at Mount Vernon Hospital, Denham JW; Strickland P; Alderson AM; et al, (Radiology), 150: 870, 1984
- intraoperative interstitial implantation of iridium 192 in the breast, Mansfield CM; Jewell WR, (Radiology), **150**: 600, 1984
- late breast recurrence after lumpectomy and irradiation, Kurtz JM; Spitalier J-M; Amalric R, (Radiology), **154**: 573, 1985
- late effects of adjuvant radiotherapy for breast cancer, Ferguson DJ; Sutton HG; Dawson DJ, (Radiology), **156**: 287, 1985
- local control and survival in early breast cancer: Milan trial, Veronesi U; Zucali R; Luini A, (Int J Radiat Oncol Biol Phys), 12: 717, 1986 local control and survival of breast cancer
- ical control and survival of breast cancer treated by limited surgery followed by irradiation, Calle R; Vilcoq JR; Zafrani B; et al, (Int J Radiat Oncol Biol Phys), 12: 873, 1986
- mammographic changes following radiotherapy, Buckley JH; Roebuck EJ, (Br J Radiol), 59: 337, 1986
- management of locally advanced carcinoma of the breast by primary radiation therapy, Harris J; Sawicka J; Gelman R; et al, (Radiology), 151: 565, 1984
- megavolt electron irradiation in the treatment of recurrent carcinoma of the breast on the chest wall, Lo TCM; Salzman FA; Wright KA; et al, (Radiology), 151: 837, 1984
- pathophysiologic and roentgenologic effects of chest irradiation in breast carcinoma, Kaufman J; Gunn W; Hartz AJ; et al, (Int J Radiat Oncol Biol Phys), 12: 887, 1986
- postoperative radiotherapy in breast cancer—long-term results from the Oslo study, Host H; Brennhovd IO; Loeb M, (Int J Radiat Oncol Biol Phys), 12: 727, 1986
- practical technique for the localization of the tumor volume in definitive irradiation of the breast, Solin LJ; Danoff BF; Schwartz GF; et al, (Radiology), 157: 576,
- president's address: cancer cure with organ preservation using radiaion therapy, Brady LW; Markoe AM; Fisher S, (Radiology), 160: 1, 1986
- problem of local control in patients with advanced breast cancer—combined modality approach, Boyages J, (Australas Radiol), 30: 60, 1986
- radiation survival of human mammary carcinoma cells: criteria for an agar-base clonogenic assay, Besch GJ; Tanner MA; Sattler CA; et al, (Int J Radiat Oncol Biol Phys), 12: 75, 1986
- radiation therapy in operable breast cancer: results from the Stockholm trial on adjuvant radiotherapy, Wallgren A; Arner O; Bergstrom J; et al, (Int J Radiat Oncol Biol Phys), 12: 533, 1986
- radiotherapy and breast conservation, Tobias JS, (Br J Radiol), 59: 653, 1986
- regional lung function impairment following post-operative radiotherapy for breast cancer using direct or tangential field techniques, Groth S; Zaric A; Sorenson PB; et al, (Br J Radiol), 59: 445,
- results of re-excisional biopsy of the primary tumor in preparation for definitive irradiation of patients with early stage breast cancer, Solin LJ; Fowble B; Martz K; et al, (Int J Radiat Oncol Biol Phys), 12,721,125 12: 721, 1986
- results of treatment of primary breast carcinoma by radical radiotherapy with artificial pneumothorax, Benghiat A; Tyrrell CJ; Davidson HE; et al, (Clin Radiol), 37: 313, 1986

# Breast radiography, technology

sarcoma of bone following therapeutic irradiation for breast carcinoma, Doherty MA; Rodger A; Langlands AO, (Int J Radiat Oncol Biol Phys), 12: 103, 1986

J Radiat Oncol Biol Phys), 12: 103, 1986
Breast neoplasms, therapy
contributions of radiology to the diagnosis,
management, and cure of breast cancer,
Lester RG, (Radiology), 151: 1, 1984
local control and survival of breast cancer
treated by limited surgery followed by
irradiation, Calle R; Vilcoq JR;
Zafrani B; et al, (Int J Radiat Oncol Biol
Phys), 12: 873, 1986

rnys), 12: 873, 1986 mammographic parenchymal patterns: value as a predictor of hormone dependency and survival in breast cancer, Hinton CP; Roebuck EJ; Williams MR; et al. (AJR.), 144: 1103 1985

problem of local control in patients with advanced breast cancer—combined modality approach, Boyages J, (Australas Radiol), 30: 60, 1986

responsibility of radiologists in the preservation of breast and rectum in cancer treatment, Papillon J, (Clin Radiol), 37: 303,

Breast neoplasms, US studies

reast neoplasms, US studies automated breast sonography using a 7.5-MHz PVDF transducer: preliminary clinical evaluation. work in progress, Jackson VP; Kelly-Fry E; Rothschild PA; Holden RW; Clark SA, (Radiology), 159: 679, 1986 axillary lymph node metastases in breast

axillary lymph node metastases in breast cancer: preoperative detection with US, Bruneton JN; Caramella E; Hery M; Aubanel D; Manzino JJ; Picard JL, (Radiology), 158: 325, 1986
benign breast lesions: ultrasound detection and diagnosis, Sickles EA; Filly RA; Callen PW, (Radiology), 151: 467, 1984
breast, Kopans DB, (Clin Diagn Ultrasound), 14: 87, 1984

14: 87, 1984 breast mass detection by US: phantom study, Davros WJ; Madsen EL; Zagzebski JA, (Radiology), 156: 773, 1985 intracystic carcinoma of the breast: the role of ultrasonography, Reuter KL; D'Orsi CJ; Reale F, (Radiology), 153: 233, 1984 specificity of ultrasonography in the diagnosis of benign breast masses, Heywang SH; Lipsit ER; Glassman LM; et al., (Radiology), 155: 862, 1985

spectrum of sonographic findings of fibroadenoma of the breast, Jackson VP; Rothschild PA; Kreipke DL; et al, (Invest Radiol), 21: 34, 1986

Radiol), 21: 34, 1986 ultrasound transmission computed tomography of the breast, Schreiman JS; Gisvold JJ; Greenleaf JF; Bahn RC, (Radiology), 150: 523, 1984 whole-breast US imaging; Gour-year follow-up, Kopans DB; Meyer JE; Lindfors KK, (Radiology), 157: 505, 1985 irgast radiography

Breast radiography benign disorders of the breast in older women, Devitt JE, (Radiology), 160: 857, 1986 breast calcifications: mammographic evaluation, Sickles EA, (Radiology), 160: 289,

breast cancer: age-specific growth rates and screening strategies, Moskowitz M, (Radiology), 161: 37, 1986 breast cancer prediction and the Wolfe

classification of mammograms, Carlile T; Kopecky KJ; Thompson DJ; et al, (Radiology), 157: 852, 1985

(Radiology), 197: 632, 1985 breast cancer screening: underuse of mammography, Fox S; Baum JK; Klos DS; Tsou CV, (Radiology), 156: 607, 1985 breast cancer screening: underuse of mammography, Williams JC, (Radiology), 159: 566, 1986

breast imaging: pitfalls, controversies, and some practical thoughts, Homer MJ, (Radiol Clin North Am), 23: 459, 1985

breast imaging: state-of-the-art, Gold RH; Bassett LW; Kimme-Smith C, (Invest Radiol), 21: 298, 1986

breast light scanning: a real-time bre-imaging modality, McIntosh DMF, (Radiology), 153: 271, 1984

heast parenchymal patterns in women with bilateral primary breast cancer, Chaudary MA; Gravelle IH; Bulstrode JC; et al. (Radiology), 152: 252,

comparison of mammography and transillumination light scanning in the detection of breast lesions, Gisvold JJ; Brown LR; Swee RG; et al, (AJR), 147: 191,

computed tomography of breast lesions: comparison with x-ray mammography, Muller JWT; van Waes PFGM; Koehler PR, (Radiology), 151: 555, 1984

conservative treatment of breast cancer: mammography in patient selection and follow-up, Paulus DD, (AJR), 143: 483, 1984.

contributions of radiology to the diagnosis, management, and cure of breast cancer, Lester RG, (Radiology), **151**: 1, 1984

difficult mammographic needle localizations: use of alternate orthogonal projections, Vyborny CJ; Merrill TN; Geurkink RE, (Radiology), 161: 839, 1986

dosage evaluation in mammography, Stanton L; Villafana T; Day JL; Lightfoot DA, (Radiology), **150**: 577, 1984

"early" breast cancer detection using techniques other than mammography, Kopans DB, (AJR), 143: 465, 1984

how to initiate and operate a low-cost screening mammography center, Bird RE; McLelland R, (Radiology), 161: 43, 1986

male mammography, Dershaw DD, (AJR), 146: 127, 1986

mammographically occult breast cancer. a pathologic and radiologic study, Holland R; Hendriks JHCL; Mravunac M, (Radiology),

mammographic and pathologic correlations in a breast screening programme, Stamp GWH; Whitehouse GH; McDickens IW; et al, (Radiology), 151: 546, 1984

mammographic changes following radiotherapy, Buckley JH; Roebuck EJ, (Br J Radiol), 59: 337, 1986

mammographic features of 300 consecutive nonpalpable breast cancers, Sickles EA, (AJR), 146: 661, 1986

mammographic features of "early" breast cancer, Sickles EA, (AJR), 143; 461, 1984

mammographic features of sclerosing adenosis presenting as a tumnour, Nielsen NSM; Nielsen BB, (Clin Radiol), 37: 371, 1986

mammographic intra-arterial calcifications, Schmitt EL; Threatt B, (Radiology), 153: 563,

mammographic microcalcifications: detection with xerography, screen-film, and digitized film display, Smathers RL; Bush E; Drace J; Stevens M; Sommer FG; Brown BW Jr; Karras B, (Radiology), 159: 673, 1986

mammographic screening: how to operate successfully at low cost, Sickles EA; Weber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), 160: 95, 1986

mammographic screening: how to operate successfully at low cost, Evens RG, (Radiology), 161: 850, 1986

mammographic screening: how to operate successfully at low cost: reply, Sickles EA; Weber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), 161: 850, 1986

mammographic screening: how to operate successfully at low cost, Hall FM, (Radiology), 161: 851, 1986

mammographic screening: how to operate successfully at low cost: reply, Sickles EA; Webber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), 161: 851, 1986

mammography 1984: challenge to radiology, McLelland R, (AJR), 143: 1, 1984

mammography in women under age 30: is there clinical benefit?, Williams SM; Kaplan PA; Petersen JC; Lieberman RP, (Radiology), 161: 49, 1986

nonpalpable breast abnormalities: a realistic view of the accuracy of mammography in detecting malignancies, Homer MJ, (Radiology), **153**: 831, 1984

nonpalpable breast lesion localization: limited efficacy of sonography, Weber WN; Sickles EA; Callen PW; Filly RA, (Radiology), 155: 783, 1985

objective assessment of mammography systems. part II: implementation, Hessler C; Depeursinge C; Grecescu M; Pochon Y; Raimondi S; Valley JF, (Radiology), 156: 221,

objective assessment of mammography systems. part I: method, Hessler C; Depeursinge C; Grecescu M; Pochon Y; Raimondi S; Valley JF, (Radiology), **156**: 215,

oblique-view mammography: adequacy for screening, work in progress, Muir BB; Kirkpatrick AE; Roberts MM; Duffy SW, (Radiology), 151: 39, 1984

prebiopsy localization of nonpalpable breast lesions, Gisvold JJ; Martin JK Jr, (AJR), 143: 477.1984

radiation risk from mammography: is it clinically significant?, Feig SA, (AJR), 143: 469, 1984

radiographic diagnosis of non-palpable breast lesions: correlation to pathology, Oppedal BR; Drevvatne T, (Radiology), 152: 252, 1984

screening mammography: referral practices of Los Angeles physicians, Bassett LW; Bunnell DH; Cerny JA; et al, (AJR), 147: 689,

1906
sensitivity and specificity of first screen mammography in the Canadian National Breast Screening Study: preliminary report from five centers, Baines CJ; Miller AB; Wall C; McFarlane DV; Simor IS; Jong R; Shapiro BJ; Audet L; Petitclerc M; Ouimet-Oliva D; Ladouceur J; Hebert G; Minuk T; Hardy G; Standing HK, (Radiology), 160: 295, 1986

what is a useful adjunct to mammography?, Kopans DB, (Radiology), 161: 560, 1986

Wolfe mammographic parenchymal patterns: study of the masking hypothesis of Egan and Mosteller, Whitehead J; Carille T; Kopecky KJ; et al, (Radiology), 158: 857, 1986

Breast radiography, quality assurance anthropomorphic radiologic phantoms, Yaffe MJ; Johns PC; Nishikawa RM; Mawdsley GE; Caldwell CB, (Radiology), 158: 550, 1986

mammography phototimer technique chart, Niklason LT; Barnes GT; Rubin E, (Radiology), **157**: 539, 1985

Breast radiography, radiation dose

absorbed breast dose: dependence on radiographic modality and technique, and breast thickness, Skubic SE; Fatouros PP, (Radiology), 161: 263, 1986

dosage evaluation in mammography, Stanton L; Villafana T; Day JL; Lightfoot DA, (Radiology), 150: 577, 1984

objective assessment of mammography systems. part II: implementation, Hessler C; Depeursinge C; Grecescu M; Pochon Y; Raimondi S; Valley JF, (Radiology), 156: 221,

objective assessment of mammography systems. part I: method, Hessler C; Depeursinge C; Grecescu M; Pochon Y; Raimondi S; Valley JF, (Radiology), 156: 215,

stationary and moving mammography grids: comparative radiation dose, Dershaw DD; Malik S, (AJR), 147: 491, 1986

Breast radiography, technology

absorbed breast dose: dependence on radiographic modality and technique, and breast thickness, Skubic SE; Fatouros PP, (Radiology), 161: 263, 1986

(Radiology), 101-203-1700 development of ultra-high-strip-density (UHSD) grids: new antiscatter technique for mammography, Chan H-P; Frank PH; Doi K; Iida N; Higashida Y, (Radiology), 154: 807,

digital radiographic imaging system for mammography, Fritz SL; Chang CHJ; Gupta NK; et al, (Invest Radiol), 21: 581, 1986

high-contrast mammography with a moving grid: assessment of clinical utility, Sickles EA; Weber WN, (AJR), 146: 1137,

mammographic needle localization of lesions seen in only one view, Yagan R; Wiesen E; Bellon EM, (AJR), 144: 911, 1985

mammography phototimer technique chart, Niklason LT; Barnes GT; Rubin E, (Radiology), 157: 539, 1985

(Radiology), 137: 539, 1965
mammography using an ultrahigh-stripdensity, stationary, focused grid,
Dershaw DD: Masterson ME: Malik S;
Cruz NM, (Radiology), 136: 541, 1985
needle localization of occult breast lesions

with a curved-end retractable wire: technique and pitfalls, Homer MJ; Pile-Spellman ER, (Radiology), 161: 547, 1986

objective assessment of mammography systems. part II: implementation, Hessler C; Depeursinge C; Grecescu M; Pochon Y; Raimondi S; Valley JF, (Radiology), 156: 221,

# Breast radiography, technology

objective assessment of mammography systems. part I: method, Hessler C; Depeursinge C; Grecescu M; Pochon Y; Raimondi S; Valley JF, (Radiology), **156**: 215,

#### Bromocriptine

assessment by computed tomography of the response of pituitary macroadenomas to bromocriptine, Chakera TMH; Khangure MS; Pullen P, (Radiology), 157: 574, 1985

cerebrospinal fluid rhinorrhea caused by bromocriptine therapy of prolactinoma, Holness RO; Schlossberg AH; Heffernan LRPM, (Radiology), 153: 276, 1984

explanation and implications of MR signal changes within pituitary adenomas after bromocriptine therapy, Weissbuch SS, (AJNR), 7: 214, 1986

ransient intrasellar collection of air during bromocriptine treatment of a prolactinoma, Fagel WJ; Hekster REM; Smith SJ; et al, (Neuroradiol), 28: 364, 1986

#### Bronchi

See also Lung anterior bronchus sign: new clue to hilar abnormality, Spizany DL; Cavanaugh B, (AJR), 145: 265, 1985

broncholithiasis: its detection by computed tomography in patients with recurrent hemoptysis of unknown etiology, Shin MS; Ho K-J, (Radiology), **150**: 614, 1984

thickening of the posterior wall of the bronchus intermedius in right lung pneumonia, Martinez LO; Esserman L, (Radiology), **156**: 561, 1985

#### Bronchi, abnormalities

"communicating" bronchopulmonary foregut malformations, Leithiser RE Jr; Capitanio MA; Macpherson RI; et al, (AJR), 146: 227, 1986

congenital bronchobiliary fistula, Chang CCN; Giulian BB, (Radiology), **156**: 82, 1985

Guiuan BB, (Kadiology), 156: 82, 1985 posterior wall of the bronchus intermedius: radiographic-CT correlation, Webb WR; Hirji M; Gamsu G, (AJR), 142: 907, 1984 unusual demonstration of supernumerary bronchial lobe by pulmonary imaging, Liu R-5; Chen C-Y; Yeh S-H, (Clin Nucl Med), 11: 438, 1986

# Bronchi, angiography

bronchial and intercostal angiography with ioxaglate and diatrizoate in man. a comparative investigation, Kumazaki T; Hosoi S; Sugawara K; et al, (Radiology), 154:

bronchial angiography: report of 21 patients, Cadotte R; Leger C; Harel C; et al, (J Canad Assoc Radiol), 37: 22, 1986

bronchial arteriography in patients with pulmonary embolism, Matsuda A, (Radiology), **154**: 269, 1985

bronchial venous plexus and its communication with pulmonary circulation, Murata K; Itoh H; Todo G; et al, (Invest Radiol), 21: 24, 1986

#### Bronchi, CT

bronch, C1
bronchiectasis: assessment by thin-section CT, Grenier P; Maurice F; Musset D; Menu Y; Nahum H, (Radiology), 161: 95, 1986
bronchogenic cyst causing superior vena cava obstruction: CT appearance, Bankoff MS; Daly BDT; Johnson HA; et al, (JCAT), 9: 951, 1985

calcified lymph node metastases in bronchioloalveolar carcinoma, Mallens WMC; Nijhuis-Heddes JMA; Bakker W, (Radiology), 161: 103, 1986 computed-tomographic and conventional

computed-tomographic and conventional linear-tomographic evaluation of tracheobronchial lesions for laser photoresection. Pearlberg JL; Sandler MA; Kvale P; Beute GH; Madrazo BL, (Radiology), 154: 759, 1985 computed tomography diagnosis of bronchial compression by the spine after surgical correction of scoliosis, Karoll M; Hernandez RJ; Wessel HU, (Radiology), 154: 853, 1985

computed tomography of bronchial carcinoid, Aronchick JM; Wexler JA; Christen B; et al, (JCAT), 10: 71, 1986

computed tomography of the tracheal bronchus, Shipley RT; McLoud TC; Dedrick CG; et al. (JCAT), 9: 53, 1985

CT identification of bronchopulmonary segments: 50 normal subjects, Osborne DR; Vock P; Godwin JD; et al, (AJR), **142**: 47,

evaluation of the bronchi with CT, Proto AV, (Semin Roentgenol), 19: 199, 1984

how useful is computed tomography in the diagnosis and assessment of bronchiectasis?, Phillips M5; Williams MP; Flower CDR, (Clin Radiol), 37: 321, 1986

identification of a bronchopleural fistula by computerized tomography—a case report, Peters ME; Gould HR; McCarthy TM, (Radiology), 151: 554, 1984

localized peribronchial thickening: CT sign of occult bronchogenic carcinoma, Foster WL Jr; Roberts L Jr; McLendon RE; et al, (AJR), 144: 906, 1985

preoperative evaluation of bronchiectasis by computed tomography, Breatnach ES; Nath PH; McElvein RB, (JCAT), 9: 949, 1985

right-pneumonectomy syndrome: radiologic findings and CT correlation, Shepard J-AO; Grillo HC; McLoud TC; Dedrick ČC; Spizarny DL, (Radiology), **161**: 661, 1986

role of computed tomography in the recognition of bronchiectasis, Muller NL; Bergin CJ; Ostrow DN; et al. (AJR), 143: 971, 1984

segmental bronchovascular anatomy of the lower lobes: CT analysis, Jardin M; Remy J, (AJR), 147: 457, 1986

#### Bronchi, cysts

bronchogenic cyst causing superior vena cava obstruction: CT appearance, Bankoff MS; Daly BDT; Johnson HA; et al, (JCAT), 9: 951,

#### Bronchi, diseases

allergic bronchopulmonary aspergillosis: natural history and classification of early disease by seriologic and roentgenographic studies, Patterson R; Greenberger PA; Halwig JM; et al, (Radiology), 161: 282, 1986

pseudomembranous necrotizing bronchial aspergillosis, variant of invasive aspergillosis in a patient with hemophilia and acquired immune deficiency syndrome, Pervez NK; Kleinerman J; Kattan M; et al, (Radiology), 157: 563, 1985

right-pneumonectomy syndrome: radiologic findings and CT correlation, Shepard J-AO; Grillo HC; McLoud TC; Dedrick CG; Spizarny DL, (Radiology), 161: 661, 1986

# Bronchi, inflammation

See Bronchitis

# Bronchi, neoplasms

calcified lymph node metastases in bronchioloalveolar carcinoma, Mallens WMC; Nijhuis-Heddes JMA; Bakker W, (Radiology), 161: 103, 1986

case report 372, Kaplan PA; Phalen J; Macke R, (Skeletal Radiol), 15: 383, 1986

computed-tomographic and conventional linear-tomographic evaluation of tracheobronchial lesions for laser photoresection, Pearlberg JL; Sandler MA; Kvale P; Beute GH; Madrazo BL, (Radiology), 154: 759, 1985

computed tomography of bronchial carcinoid, Aronchick JM; Wexler JA; Christen B; et al, (JCAT), 10: 71, 1986

CT findings of lobar bronchioloalveolar carcinoma, Im J-G; Choi BI; Park JH; et al, (JCAT), 10: 320, 1986

endobronchial interstitial brachytherapy using a bronchofiberscope with a flexible injector system, Mittal BB; Matuschak G; Culpepper J, (Radiology), 152: 219, 1984

endobronchial involvement with non-Hodgkin's lymphoma: clinical-radiologic analysis, Rose RM; Grigas D; Strattemeir E; et al, (Radiology), 161: 574,

endobronchial non-Hodgkin's lymphoma, Kilgore TL; Chasen MH, (Radiology), **150**: 853, 1984

hypertrophic pulmonary osteoarthropathy in association with a bronchial carcinoid tumour, Bradford R; Griffiths MH; Goldstraw P, (Radiology), 154: 847, 1985

incidence of pulmonary nodules detected by computed tomography in patients with bronchial carcinoma, Mitchell DM; Shah SH; Edwards D; et al. (Clin Radiol), 37:

isolated adrenal masses in nonsmall-cell bronchogenic carcinoma, Oliver TW Jr; Bernardino ME; Miller JI; Mansour K; Greene D; Davis WA, (Radiology), 153: 217, 1984 localized peribronchial thickening: CT sign of occult bronchogenic carcinoma, Foster WL Jr; Roberts L Jr; McLendon RE; et al, (AJR), 144: 906, 1985

magnetic resonance imaging of the normal and abnormal pulmonary hila, Webb WR; Gamsu G; Stark DD; Moore EH, (Radiology), 152: 89, 1984

mediastinal evaluation in lung cancer, Libshitz HI; McKenna RJ Jr; Haynie TP; McMurtrey MJ; Mountain CT, (Radiology), 151: 295, 1984

mediastinal masses: MR imaging, von Schulthess GK; McMurdo KK; Tscholakoff D; de Geer G; Gamsu G; Higgins CB, (Radiology), **158**: 289, 1986

profound xenon-133 trapping in left main bronchus: obstruction by necrotic tumor, Hartshorne MF; Brown JM; Cawthon MA; et al, (Clin Nucl Med), 11:

525, 1986

radiation fibrosis mimicking local recurrence in small cell carcinoma of the bronchus, Lever AML; Henderson D: Ellis DA; et al, (Radiology), 153: 266, 1984

radiographic differences between two subtypes of bronchioloalveolar carcinoma, Schraufnagel DE; Peloquin A;

Pare JAP; et al, (Radiology), 159: 569, 1986

retrospective study of thirty-two patients with small-cell bronchogenic carcinoma and inappropriate secretion of antidiuretic hormone, Lockton JA; Thatcher N, (Clin Radiol), 37: 47, 1986

vacuole sign in roentgen diagnosis of early peripheral bronchogenic adenocarcinoms Zhong Z, (Radiology), **151:** 257, 1984

Bronchi, obstruction

See Bronchi, stenosis Bronchi, radiography

#### See Bronchography Bronchi, stenosis

balloon dilatation of tracheal and bronchial stenosis, Cohen MD; Weber TR; Rao CC, (AJR), 142: 477, 1984

bronchial compression by dilated pulmonary artery: surgical treatment, Corno A; Picardo S; Ballerini L; et al, (Radiology), **160**: 283, 1986

bronchial obstruction: a radiographic sign, Berdon WE; Dee G; Abramson SJ; Altman RP; Wung J-T, (Radiology), 150: 691,

CT of lobar collapse, Naidich DP; Ettinger N; Leitman BS; et al, (Semin Roentgenol), 19: 222, 1984

evaluation of the bronchi with CT, Proto AV, (Semin Roentgenol), 19: 199, 1984

(Semin Roentgenol), 19: 199, 1984 right-pneumonectomy syndrome: radiologic findings and CT correlation, Shepard J-AO; Grillo HC; McLoud TC; Dedrick CG; Spizarny DL, (Radiology), 161: 661, 1986 tracheobronchial tree: expandable metallic stents used in experimental and clinical applications. work in progress, Wallace MJ; Charnsangavej C; Ogawa K; Carrasco CH; Wright KC; McKenna R; McMurtrey M; Gianturco C, (Radiology), 158: 309, 1986 ronchi. therapeutic radiology

Bronchi, therapeutic radiology systemic radiation and split-course radiotherapy for non-small-cell bronchial carcinoma, Qasim M. (Clin Radiol), 37: 51,

# Bronchiectasis

alpha-1-antitrypsin deficiency presenting as bronchiectasis, Jones DK; Godden D; Cavanagh P, (Radiology), 158: 281, 1986 bronchiectasis: assessment by thin-section CT, Grenier P; Maurice F; Musset D; Menu Y; Nahum H, (Radiology), 161: 95, 1986

how useful is computed tomography in the diagnosis and assessment of bronchiectasis?, Phillips MS; Williams MP; Flower CDR, (Clin Radiol), 37: 321, 1986

preoperative evaluation of bronchiectasis by computed tomography, Breatnach ES; Nath PH; McElvein RB, (JCAT), 9: 949, 1985

role of computed tomography in the recognition of bronchiectasis, Muller NL; Bergin CJ; Ostrow DN; et al, (AJR), 143: 971, 1984

traction bronchiectasis in end-stage pulmonary fibrosis, Westcott JL; Cole SR, (Radiology), **161**: 665, 1986

# Bronchiolitis

bronchiolitis obliterans, McLoud TC; Epler GR; Colby TV; Gaensler EA; Carrington CB, (Radiology), **159:** 1, 1986

radiological findings in children with respiratory syncytial virus infection: relationship to clinical and bacteriological findings, Eriksson J; Nordshus T; Carlsen K-H; et al, (Pediatr Radiol), 16: 120, 1986

plastic bronchitis: large, branching, mucoid bronchial casts in children, Bowen A; Oudjhane K; Odagiri K; et al, (AJR), 144: 371,

Bronchography

air bronchogram: sonographic demonstration, Weinberg B; Diakoumakis EE; Kass EG; et al, (AJR), 147: 593, 1986

(AJR), 147: 593, 1986 bronchiectasis: assessment by thin-section CT, Grenier P; Maurice F; Musset D; Menu Y; Nahum H, (Radiology), 161: 65, 1986 traction bronchiectasis in end-stage pulmonary fibrosis, Westcott JL; Cole SR, (Radiology), 161: 655, 1986 unusual pulmonary reactions to oily propyliodone (dionosil) in bronchography, Wardman AG; Willey RF; Cooke NJ; et al, (Radiology), 151: 258, 1984 troncholithiasis

Broncholithiasis

clinical commentary. advances in the diagnosis and treatment of broncholithiasis, Dixon GF; Donnerberg RL; Schonfeld SA; et al., (Radiology), 154: 269,

Bronchoscopy
bilateral bronchial carcinoma, Lundgren R,
(Radiology), 153: 845, 1984

clinical commentary, advances in the diagnosis and treatment of broncholithiasis, Dixon GF; Donnerberg RL; Schonfeld SA; et al. (Radiology), 154: 269,

comparison of computerized tomography with fiberoptic bronchoscopy in identifying endobronchial abnormalities in patients with known or suspected lung cancer, Colice GI; Chappel GJ; Frenchman SM; et al, (Radiology), 156: 853, 1985

(Radiology), José 833, 1996 lung cancer cell type as a determinant of bronchoscopy yield, Zisholtz BM; Eisenberg H, (Radiology), 152: 249, 1984 patient for diagnosis: chronic and fluctuating pneumonia, Gregoire P; Chalaoui J; Boldue P; et al, (Radiology), 151: 257, 1984

role of fiberoptic bronchoscopy in patients with hemoptysis and a normal chest roentgenogram, Jackson CV; Savage PJ; Quinn DL, (Radiology), 156: 261, 1985

Brown syndrome

See Eve, abnormalities

embolotherapy in vascular disease White RI Jr, (AJR), 142: 27, 1984

willie KIJI, (AJK), 142. 27, 1504 histologic analysis of tissue response to Bucrylate-Pantopaque mixture, Cromwell LD; Freeny PC; Kerber CW; et al, (AJR), 147: 627, 1986

**Budd-Chiari** syndrome See Hepatic veins, thrombosis

**Burkitt tumor** 

See Lymphoma

bursae and abscess cavities communicating with the hip: diagnosis using arthrograph, and computed tomography, Steinbach LS; Schneider R; Goldman AB; Kazam E; Ranawat CS; Ghelman B, (Radiology), 156: 303, 1985

ons, 1963 enlarged iliopsoas bursa simulating neoplasm on sonographic examination, Leekam RN; Matzinger MA; Mustard RA; et al. (J Ultrasound Med), 4: 493, 1985

MR imaging of iliopsoas bursitis and concurrent avascular necrosis of the femoral head, Cohen JM; Hodges SC; Weinreb JC; et al. (JCAT), 9: 969, 1985

xeroradiography in the diagnosis of the Haglund syndrome, Burhenne LJW; Connell DG, (J Canad Assoc Radiol), 37: 157,

C

Calcaneus

aneurysmal bone cyst of the calcaneus, Hertzanu Y; Mendelsohn DB; Gottschalk F, (Radiology), 151: 51, 1984 ssimilated os sustentaculi, Bloom RA; Libson E; Lax E; et al, (Skeletal Radiol), 15: 455, 1986

bone scintigraphy of the calcaneus, Brown ML; Swee RG; Johnson KA, (Clin Nucl Med), 11: 530, 1986

can a calcaneal morphologic index determine the degree of osteoporosis?, Cockshott WP; Occleshaw CJ; Webber C; et al, (Radiology), 154: 849, 1985

computed tomography of calcaneal fractures, Heger L; Wulff K; Seddiqi MSA, (AJR), 145: 131, 1985

computed tomography of the calcaneus: normal anatomy, Heger L; Wulff K, (AJR), 145: 123, 1985

in trabecular bone mineral density measurement in vivo: use of the ratio of coherent to Compton-scattered photons in the calcaneus, Shukla S5; Leichter I; Karellas A; Craven JD; Greenfield MA, (Radiology), 158:

Calcaneus, fractures

fractures of the talus and calcaneus: evaluation by computed tomography, Hindman BW, Ross SDK; Sowerby MRR, (CT), **10**: 191, 1986

value of computed tomography in the early assessment of comminuted fractures of the calcaneus: review of three patients, Pablot SM; Daneman A; Stringer DA; et al, (Radiology), 157: 854, 1985

See under names of organs and regions, such as Brain, calcification

Calcinosis

See Calcium

Calcium

ancium inhibition of platelet function by contrast media: iopamidol and ioxaglate versus iothalamate. work in progress, Rao AK; Rao VM; Willis J; Beckett C; Steiner RM, (Radiology), 156: 311, 1985 massive calcium pyrophosphate crystal deposition at the craniovertebral junction, El-Khoury GY; Tossi JE; Clark CR; et al, (AJR), 145: 777, 1985

tumoral calcinosis, diaphysitis, and hyperphosphatemia, Clarke E; Swischuk LE; Hayden CK Jr, (Radiology), **151**: 643, 1984

Californium, radioactive

Cf-252 neutron brachytherapy: an advance for bulky localized cancer therapy, Maruyama Y, (Radiology), **153**: 576, 1984

implantation of brain tumors with Cf-252: use of computed tomography and magnetic resonance imaging to guide insertion and evaluate response, Maruyama Y, Chin HW; Young AB; Wang PC; Tibbs PA; Beach JL; Goldstein S, (Radiology), 152: 177, 1984

reutron and gamma dose distribution for tandem, tandem and ovoid and plaque for intracavitary <sup>252</sup>Cf therapy of cervix carcinoma, Maruyama Y; Tai DL; Beach JL, (Radiology), **152**: 566, 1984

present status of treatment of malignant neoplasms by <sup>252</sup>Cf brachytherapy, Maruyama Y, (Radiology), **154**: 287, 1985

Calve-Legg-Perthes disease

See Osteochondritis, deformans juvenilis

inside the multiformat camera, Trefler M, (Radiographics), 4: 785, 1984

positron camera using position-sensitive detectors: PENN-PET, Muehllehner G; Karp JS, (J Nucl Med), 27: 90, 1986

test pattern for video displays and hard-copy cameras, Gray JE; Lisk KG; Haddick DH; Harshbarger JH; Oosterhof A; Schwenker R, (Radiology), 154: 519, 1985

Cancer

See Cancer screening; Neoplasms; Radiations, injurious effects; Radiobiology; under names of organs and regions; under names of individual neoplasms

Cancer screening

breast cancer: age-specific growth rates and screening strategies, Moskowitz M, (Radiology), 161: 37, 1986

how to initiate and operate a low-cost screening mammography center, Bird RE; McLelland R, (Radiology), 161: 43, 1986

mammographic and pathologic correlations a breast screening programme, Stamp GWH; Whitehouse GH; McDickens IW; et al, (Radiology), **151**: 546, 1984

mammographic screening: how to operate successfully at low cost, Sickles EA; Weber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), 160: 95, 1986

mammographic screening: how to operate successfully at low cost, Evens RG, (Radiology), **161**: 850, 1986

mammographic screening: how to operate successfully at low cost: reply, Sickles EA; Weber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), 161: 850, 1986

mammographic screening: how to operate successfully at low cost, Hall FM, (Radiology), **161**: 851, 1986

mammographic screening: how to operate successfully at low cost: reply, Sickles EA; Webber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), 161: 851, 1986

routine breast screening: survival after 10.5 years follow-up, Letton AH; Mason EM, (Radiology), 161: 574, 1986

screening mammography: referral practices of Los Angeles physicians, Bassett LW; Bunnell DH; Cerny JA; et al, (AJR), 147: 689,

mammography in the Canadian National Breast Screening Study: preliminary report from five centers, Baines CJ; Miller AB; Wall C; McFarlane DV; Simor IS; Jong R; Shapiro Bj; Audet L; Petitelerc M; Ouimet-Oliva D; Ladouceur J; Hebert G; Minuk T; Hardy G; Standing HK, (Radiology), 160: 295, 1986

value of roentgenologic screening in lung cancer, Huhti E; Saloheimo M; Sutinen S, (Radiology), **151**: 543, 1984

Candidiasis

candida esophagitis: accuracy of radiographic diagnosis, Levine MS; Macones AJ Jr; Laufer I, (Radiology), **154**: 581, 1985

candidal infection in the central nervous system, Lipton SA; Hickey WF, Morris JH; et al, (Radiology), **153**: 569, 1984

focal esophageal candidiasis in acquired immunodeficiency syndrome (AIDS), Farman J; Tavitian A; Rosenthal LE; et al, (Gastrointest Radiol), 11: 213, 1986

invasive gastric candidiasis, Pugh TF; Fitch SJ, (Pediatr Radiol), 16: 67, 1986

neonatal renal candidiasis: sonographic diagnosis, Kintanar C; Cramer BC; Reid WD; et al, (AJR), **147**: 801, 1986

primary renal candidiasis in two preterm many reliat candidasis in two preterm neonates, report of cases and review of literature on renal candidasis in infancy, Pappu LD; Purohit DM; Bradford BF; et al, (Radiology), 156: 859, 1985

real-time ultrasonographic surveillance in the detection of CNS involvement in systemic Candida infection, Bozynski ME; Naglie RA; Russell EJ, (Pediatr Radiol), 16: 235, 1986

renal candidiasis of the infant: ultrasound evaluation, Cohen HL; Haller JO; Schechter S; et al, (Urol Radiol), 8: 17, 1986

renal fungus balls: diagnosis by ultrasound and percutaneous antegrade pyelography and brush biopsy in a premature infant, Schmitt GH; Hsu AS, (J Ultrasound Med), 4: 155, 1985

ultrasound in the diagnosis of systemic candidiasis (renal and cranial) in very low birth weight premature infants, Kirpekar M; Abiri MM; Hilfer C; et al, (Pediatr Radiol), 16: 17, 1986

Carbon dioxide

carbon dioxide as a lighter-than-urine contrast medium for percutaneous nephrostomy, Hunter DW; Salomonowitz E; Castaneda-Zuniga WR; Young AT; Mercado S; Amplatz K, (Radiology), 152: 211, 1984

hepatic tumors: US contrast enhancement with CO<sub>2</sub> microbubbles, Matsuda Y; Yabuuchi I, (Radiology), **161**: 701, 1986

pain after barium enema: effect of CO2 and air on double-contrast study, Coblentz CL; Frost RA; Molinaro V; Stevenson GW, (Radiology), 157: 35, 1985

percutaneous renal stone removal. use of carbon dioxide as contrast material, Salomonowitz E; Castaneda-Zuniga WR; Lange PH; Cragg AH; Lund G; Hunter DW; Coleman CC; Amplatz K, (Radiology), 150: 833 1984

use of CO2 to move structures as an aid to percutaneous procedures, Haaga JR; Beale SM, (Radiology), 161: 829, 1986

Carbonic anhydrase

intracranial calcification in children with osteopetrosis caused by carbonic anhydrase II deficiency, Cumming WA; Ohlsson A, (Radiology), **157**: 325, 1985

Carbon monoxide

CT of the brain in acute carbon monoxide intoxication: characteristic features and prognosis, Miura T; Mitomo M; Kawai R; et al. (AJNR), 6: 739, 1985

delayed choreoathetosis following acute carbon monoxide poisoning, Schwartz A; Hennerici M; Wegener OH, (Radiology), 157, 854, 1005

angiographic findings in two carcinoid tumors of the gallbladder, Kitagawa K; Takashima T; Matsui O; et al, (Gastrointest Radiol), 11: 51, 1986

atypical carcinoid of the lung: radiographic features, Choplin RH; Kawamoto EH; Dyer RB; et al, (AJR), **146**: 665, 1986

carcinoid syndrome: palliation by hepatic artery embolization, Carrasco CH; Charnsangavej C; Ajani J; et al, (AJR), 147:

computed tomography of abdominal carcinoid tumor, Cockey BM; Fishman EK; Jones B; et al, (JCAT), 9: 38, 1985

control of carcinoid syndrome with hepatic artery embolization, Mitty HA; Warner RRP; Newman LH; Train JS; Parnes IH, (Radiology), 155: 623, 1985

evaluation of the response of unresectable carcinoid tumors to radiotherapy, Samlowski WE; Eyre HJ; Sause WT, (Int J Radiat Oncol Biol Phys), 12: 301, 1986

primary common bile duct carcinoid demonstration by computerised tomography, ultrasonography and angiography, Alexander IA; Thomson KR; Kune GA, (Australas Radiol), 30: 34, 1986

sonographic diagnosis of malignant carcinoid of the small intestine, Swobodnik W; Wechsler JG, Ditschuneit H, (Radiology), 150: 298, 1984

#### Cardia

See Stomach

#### Caroli disease

See Bile ducts, diseases

# Carotid arteries

See also Cerebral angiography; Cerebral blood

age-related changes in carotid artery wall properties in men, Reneman RS; van Merode T; Hick P; et al, (Ultrasound Med Biol), 12: 465, 1986

asymptomatic carotid bruit, Yatsu FM; Fields WS, (Radiology), **157**: 283, 1985

asymptomatic carotid stenosis: rationale for management, Quinones-Baldrich WJ; Moore WS, (Radiology), **157**: 283, 1985

carotid region: normal and pathologic anatomy on CT, Silver AJ; Ganti SR; Hilal SK, (Radiol Clin North Am), 22: 219,

coexistent carotid and coronary artery disease. surgical management, Emery RW; Cohn LH; Whittemore AD; et al, (Radiology), 151: 818,

comment on asymptomatic carotid stenosis and asymptomatic carotid bruit, Hachinski V, (Radiology), 157: 283, 1985

ECG-synchronized DSA exposure control: improved cervicothoracic image quality, Kelly WM; Gould R; Norman D; et al, (AJR), 143: 857, 1984

fenestration of the supraclinoid internal carotid artery with rupture of associated aneurysm, Yock DH Jr, (AJNR), 5: 634, 1984

limitations in the interpretation of intravenous carotid digital subtraction angiography, Hoffman MG; Gomes AS; Pais SO, (AJR), 142: 261, 1984

# Carotid arteries, abnormalities

arotto arteries, abnormalities
aberrant carotti artery: radiologic diagnosis
with emphasis on high-resolution computed
tomography, Lo WWM, Solit-Bohman LG;
McElveen JT Jr. (Radiographics), 5: 985, 1985
aplasia of the cervical internal carotti artery

and malformation of the circle of Willis associated with Klippel-Trenaunay syndrome. case report, Goldstein SJ; Lee C; Young AB; et al, (Radiology), 155: 857, 1985 vascular masses in the middle ear, Phelps PD; Lloyd GAS, (Clin Radiol), 37: 359, 1986 Carotid arteries, aneurysn See Aneurysm, carotid

Carotid arteries, angiography

aneurysm of intrapetrous carotid artery: CT and angiographic findings, DelBalso AM; Bowers JE, (JCAT), 10: 702, 1986

angiography in transient cerebral ischaemia using three views of the carotid bifurcation, Jeans WD; Mackenzie S; Baird RN, (Br J Radiol), 59: 135, 1986

nadioi), 39; 133, 1386 assessment of cervical carotid artery disease: comparison between the Doppler "echoflow" and conventional angiography, Torvaldsen S; McCauley J; Patel AS; et al, (Radiology), 158: 860, 1986

atheromatous extracranial carotid arteries: CT theromatous extractanial carond arteries: C evaluation correlated with arteriography and pathologic examination, Leeson MD; Cacayorin ED; Iliya AR; Hodge CJ; Culebras A; Collins GH; Kieffer SA, (Radiology), 156: 397, 1985

bacterial aneurysms of the intracavernous carotid artery, Rout D; Sharma A; Mohan PK; et al, (Radiology), 154: 564, 1985

Monan FK; et al. (Radiology), 194: 304, 196 carotid bifurcation: results of spliced hybrid subtraction angiography compared with standard temporal and hybrid images, Burbank FH; Enzmann DR; Brody WR, (Radiology), 160: 227, 1986 cerebrovascular disease: evaluation with

cerebrovascular disease: evaluation with transbrachial intraarterial digital subtraction angiography using a 4-F catheter, Hicks ME; Kreipke DL; Becker GJ; Edwards MK; Holden RW; Jackson VP; Bendick PJ; Kuehn DS, (Radiology), 161: 545, 1986 complications of intravenous DSA performed

for carotid artery disease: a prospectiv study, Aaron JO; Hesselink JR; Oot R; Jones RL; Davis KR; Taveras JM, (Radiology), 153: 675, 1984

(Nationogy), 193: 675, 1984 contrast media tonicity: part II. isotonic ioxaglate vs. standard Renografin for IV-DSA evaluation of the carotid bifurcation, a double-blind prospective clinical trial, Burbank FH; Bradley BR; Yegnashankaran S; et al, (Invest Radiol), 21: 340, 1986

correlation of B-mode ultrasound imaging and arteriography with pathologic findings at carotid endarterectomy, O'Donnell TF Jr; Erdoes L; Mackey WC; et al, (Radiology), 156: 569, 1985

Doppler frequency ratio and peak frequency in the assessment of carotid artery disease: comparative study with angiography, Manga P; Dhurandhar RW; Stockard B, (Ultrasound Med Biol), 12: 573, 1986

Doppler-sonographic examination of the arterial flow in the carotid and supratrochlear arteries during carotid angiography, Stoeter P. Prey N; Hoffmann C; et al, (Radiology), 155: 278, 1005

follow-up of patients with proved occluded internal carotid artery. clinical and angiographic correlation, Brardac GB; Kaden B; Nussel F; et al, (Radiology), 151: 265, 1984

hybrid intravenous digital subtraction angiography of the carotid bifurcation, Burbank FH; Enzmann D; Keyes GS; Brody WR, (Radiology), 152: 725, 1984

impact of technology and technique on the performance of the intravenous D.S.A. of the carotid arteries, Dalla Palma L; Stacul F; Pozzi-Mucelli R; et al, (Eur J Radiol), 6:73,

intra-arterial digital subtraction angiography of the carotid arteries: special reference to contrast media, Nakstad PH; Bakke SJ; Kjartansson O; et al, (Neuroradiol), 28: 195, 1986

intraluminal thrombus of the internal carotid arteries: angiographic demonstration of resolution with anticoagulant therapy alor Pelz DM; Buchan A; Fox AJ; Barnett HJM; Vinuela F, (Radiology), 160: 369, 1986

intravenous digital subtraction angiography of the nearly occluded internal carotid artery, Seeger JF: Carmody RF; Goldstone J, (AJNR), 5: 35, 1984

intravenous DSA and duplex sonography as screening examinations for carotid disease: comparison in 102 vessels, Wolverson MK; Heiberg E; Tantana S; et al, (AJNR), 6: 569,

intravenous DSA of extracranial carotid lesions: comparison with other techniques and specimens, Sheldon JJ; Janowitz W; Leborgne JM; et al, (AJR), 143: 1289, 1984

Moya Moya disease: use of digital subtraction angiography in its diagnosis, Hasuo K; Tamura S; Kudo S; Uchino A; Carlos R; Matsushima T; Kurokawa T; Kitamura K; Matsuura K, (Radiology), 157: 107, 1985

occlusive vascular disease associated with cerebral arteriovenous malformations, Mawad ME; Hilal SK, Michelsen WJ; Stein B; Ganti SR, (Radiology), 153: 401, 1984

Omnipaque vs. Hexabrix in intravenous DSA of the carotid arteries: randomized doubleblind crossover study, Nakstad PH; Bakke SJ; Kjartansson O; et al, (AJNR), 7: 303, 1986

prediction of carotid disease by ultrasound and digital subtraction angiography, Fischer GG; Anderson DC; Farber R; et al, (Radiology), 157: 283, 1985

size of the internal carotid and middle cerebral arteries in patients with trigeminal neuralgia, Ericson K, (Radiology), 152: 855, 1984

so-called atheromatous pseudoocclusion of the internal carotid artery. a diagnostic and therapeutical challenge, Ringelstein EB; Berg-Dammer E; Zeumer H, (Radiology), 151: 265, 1984

spontaneous carotid-cavernous fistulas: clinical, radiological, and therapeutic considerations. experience with 20 cases, Vinuela FV; Fox Aj; Debrun GM; et al, (Radiology), 154: 278, 1985

spontaneous cervical cephalic arterial dissection and its residuum: angiographic spectrum, Houser OW; Mokri B; Sundt TM Jr; et al, (AJNR), 5: 27, 1984

spontaneous cervical cephalic arterial dissection and its residuum: angiographic spectrum, Houser OW; Mokri B; Sundt TM Jr; et al, (Radiology), 154: 855,

spontaneous dissection of the internal carotid artery. clinical, radiological and evolutive features, Sellier N; Chiras J; Benhamou M; et al. (Radiology), 152: 257,

#### Carotid arteries, catheterization

intravascular balloon embolization of a carotid-ophthalmic artery aneurysm wi preservation of the parent vessel, Hieshima GB; Higashida RT; Halbach VV; et al, (AJNR), 7: 916, 1986

#### Carotid arteries, CT

aberrant carotid artery: radiologic diagnosis with emphasis on high-resolution computed tomography, Lo WWM; Solti-Bohman LG; McElveen JT Jr. (Radiographics), 5: 985, 1985

aneurysm of intrapetrous carotid artery: CT and angiographic findings, DelBalso AM; Bowers JE, (JCAT), 10: 702, 1986

atheromatous extracranial carotid arteries: CT heromatous extractanual carotic artenes: C evaluation correlated with arteriography and pathologic examination, Leeson MD; Cacayorin ED; Iliya AR; Hodge CJ; Culebras A; Collins GH; Kieffer SA, (Radiology), 156: 397, 1985

carotid body tumor seen on computed tomography, Newmark H III; Mellon WS Jr; Bhagwanani DG; et al, (Radiology), **150**: 865, 1984

CT demonstration of extracranial carotid artery aneurysms, Duvall ER; Gupta KL; Vitek JJ; et al, (JCAT), 10: 404, 1986

diagnosis of bilateral intracavernous carotid artery aneurysms by computed tomography, Deeb ZL; Schimel S; Rothfus WE; et al, (CT), 10: 121, 1986

examination of the extracranial carotid bifurcation by thin-section dynamic CT: direct visualization of intimal atheroma in man (part 1), Heinz ER; Pizer SM; Fuchs H; et al, (AJNR), 5: 355, 1984

examination of the extracranial carotid bifurcation by thin-section dynamic CT: direct visualization of intimal atheroma in man (part 2), Heinz ER; Fuchs ]; Osborne DR; et al. (AJNR), 5: 361, 1984

incremental dynamic computed tomography: practical method of imaging the carotid bifurcation, Tress BM; Davis S; Lavain J; et al, (AJNR), 7: 49, 1986

# Carotid arteries, dilatation

CT cisternography of dolichoectatic arterial compression of the optic chiasm, Hinshaw DB Jr; Jordan KR; Hasso AN; et al, (AJNR), 6: 837, 1985

Carotid arteries, diseases

ssessment of cervical carotid artery disease: ssessment of cervical carond artery disease: comparison between the Doppler "echoflow" and conventional angiography, Torvaldsen S; McCauley J; Patel AS; et al, (Radiology), **158**: 860, 1986

(Radiology), 158: 860, 1986
bacterial aneurysms of the intracavernous
carotid artery, Rout D; Sharma A;
Mohan PK; et al, (Radiology), 154: 854, 1985
cerebral blood flow measurement as an
indicator of the haemodynamic severity of
carotid artery disease in man, Bullock R;
Mendelow AD; Patterson J; et al,
(Radiology), 153: 860, 1984
classification of carotid bifurcation disease
using quantitative Dompler spectrum

classification of carotid bifurcation disease using quantitative Doppler spectrum analysis, Bandyk DF; Levine AW; Pohl L; et al., (Radiology), 156: 860, 1985 detection of intracranial carotid artery disease by continuous-wave Doppler sonography, Biedert 5; Winter R; Betz H; et al., (Neuroradiol), 28: 296, 1986

Doppler frequency ratio and peak frequency in the assessment of carotid artery disease: comparative study with angiography Manga P; Dhurandhar RW; Stockard (Ultrasound Med Biol), 12: 573, 1986

intravenous DSA and duplex sonography as screening examinations for carotid disease: comparison in 102 vessels, Wolverson MK; Heiberg E; Tantana S; et al, (AJNR), 6: 569,

Carotid arteries, dissection

carotid-cavernous fistula due to traumatic dissection of the extracranial internal carotid artery, Tucci JM; Maitland CG; Pcsolyar DW; et al, (AJNR), 5: 828, 1984

Pcsolyar DW; et al. (AJNR), 5: 828, 1984 cervical internal carotid artery dissecting hemorrhage: diagnosis using MR, Goldberg HI; Grossman RI; Gomori JM; Asbury AK; Bilaniuk LT; Zimmerman RA, (Radiology), 158: 157, 1986 flip-flop phenomenon and dissection of extracranial carotid artery, Verreault J; Cote C, (Clin Nucl Med), 11: 251, 1986 spontaneous cervical caphalic arterial

spontaneous cervical cephalic arterial dissection and its residuum: angiographic spectrum, Houser OW, Mokri B; Sundt TM Jr; et al, (AJNR), 5: 27, 1984

Sundt TM Jr; et al. (AJNK), 5: 27, 1704 spontaneous cervical cephalic arterial dissection and its residuum: angiographic spectrum, Houser OW; Mokri B; Sundt TM Jr; et al. (Radiology), 154: 855,

spontaneous dissection of the internal carotid artery. clinical, radiological and evolutive features, Sellier N; Chiras J; Benhamou M; et al, (Radiology), 152: 257,

Carotid arteries, fibroplasia

fibromuscular dysplasia of the internal carotid artery treated by operative transluminal balloon angioplasty, Smith DC; Smith LL; Hasso AN, (Radiology), 155: 645, 1985

Carotid arteries, flow dynamics
Doppler-sonographic examination of the arterial flow in the carotid and supratrochlear arteries during carotid angiography, Stoeter P; Prey N; Hoffmann C; et al., (Radiology), 155: 278,

duplex scanning in presumably normal persons of different ages, Zbornikova V; Lassvik C, (Ultrasound Med Biol), 12: 371,

Carotid arteries, injuries

carotid-cavernous fistulas: embolization through the superior ophthalmic vein approach, Uflacker R; Lima S; Ribas GC; Piske RL, (Radiology), 159: 175, 1986

Horner's syndrome secondary to traumatic pseudoaneurysms, Yang PJ; Seeger JF; Carmody RF; et al, (AJNR), 7: 913, 1986

injury of the carotid and vertebral arteries, Davis JM; Zimmerman RA, (Radiology), 151: 265, 1984

265, 1984 unprotected parasphenoidal carotid artery studied by high-resolution computed tomography, Johnson DM; Hopkins RJ; Hanafee WN; Fisk JD, (Radiology), 155: 137,

winter sport injuries of the carotid arteries, Stampfel G, (Radiology), 151: 824, 1984

Carotid arteries, occlusion See Carotid arteries, stenosis

Carotid arteries, radionuclide studies cerebral blood flow measurement as an indicator of the haemodynamic severity of carotid artery disease in man, Bullock R; Mendelow AD; Patterson J; et al, (Radiology), 153: 860, 1984

# Carotid arteries, stenosis

ymptomatic carotid bruit, Yatsu FM; Fields WS, (Radiology), 157: 283, 1985

asymptomatic carotid stenosis: rationale for management, Quinones-Baldrich WJ; Moore WS, (Radiology), **157**: 283, 1985

atheromatous extracranial carotid arteries: CT heromatous extracranial carotid arteries: C evaluation correlated with arteriography and pathologic examination, Leeson MD; Cacayorin ED; Iliya AR; Hodge CJ; Culebras A; Collins GH; Kieffer SA, (Radiology), 156: 397, 1985

brachiocephalic artery dilation by percutaneous transluminal angioplasty, Vitek JJ; Keller FS; Duvall ER; Gupta KL; Chandra-Sekar B, (Radiology), **158**: 779, 1986

carotid artery disease: new criteria for evaluation by sonographic duplex scanning, Vaisman U; Wojciechowski M, (Radiology), 158: 253, 1986

crebrovascular disease: evaluation with transbrachial intraarterial digital subtraction angiography using a 4-F catheter, Hicks ME; Kreipke DL; Becker GJ; Edwards MK; Holden RW; Jackson VP; Bendick PJ; Kuehn DS, (Radiology), 161: 545, 1986

comment on asymptomatic carotid stenosis and asymptomatic carotid bruit, Hachinski V, (Radiology), **157**: 283, 1985

comparison of angiography, intravenor digital subtraction angiography and duplex ultrasound in the diagnosis of carotid artery atherosclerosis, D'Alotto C; Pelz DM; Rankin RN, (Radiology), 159: 574, 1986

comparison of Doppler flow measurements, ultrasonic and arteriographic imaging in the evaluation of stenoses of the carotid artery, Herring MB, Russ M, Benge C; et al. (Radiology), 154: 857, 1985

correlation of clinical findings, duplex carotid artery scanning and CT scanning of the brain in 54 consecutive patients with bruits over the carotid artery bifurcation, Englund R; Fairgrieve J; Brown PF; et al, (Radiology), 158: 571, 1986

duplex carotid sonography: criteria for stenosis, accuracy, and pitfalls, Jacobs NM; Grant EG; Schellinger D; Byrd MC; Richardson JD; Cohan SL, (Radiology), 154: 385, 1985

duplex ultrasonography, digital subtraction angiography, and conventional angiography in assessing carotid atherosclerosis, Glover JL; Bendick PJ; Jackson VP; et al, (Radiology), 154: 857, 1985

duplex ultrasound screening for carotid arteriosclerotic disease in asymptomatic patients, Jackson VP; Bendick PJ, (J Ultrasound Med), 4: 411, 1985

examination of the extracranial carotid bifurcation by thin-section dynamic CT: direct visualization of intimal atheroma in man (part 1), Heinz ER; Pizer SM; Fuchs H; et al, (AJNR), 5: 355, 1984

examination of the extracranial carotid bifurcation by thin-section dynamic CT: direct visualization of intimal atheroma in man (part 2), Heinz ER; Fuchs J; Osborne DR; et al, (AJNR), 5: 361, 1984

external carotid artery angioplasty in cerebrovascular insufficiency, Mirfakhraee M; Gerlock AJ Jr; Benzel EC; Giyanani VL; Meyers PC, (Radiographics), 4:

extracranial carotid atherosclerotic vascular disease: Duplex sonography and digital subtraction angiography, Jackson VP; Becker GJ; Kuehn DS; Bendick PJ; Holden RW, (Radiographics), 4: 717, 1984

follow-up of patients with proved occluded internal carotid artery. clinical and angiographic correlation, Brardac GB; Kaden B; Nussel F; et al, (Radiology), 151: 265, 1984

internal carotid artery occlusion by DSA: "diagnostic trap" relearned, Nov AA; Howe JF; Smith GR; et al, (AJNR), 6: 105, 1985

intravenous digital subtraction angiography of the nearly occluded internal carotid artery, Seeger JF; Carmody RF; Goldstone J, (AJNR), 5: 35, 1984

intravenous digital subtraction angiography of the nearly occluded internal carotid artery, Seeger JF; Carmody RF; Goldstone J, (AJR), 142: 791, 1984

intravenous DSA of extracranial carotid lesions: comparison with other techniques and specimens, Sheldon JJ; Janowitz W; Leborgne JM; et al. (AJR), 143: 1289, 1984

ischemic chiasmal syndrome and hypopituitarism associated with progressive cerebrovascular occlusive disease, Ahmadi J; Keane JR; McCormick GS; et al, (AJNR), 5:

local intraarterial fibrinolytic therapy in inaccessible internal carotid occlusion, Zeumer H; Hundgen R; Ferbert A; et al, (Radiology), 155: 857, 1985

Moya Moya disease: use of digital subtraction angiography in its diagnosis, Hasuo K; Tamura S; Kudo S; Uchino A; Carlos R; Matsushima T; Kurokawa T; Kitamura K; Matsuura K, (Radiology), 157: 107, 1985

MR recognition of internal carotid artery occlusion, Alvarez O; Edwards JH; Hyman RA, (AJNR), 7: 359, 1986

percutaneous angioplasty of carotid artery stenoses, Freitag G; Freitag J; Koch RD; et al, (Neuroradiol), 28: 126, 1986

prediction of carotid disease by ultrasound and digital subtraction angiography, Fischer GG; Anderson DC; Farber R; et al, (Radiology), 157: 283, 1985

so-called atheromatous pseudoocclusion of the internal carotid artery. a diagnostic and therapeutical challenge, Ringelstein EB; Berg-Dammer E; Zeumer H, (Radiology), 151: 265, 1984

sonographic characterization of carotid plaque: detection of hemorrhage, Bluth EI; Kay D; Merritt CRB; et al, (AJNR), 7: 311, 1986

transarterial carotid occlusion. case report and review of the literature, Osguthorpe JD; Hungerford GD, (Radiology), **156**: 568, 1985

vertebrobasilar transient ischemic attacks in internal carotid artery occlusion or tight stenosis, Bogousslavsky J; Regli F, (Radiology), **156**: 276, 1985

#### Carotid arteries, surgery

correlation of B-mode ultrasound imaging and arteriography with pathologic findings at carotid endarterectomy, O'Donnell TF Jr; Erdoes L; Mackey WC; et al, (Radiology), 157: 861, 1985

early postoperative morphology of the carotid artery following endarterectomy: systematic prospective studies with a high-resolution ultrasound duplex real time imaging system, Marosi L. Ehringer H. Piza F; et al, (Radiology), 155: 860, 1985

fibromuscular dysplasia of the internal carotid artery treated by operative transluminal balloon angioplasty, Smith DC; Smith LL; Hasso AN, (Radiology), 155: 645, 1985

is siphon disease important in predicting outcome of carotid endarterectomy?, Roederer GO; Langlois YE; Chan ARW; et al, (Radiology), 152: 556, 1984

# Carotid arteries, therapeutic blockade

balloons and coils: aids in particulate/liquid head-neck embolization, Tomsick TA; Ball JB Jr, (AJNR), 6: 598, 1985

carotid-cavernous fistulas: embolization through the superior ophthalmic vein approach, Uflacker R; Lima S; Ribas GC; Piske RL, (Radiology), **159**: 175, 1986

embolization with temporary balloon occlusion of the internal carotid or vertebral arteries, Theron J; Cosgrove R; Melanson D; et al, (Neuroradiol), 28: 246,

lidocaine injection into external carotid branches: provocative test to preserve cranial nerve function in therapeutic embolization, Horton JA; Kerber CW, (AJNR), 7: 105, 1986

percutaneous embolization of arteriovenous fistulas of the external carotid artery, Berenstein A; Scott J; Choi IS; et al, (AJNR), 7: 937, 1986

sodium nitroprusside for the control of arterial spasm during embolization in the territory of the external carotid artery, Castaings L; Moret J; Picard L; et al, (J Neuroradiol), 15:

use of coils for transcatheter carotid occlusion, Braun IF; Hoffman JC Jr; Casarella WJ; et al, (AJNR), 6: 953, 1985

#### Carotid arteries, thrombosis

- internal carotid artery thrombosis following soft palate injuries: case report and review of 16 cases, Hengerer AS; DeGroot TR; Rivers RJ Jr; et al, (Radiology), 157: 572, 1985
- intraluminal clot of the carotid artery detected radiographically, Caplan L; Stein R; Patel D; et al, (Radiology), **155**: 553, 1985
- intraluminal thrombus of the internal carotid arteries: angiographic demonstration of resolution with anticoagulant therapy alone, Pelz DM; Buchan A; Fox Aj; Barnett HJM; Vinuela F, (Radiology), 160: 369, 1986
- ultrasonic detection of thrombus at the origin of the internal carotid artery, Hanlon JT; Combs DT; Hoffman G; et al, (JCU), 14: 153,

#### Carotid arteries, transluminal angioplasty

- expandable intraluminal graft: preliminary study. work in progress, Palmaz JC; Sibbitt RR; Reuter SR; Tio FO; Rice WJ, (Radiology), 156: 73, 1985
- external carotid artery angioplasty in cerebrovascular insufficiency, Mirfakhraee M; Gerlock AJ Jr; Benzel EC; Giyanani VL; Meyers PC, (Radiographics), 4: 423, 1984
- fibromuscular dysplasia of the internal carotid artery treated by operative transluminal balloon angioplasty, Smith DC; Smith LL; Hasso AN, (Radiology), 155: 645, 1985
- percutaneous angioplasty of carotid artery stenoses, Freitag G; Freitag J; Koch RD; et al, (Neuroradiol), 28: 126, 1986
- percutaneous transluminal angioplasty of the carotid artery, Tsai FY; Matovich V; Hieshima G; et al. (AJNR), 7: 349, 1986
- percutaneous transluminal angioplasty of the cavernous carotid artery for recurrent ischemia, O'Leary DH; Clouse ME, (AJNR), E. 444, 1984 5: 644, 1984
- percutaneous transluminal carotid angioplasty and detachable balloon embolization in fibromuscular dysplasia, Dublin AB; Baltaxe HA; Cobb CA III, (AJNR), 5: 646,

#### Carotid arteries, US studies

- accuracy of ultrasound arteriography in symptomatic patients with carotid bruits and negative or equivocal noninvasive testing, Feldtman RW; Archie JP Jr, (Radiology), 154: 857, 1985
- assessment of cervical carotid artery disease: comparison between the Doppler "echoflow" and conventional angiography, Torvaldsen S; McCauley J; Patel AS; et al, (Radiology), 158: 860, 1986
- carotid artery disease: new criteria for evaluation by sonographic duplex scanning, Vaisman U; Wojciechowski M, (Radiology), 158: 253, 1986
- carotid Doppler evaluation in cerebrovascular disease, D'Alton JG; Norris JW, (Radiology), 152: 855, 1984
- classification of carotid bifurcation disease assincation of calond understanding using quantitative Doppler spectrum analysis, Bandyk DF; Levine AW; Pohl L; et al, (Radiology), 156: 860, 1985
- comparison of Doppler flow measurements, ultrasonic and arteriographic imaging in the evaluation of stenoses of the carotid artery, Herring MB; Russ M; Benge C; et al, (Radiology), 154: 857, 1985
- (nationity), 194, 697, 195, correlation of B-mode ultrasound imaging and arteriography with pathologic findings at carotid endarterectomy, O'Donnell TF Jr; Erdoes L; Mackey WC; et al, (Radiology), 156: 569, 1985
- correlation of B-mode ultrasound imaging and arteriography with pathologic findings at carotid endarterectomy, O'Donnell TF Jr; Erdoes L; Mackey WC; et al, (Radiology), 157: 861, 1985
- critical evaluation of continuous-wave Doppler probes for carotid studies, Douville Y; Arenson JW; Johnston KW; et al, (Radiology), 151: 272, 1984
- detection of intracranial carotid artery disease by continuous-wave Doppler sonography, Biedert S; Winter R; Betz H; et al, (Neuroradiol), 28: 296, 1986
- Doppler frequency ratio and peak frequency in the assessment of carotid artery disease: comparative study with angiography, Manga P; Dhurandhar RW; Stockard B, (Ultrasound Med Biol), 12: 573, 1986

- Doppler-sonographic examination of the arterial flow in the carotid and supratrochlear arteries during carotid angiography, Stoeter P; Prey N; angiography, Stoeter P; Prey N; Hoffmann C; et al, (Radiology), 155: 278,
- duplex carotid sonography: correlation with digital subtraction angiography and conventional angiography, Jackson VP; Kuehn DS; Bendick PJ; et al, (J Ultrasound Med), 4: 239, 1985
- duplex carotid sonography: criteria for stenosis, accuracy, and pitfalls, Jacobs NM; Grant EG; Schellinger D; Byrd MC; Richardson JD; Cohan SL, (Radiology), 154: 385, 1985
- duplex scanning in presumably normal persons of different ages, Zbornikova V; Lassvik C, (Ultrasound Med Biol), 12: 371,
- duplex scanning with continuous wave Doppler for carotid disease, Rush M; Thomas M; Zyroff J; et al, (Radiology), 159: 575, 1986
- duplex ultrasound imaging: vascular applications, Wetzner SM; Kiser LC; Bezreh JS, (Radiology), **150**: 507, 1984
- duplex ultrasound screening for carotid arteriosclerotic disease in asymptomatic patients, Jackson VP; Bendick PJ, (J Ultrasound Med), 4: 411, 1985
- Ultrasound Med), 4: 411, 1985
  early postoperative morphology of the carotid
  artery following endarterectomy: systematic
  prospective studies with a high-resolution
  ultrasound duplex real time imaging system,
  Marosi L; Ehringer H; Piza F; et al,
  (Radiology), 155: 860, 1985
  efficacy of CW-Doppler and duplex system
  examinations for the evaluation of
  extracranial carotid disease, Hennerici M;
  Freund H-J, (Radiology), 153: 859, 1984
  intravenous DSA and duplex sonography as
  screening examinations for carotid disease:
  comparison in 102 vessels, Wolverson MK;
  Heiberg E; Tantana S; et al, (AJNR), 6: 569,
  1985

- prediction of carotid disease by ultrasound and digital subtraction angiography, Fischer GG; Anderson DC; Farber R; et al, (Radiology), 157: 283, 1985
- (Sautology), 197, 209, 1990 so-called atheromatous pseudoocclusion of the internal carotid artery, a diagnostic and therapeutical challenge, Ringelstein EB; Berg-Dammer E; Zeumer H, (Radiology), 151: 265, 1984
- sonographic characterization of carotid plaque: detection of hemorrhage, Bluth EI; Kay D; Merritt CRB; et al, (AJNR), 7: 311,
- studies of blood flow employing duplex pulsed Doppler real-time, sonography, James AE Jr; Carroll BA; Thieme GA; et al, (Radiology), 151: 556, 1984
- transcutaneous detection of subcritical arterial stenoses by Doppler signal spectrum analysis, Bendick PJ; Glover JL; Dilley RS, (Radiology), 152: 868, 1984 ultrasonic detection of thrombus at the origin
- of the internal carotid artery, Hanlon JT; Combs DT; Hoffman G; et al, (JCU), 14: 153, 1986

- Carotid body, neoplasms
  carotid body tumor associated with partial
  Horner's syndrome and facial pain (Raeder's
  syndrome), Harrington HJ; Mayman CI,
  (Radiology), 151: 824, 1984
  carotid body tumor seen on computed
  - (cantid logy), 131: 042, 1708 carotid body tumor seen on computed tomography, Newmark H III; Mellon WS Jr; Bhagwanani DG; et al, (Radiology), 150: 865, 1984
- carotid body tumors managed with preoperative embolization. report of two cases, Borges LF; Heros RC; Debrun G,
- (Radiology), 152: 846, 1984
  radionuclide angiography as the primary
  investigation in chemodectoma: concise
  communication, Laird JD; Ferguson WR;
  McIIrath EM; et al, (Radiology), 152: 269,
- sonographic patterns of carotid body tumors, Makarainen H; Paivansalo M; Hyrynkangas K; et al, (JCU), **14**: 373, 1986

# Carpus See Wrist

# Cartilage

bone marrow expansion of the thyroid cartilage: source of confusion with malignant invasion in CT studies, Kavanagh KT; Salazar JE; Babin RW, (JCAT), 9: 177, 1985

- early costochondral calcification in adolescent hyperthyroidism, Senac MO Jr; Lee FA; Gilsanz V, (Radiology), **156**: 375, 1985
- relaping polychondritis studied by computed tomography, Mendelson DS; Som PM; Crane R; Cohen BA; Spiera H, (Radiology), 157: 489, 1985
- sonographic evaluation of the cartilage of the knee, Aisen AM; McCune WJ; MacGuire A; Carson PL; Silver TM; Jafri SZ; Martel W, (Radiology), 153: 781, 1984

# Castleman tumor

# See Hamartoma

#### Cataracts

limited choroidal hemorrhage associated with intracapsular cataract extraction, Hoffman P; Pollack A; Oliver M, (Radiology), 157: 859,

#### Catheters and catheterization

- acute pancreatitis in obstructive jaundice following combined internal and external percutaneous transhepatic duct drainage (PTBD), Luska G; Poser H, (Radiology), 150:
- antegrade translumbar aortography, Grollman JH Jr; Marcus R, (Radiology), 153: 249, 1984
- balloon catheter dilatation of malignant esophageal stricture, Blundell GE; Burhenne HJ, (Radiology), 155: 274, 1985
- balloon catheter dilatation of oesophageal strictures in children, Dux AEW; Hall CM; Spitz L, (Radiology), 153: 850, 1984
- balloon dilatation of benign biliary strictures, Salomonowitz E; Castaneda-Zuniga WR; Lund G; Cragg AH; Hunter DW; Coleman CC; Amplatz K, (Radiology), 151: 613, 1984
- balloon dilatation of ureteral strictures in dogs, El-Mahrouky A; Ford KK; Van Moore A Jr, (Radiology), 153: 565, 1984
- biliary stricture dilatation: multicenter review of clinical management in 73 patients, Mueller PR; vanSonnenberg E; Ferrucci JT Jr; Weyman PJ; Butch RJ; Malt RA; Burhenne HJ, (Radiology), 160: 17,
- coaxial balloon-catheter device for treatment of neonates and infants, Lasjaunias P; TerBrugge KG; Chiu MC, (Radiology), 159: 269, 1986
- contrast echocardiography to reduce ionizing radiation associated with cardiac catheterization during pregnancy, Elkayam U; Kawanishi D; Reid CL; et al, (Radiology), 151: 558, 1984
- CT- and ultrasound-guided catheter drainage of empyemas after chest-tube failure, vanSonnenberg E; Nakamoto SK; Mueller PR; Casola G; Neff CC; Friedman PJ; Ferrucci JT Jr; Simeone JF, (Radiology), 151: 349, 1984
- detachable steel spring coils for vessel occlusion, Lund G; Rysavy JA; Kotula F; Castaneda-Zuniga WR; Amplatz K, (Radiology), 155: 530, 1985
- digital vascular imaging of neck veins for the insertion of chronic venous access catheters, Soppitt D: Rich AJ; Robson RA, (Clin Radiol), 37: 147, 1986
- dilation of esophageal stenosis by balloon catheter, Kollath J; Starck E; Vittorio P, (Radiology), 152: 846, 1984
- distal splenic artery embolization with a flow-directed balloon catheter, Mazer M; Smith CW; Martin VN, (Radiology), 154:
- endoscopic retrograde cholangiography with a balloon catheter: analysis of 100 consecutive cases, Yoshimoto H; Ikeda S; Tanaka M; Matsumoto S; Nakayama F, (Radiology), 159:
- establishing efficacy through consensus conferences, Doppman JL, (Radiology), **161**: 566, 1986
- gallbladder necrosis after transcatheter hepatic arterial embolization: a technique to avoid this complication, Onodera H; Oikawa M; Abe M; Goto Y, (Radiology), 152: 209, 1984
- interventional radiology: challenges and initiatives, Becker GJ, (Radiology), 161: 562,
- interventional radiology: we can't have it both ways, White RI Jr, (Radiology), 161: 565, 1986

- invasive hemodynamic monitoring: radiologist's perspective, Henry DA; LeBolt S, (Radiographics), 6: 535, 1986
- laboratory assessment of ultrasonic needle and catheter visualization, McGahan JP, (J Ultrasound Med), 5: 373, 1986
- Ottrasound Med), 5: 373, 1986
  loculated abscesses: management by
  percutaneous fracture of septations,
  Lieberman RP; Hahn FJ; Imray TJ;
  Phalen JT, (Radiology), 161: 827, 1986
  management of stenosis of distal splenorenal
  shunt by balloon dilatation, Henderson JM;
  El Khishen MA; Millikan WJ; et al,
  (Radiology), 151: 546, 1984
- monooctanoin dissolution of gallstones via a cholecystostomy tube, Shortsleeve MJ; Schatzki SC; Lee DL, (Radiology), 153: 547,
- newly devised long sheath for transfemoral angiography, Nakamura H; Oi H, (Radiology), 155: 828, 1985
- new open-ended guidewire/catheter, Sos TA; Cohn DJ; Srur M; Wengrover SI; Saddekni S, (Radiology), **154**: 817, 1985
- (Radiology), 154: 07: 1786

  new pyeloureteral drainage catheter,
  Cardella JF; Castaneda-Zuniga WR;
  Hunter DW; Young AT; Amplatz K,
  (Radiology), 155: 527, 1985
- nonoperative management of benign postoperative biliary strictures, Gallacher DJ; Kadir S; Kaufman SL; Mitchell SE; Kinnison ML; Chang R; Adams P; White RI J; Cameron JL, (Radiology), 156: 625, 1985
- percutaneous catheter dissolution of cystine calculi, Dretler SP; Pfister RC; Newhouse JH; et al, (Radiology), 153: 272, 1984
- percutaneous cecostomy for decompression of the massively distended cecum, Casola G; Withers C; vanSonnenberg E; Herba MJ; Saba RM; Brown RA, (Radiology), **158**: 793,
- percutaneous splenic artery occlusion for portal hypertension. a new mechanical technique for hypersplenism, Zannini G; Masciarello S; Pagano G; et al, (Radiology), 151: 546, 1984
- pulmonary arteriovenous fistulas occluded by percutaneous introduction of coil springs, Keller FS; Rosch J; Barker AF; Nath PH, (Radiology), **152**: 373, 1984
- pulmonary arteriovenous malformations. physiologic observations and results of therapeutic balloon embolization, Terry PB; White RI Jr; Barth KH; et al, (Radiology), 150: 857, 1984
- quick aortic turn, Gross RC, (Radiology), 157:
- quick aortic turn: rapid method for reformation of the Simmons sidewinder catheter, Smith DC; Simmons CR, (Radiology), 155: 247, 1985
- quick aortic turn: reply, Smith DC; Simmons CR, (Radiology), 157: 264, 1985 radiographic assessment of venous catheter position in children: value of the lateral view, Stark DD; Brasch RC; Gooding CA, (Radiology), 153: 274, 1984
- removal of an entangled monofilament with a Chiba needle, Hawkins IF Jr; Caridi JG, (Radiology), 151: 529, 1984
- subcutaneous injection port: new chest-wall artifact, Marn CS; Luck SR; Poznanski AK, (Radiology), 154: 246, 1985
- Tenckhoif peritoneal dialysis catheters: use of fluoroscopy in management, Degesys GE; Miller GA; Ford KK; Dunnick NR, (Radiology), 154: 819, 1985
- translumbar catheter redirection using a tipdeflector technique, van Schaik JPJ; Hawkins IF Jr, (Radiology), 155: 829, 1985
- ureteral balloon dilatation and stone basketing, Rutner AB, (Radiology), 154: 273,
- use of retrograde occlusion balloon catheters in percutaneous removal of renal calculi, Beckmann CF; Roth RA, (Radiology), 156:
- very stiff guide wire with a floppy tip, Cardella JF, Kotula F; Hunter DW; Young AT; Castaneda-Zuniga WR; Amplatz K, (Radiology), 156: 837, 1985
- Catheters and catheterization, complications acquired bone dysplasia secondary to catheterrelated complications in the neonate, Seibert JJ; McCarthy RE; Alexander JE; et al, (Pediatr Radiol), **16**: 43, 1986

- avoiding intraarterial balloon detachment in the treatment of posttraumatic carotid-cavernous fistulae with detachable balloons, Graeb DA; Robertson WD; Lapointe JS; et al, (AJNR), 6: 602, 1985
- cardiac perforation from central venous catheters: survival after cardiac tamponade in an infant, Agarwal KC; Khan A; Falla A; et al, (Radiology), 154: 274, 1985
- catheter-induced cystitis: evaluation by cystosonography, Abu-Yousef MM; Narayana AS; Brown RC, (Radiology), 151: 471, 1984
- catheter-induced hyperreflexia in spinal cord injury patients: diagnosis by sonographic voiding cystourethrography, Perkash I; Friedland GW, (Radiology), 159: 453, 1986
- catheter-induced lesions of the right side of the heart: a one-year prospective study of 141 autopsies, Ducatman BS; McMichan JC; Edwards WD, (Radiology), 156: 263, 1985
- complications of right heart catheterization: prospective autopsy study, Conners AF Jr; Castele RJ; Farhat NZ; et al, (Radiology), **158**:
- controlled endoscopic retrieval of ectopic ureteral catheters using fluoroscopic guidance, Hezmall HP; Flechner SM; Sandler CM, (Radiology), 158: 569, 1986
- CT evaluation of retroperitoneal hemorrhage associated with femoral arteriography, Illescas FF; Baker ME; McCann R; et al, (AJR), 146: 1289, 1986
- delayed rupture of renal artery after renal percutaneous transluminal angioplasty, Puijlaert CBAJ: Mali WPTM; Rosenbusch G; van Straalen AM; Klinge J; Feldberg MAM, (Radiology), 159: 635, 1986
- diffuse arterial narrowing after thromboembolectomy with the Fogarty balloon catheter, Greenwood LH; Hallett JW Jr; Yrizarry JM; et al, (AJR), 142:
- drainage catheter displacement, Hartnell GG, (Radiology), 157: 835, 1985
- drainage catheter displacement: comment, Kleinhaus U; Engel A, (Radiology), 157: 835,
- drainage catheter displacement: reply, Gibson RN; Allison DJ; Finn JP, (Radiology),
- failure in placement of trocar-mounted catheters, Gray RR; St. Louis EL; Gross (J Canad Assoc Radiol), 37: 102, 1986
- fractured catheter: unusual complication of percutaneous nephrostomy, Benson KH; Watson RA; Deshon GE Jr; et al, (Radiology), 150: 858, 1984
- Hollister disk and bag system for intractable pericatheter leakage: method for controlling psychological and physical disability, brock R; Mueller PR, (AJR), 146: 869, 1986
- impending catheter perforation of superior vena cava: radiographic recognition, Tocino IM; Watanabe A, (AJR), 146: 487,
- inadvertent percutaneous catheter gastroenterostomy during abscess drainage: significance and management, Mueller PR; Ferrucci JT Jr; Butch RJ; et al, (AJR), 145: 387, 1985
- indium-111 labeled platelet deposition following transfemoral angiography, O'Connor MK; Brennan SS; Shanik DG, (Radiology), 158: 191, 1986
- infectious complications of percutaneous biliary damage, Cohan RH; Illescas FF; Saeed M; et al, (Invest Radiol), 21: 705, 1986
- intrahepatic calcifications in infants and children following umbilical vein catheterization, Richter E; Globl H; Holthusen W; et al, (Radiology), **153**: 568,
- intravascular foreign bodies: percutaneous retrieval, Uflacker R; Lima S; Melichar AC, (Radiology), **160**: 731, 1986
- introduction of bone imaging agent into the pleural space, Spencer RP; Karimeddini MK, (Clin Nucl Med), 11: 290, 1986
- jugular vein obstruction caused by turning of the head, Gooding CA; Stimac GK, (AJR), 142: 403, 1984

- kinked catheters: radiographic appearance of functionally significant bends, Nancarrow PA; Edwards DK, (AJR), 146: 789, 1986
- malignant pleural effusion: complication of transhepatic biliary drainage, Anschuetz SL; Vogelzang RL, (AJR), 146: 1165, 1986
- migration of central venous catheters, Kattan KR, (AJR), 145: 727, 1985
- neonatal umbilical artery pseudoaneurysm: sonographic evaluation (case report), Katz ME; Perlman JM; Tack ED; et al, (AJR), 147: 322, 1986
- noninvasive evaluation of neonatal aortic thrombosis secondary to umbilical artery catheterization, Fellmeth BD; Sandler MP; Thieme GA; et al, (AJR), 146: 619, 1986
- percutaneous biliary drainage: complications of 118 consecutive catheterizations, Hamlin JA; Friedman M; Stein MG; Bray JF, (Radiology), 158: 199, 1986
- percutaneous catheter balloons: failure to deflate, Schneider JR. Johnsrude 1S; Lund G; Rysavy J; Anderson RW; Amplatz K, (Radiology), 155: 832, 1985
- percutaneous retrieval of an unusually large, nonopaque intravascular foreign body, Morse SS; Strauss EB; Hashim SW; et al, (AJR), 146: 863, 1986
- perforation of the heart by central venous catheters in infants: guidelines to diagnosis and management, Bar-Joseph G; Galvis AG, (Radiology), 151: 263, 1984
- prospective study of complications of pulmonary artery catheterizations in 500 consecutive patients, Boyd KD; Thomas SJ; Gold J; et al. (Radiology), 151: 546, 1984
- puncture of a nondeflatable Foley balloon using ultrasound guidance, Higgins WL; Mace AH, (Radiology), 151: 801, 1984
- radiologic appearance of compromised thoracic catheters, tubes, and wires, Dunbar RD, (Radiol Clin North Am), 22: 699, 1984
- relation between arterial and balloon rupture in experimental angioplasty, Zollikofer CL; Salomonowitz E; Castaneda-Zuniga WR; et al, (AJR), 144: 777, 1985
- replacing the broken suture in the Cope-style loop retention catheter, Berman HL; Katz SG; Bakal CW, (AJR), 146: 590, 1986
- rib erosion: late complication of long-standing biliary drainage catheters, Severini A; Bellomi M; Cozzi G; Bellegotti L; Lattuada A, (Radiology), 150: 666, 1984
- serious complications following transgression of the pleural space in drainage procedures, Neff CC; Mueller PR; Ferrucci JT Jr; Dawson SL; Wittenberg J; Simeone JF; Butch RJ; Papanicolaou N, (Radiology), 152: 325 1984.
- shear force in angioplasty: its relation to catheter design and function, Kinney TB; Fan M; Chin AK; et al, (AJR), **144:** 115, 1985
- shearing of percutaneous nephrostomy catheter during indwelling ureteral stent placement, Sussman SK, Oke EJ; Perlmutt LM; et al, (AJR), 147: 832, 1986
- skin damage from acetylcysteine leak during percutaneous abscess drainage, Casola G; vanSonnenberg E, (Radiology), **152**: 233,
- sonographic appearance of the abnormally positioned Foley catheter, Janus CL, (J Ultrasound Med), 4: 439, 1985
- stone formation as a complication of indwelling ureteral stents: report of 5 cases, Spirnak JP; Resnick MI, (Radiology), 158: 859, 1986
- transfemoral catheterization: mechanical versus manual control of bleeding, Semler HJ, (Radiology), **154**: 234, 1985
- transrectal ultrasound diagnosis of a misplaced Foley catheter, Fornage BD, (JCU), 14: 629, 1986
- ultrasound evaluation of complications in shunted hydrocephalus, Lipinski JK; Peacock WJ; Cremin BJ, (Radiology), 154:
- urokinase in the treatment of occluded central venous catheters in children, Winthrop AL; Wesson DE, (Radiology), 155: 854, 1985

- ventricular shunt therapy of the brain: longterm rubber-catheter-induced inflammation, Woodruff WW Jr. Yeates AE; Dent GA, (Radiology), 158: 171, 1986
- vertebral arteriovenous fistula: unusual complication of Swan-Ganz catheter insertion, Colley DP, (AJNR), 6: 103, 1985
- vessel rupture by balloon catheters complicating chronic steroid therapy, Lois JF; Takiff H; Schechter MS; et al, (AJR), 144: 1073, 1985

# Catheters and catheterization, in infants and children

balloon-dilatation of esophageal strictures in children, Johnsen A; Jensen LI; Mauritzen K, (Pediatr Radiol), 16: 388, 1986

#### Catheters and catheterization, technology

- antegrade catheterization of the superficial femoral artery, Saddekni S; Srur M; Cohn DJ; Rozenblit G; Wetter EB; Sos TA, (Radiology), 157: 531, 1985
- antegrade selective catheterization of the superficial femoral artery using a movablecore guide wire, Bishop AF; Berkman WA; Palagallo GL, (Radiology), 157: 548, 1985
- atherosclerotic rabbit aortas: expandable intraluminal grafting, Palmaz JC; Windeler SA; Garcia F; Tio FO; Sibbitt RR; Reuter SR, (Radiology), **160**: 723, 1986
- balloon dilatation of tracheal and bronchial stenosis, Cohen MD; Weber TR; Rao CC, (AJR), 142: 477, 1984
- balloon dilation of the femoral vein expediting percutaneous Greenfield vena caval filter placement, Shetty PC; Bok LR; Burke MW; Sharma RP, (Radiology), 161: 275, 1986
- balloon enteroclysis catheter, Maglinte DDT, (AJR), 143: 761, 1984
- balloon-inflation device: the inflation helix, Salomonowitz E; Kotula F; Coleman CC; Hunter DW; Castaneda-Zuniga WR; Amplatz K, (Radiology), **150**: 587, 1984
- balloons and coils: aids in particulate/liquid head-neck embolization, Tomsick TA; Ball JB Jr, (AJNR), 6: 598, 1985
- basilar venous plexus of the posterior fossa: potential source of error in petrosal sinus sampling, Doppman JL, Krudy AG; Cirtton ME; Oldfield EH, (Radiology), 155: 375, 1985
- bile flow through drainage catheters: an in vitro study, Kerlan RK Jr; Stimac G; Pogany AC; et al, (AJR), 143: 1085, 1984
- biliary endoprostheses. insertion using a combined peroral-transhepatic method, Kerlan RK Jr; Ring EJ; Pogany AC; Jeffrey RB Jr, (Radiology), **150**: 828, 1984
- calibrated-leak balloon: accurate placement of the leak, O'Reilly GV; Kleefield J; Forrest MD; et al, (AJNR), 6: 90, 1985
- catheter hysterosalpingography, Austin RM; Sacks BA; Nowell M; Feital C, (Radiology), 151: 249, 1984
- catheter pericardiocentesis in the postoperative period, Erikson U; Aberg T; Klingen G, (Radiology), **150**: 857, 1984
- catheter placement in the azygos system: unusual approach to venous access, Meranze SG; McLean GK; Stein EJ; et al, (AJR), 144: 1075, 1985
- cerebrovascular disease: evaluation with transbrachial intraarterial digital subtraction angiography using a 4-F catheter, Hicks ME; Kreipke DL; Becker GJ; Edwards MK; Holden RW; Jackson VP; Bendick PJ; Kuehn DS, (Radiology), 161: 545, 1986
- coaxial cancer dilator, Cardella JF; Hunter DW; Castaneda-Zuniga WR; Young AT; Amplatz K, (Radiology), **157**: 820, 1985
- coaxial introduction of a 0.35-inch (0.9-mm) guide wire after 22-gauge needle placement, Gould DA, (AJR), 144: 134, 1985
- dilatation of ureteral stenoses: techniques and experience in 44 patients, Banner MP; Pollack HM, (AJR), 143: 789, 1984
- dilating introducer-sheath for the antegrade insertion of ureteral stents, Druy EM, (AJR), 145: 1274, 1985

- double-coated medical tape modification of finger trap method for anchoring drainage catheters to the skin, Dixon GD; Farthing DG; Longson F, (Cardiovasc Intervent Radiol), 9: 113, 1986
- doubly curved guide wire for use in the subclavian/vertebral artery system, Horton JA, (Radiology), 157: 262, 1985
- dual-balloon technique for nonoperative removal of retained biliary stones, Alspaugh JP; Chuang VP; Martin LG; et al, (Cardiovasc Intervent Radiol), 9: 161, 1986
- dual stiffness Malecot (Stamey) catheter, Tadavarthy SM; Coleman C; Hunter D; Castaneda-Zuniga WR; Amplatz K, (Radiology), 152: 225, 1984
- early extraction of residual biliary tract stones: a two-guide-wire technique, Hublitz UF; Cogliano FD; Arena PJ, (AJR), 143: 1090, 1984
- embolization of small vessels with a doublelumen microballoon catheter. part I: design and construction, ApSimon HT; Hartley DE, (Radiology), 151: 55, 1984
- embolization of small vessels with a doublelumen microballoon catheter. part II. laboratory, animal, and histological studies. work in progress, ApSimon HT; Hartley DE; Maddren L; Harper C, (Radiology), 151: 59, 1984
- esophageal strictures in children: treatment by balloon dilatation, Ball WS Jr; Strife JL; Rosenkrantz J; Towbin RB; Noseworthy J, (Radiology), 150: 263, 1984
- Everting balloon catheter in the biliary tree: technical note, Alspaugh JP; Martin LG; Chuang VP, (Cardiovasc Intervent Radiol), 9: 164, 1986
- experimental endovascular reinforcement, Cesarini K; Pech P; Haughton VM, (Neuroradiol), 28: 78, 1986
- fabrication of microballoons for interventional neuroradiology: preliminary report, O'Reilly GV; Kleefield J; Forrest MD; et al, (AJNR), 5: 625, 1984
- failure in placement of trocar-mounted catheters, Gray RR; St. Louis EL; Grosman H, (J Canad Assoc Radiol), 37: 102, 1986
- floppy-tipped wire guide for interventional procedures, Coons HG, (AJR), 144: 254, 1985
- flow-directed catheter for superselective arterial catheterization: experimental evaluation, Wright KC; Wallace S; Charnsangavej C; et al, (Cardiovasc Intervent Radiol), 9: 54, 1986
- Foley catheter removal of blunt esophageal foreign bodies. experience with 100 consecutive children, Campbell JB; Quattromani FL; Foley LC, (Radiology), **150**: 613, 1984
- glioblastoma: catheter techniques for isolated chemotherapy perfusion, Doppman JL; Dedrick RL; Shook DR; Lutz RJ; Goldstein SR; Blacklock JB; Boretos JW; Paul RH; Austin HA III; Bowman RL; Oldfield EH, (Radiology), 159: 477, 1986
- guide wire extension, Cope C, (Radiology), 157: 263, 1985
- guide wire protection for trocar puncture of fluid collections, vanSonnenberg E; Polansky AD; Wittich GR; et al, (AJR), **145**: 831, 1985
- Hawkins needle-guide system for percutaneous catheterization: 1. instrumentation and procedure, Andrews RC; Hawkins IF Jr, (AJR), 142: 1191, 1984
- Hawkins needle-guide system for percutaneous catheterization: 2. clinical experience in biliary tract and abscess drainage, Andrews RC; Hawkins IF Jr; Vogel SG, (AJR), 142: 1197, 1984
- impassable urethral strictures: percutaneous transvesical catheterization and balloon dilatation, Scales FE; Katzen BT; van Breda A; Alperstein J; Abramson E; Rhame R, (Radiology), 157: 59, 1985
- improved injection chamber for flow-guided catheters, O'Reilly GV; Kleefield J; Svendsen PA; et al, (AJNR), 5: 212, 1984
- intravascular balloon embolization of a carotid-ophthalmic artery aneurysm with preservation of the parent vessel, Hieshima GB; Higashida RT; Halbach VV; et al, (AJNR), 7: 916, 1986

- intravascular foreign bodies: percutaneous retrieval, Uflacker R; Lima S; Melichar AC, (Radiology), **160**: 731, 1986
- jejunal intubation via gastrostomy catheters in pediatric patients, Strife JL; Dunbar JS; Rice S, (Radiology), **154**: 249, 1985
- Kimray-Greenfield vena cava filter: percutaneous introduction, Tadavarthy SM; Castaneda-Zuniga WR; Salomonowitz E; Lund G; Cragg AH; Hunter D; Coleman C; Amplatz K, (Radiology), 151: 525, 1984
- management of clotted angiographic catheters, Vinson AM; Wilcox CW; Knight MR; Sigfred SV, (Radiology), 152: 229, 1984
- manipulation of vena cava filters: lockedcatheter technique, Glass TA; D'Souza VJ; Velasquez G; Formanek AG; Meredith J; Albertson D, (Radiology), 150: 258, 1984
- manual injection syringe for inflation of high pressure balloon catheters, Lee KR; Sanders W, (Radiology), 153: 824, 1984
- mechanical thrombolysis: new rotational catheter approach for acute thrombi, Ritchie JL; Hansen DD; Vracko R; et al, (Radiology), 161: 284, 1986
- modification of the Cope drainage catheter to facilitate placement, Berman HL; Bakal CW; Katz SG, (AJR), 146: 169, 1986
- modified application of the Cope introduction set, Chuang VP; Alspaugh JP; Harris SA Jr; et al, (AJR), 145: 1073, 1985
- modified Cope introducer set for rapid insertion of a safety wire, Jeffrey RB Jr, (AJR), 147: 828, 1986
- modified Cope introducing dilator to allow straight guide wire introduction, Vogelzang RL, (AJR), 146: 381, 1986
- modified scalp vein needle for arterial puncture in infants, Yeakley JW; Lee KF; Patchall LL, (AJNR), 7: 517, 1986
- movable core guide wire: evaluation of improved model, Smith TP; Derauf BJ; Darcy MD; Hunter DW; Castaneda-Zuniga WR; Amplatz K, (Radiology), 159: 552, 1986
- multipurpose, double-ended guide wire, Kadir S, (AJR), 143: 626, 1984
- new and original microcatheter system for hyperselective catheterization and endovascular treatment without risk of arterial rupture, Rufenacht D-A; Merland J-J, (J Neuroradiol), 15: 44, 1986
- new antegrade femoral artery catheter needle set, Kikkawa K, (Radiology), 151: 798, 1984 new halloon catheter for percutaneous
- new balloon catheter for percutaneous transluminal angioplasty, Inoue K, (AJR), 144: 1069, 1985
- new calibrated-leak microcatheters for cyanoacrylate embolization and chemotherapy, Kerber CW; Heilman CB, (AJNR), 6: 434, 1985
- new catheter for selective and superselective angiography, Rosen RJ. (Cardiovasc Intervent Radiol), 9: 49, 1986
- new coaxial introducer system for percutaneous drainage, Schwarz W, (AJR), 144: 1277, 1985
- new deflector handle for catheter exchange, Hawkins IF Jr; Hawkins MC, (Radiology), 152: 227, 1984
- new retention catheter, Smith TP; Darcy MD; Hunter DW; Castaneda-Zuniga WR; Amplatz K, (Radiology), **160**: 559, 1986
- new super-stiff guide wire, Smith TP; Darcy MD; Hunter DW; Castaneda-Zuniga WR; Amplatz K, (Radiology), **161**: 551, 1986
- nitrous oxide: effective analgesic for vascular and interventional procedures, Braun SD; Miller GA Jr; Ford KK; et al, (AJR), 145: 377, 1985
- observations on the use of the Cope introduction set, Greenwood LH; Yrizarry JM; Brown SB, (AJR), **144**: 257, 1985
- percutaneous antegrade urethral catheterization of the traumatized urethra, Lee WJ; Greenbaum R; Susi R; Khashu B; Smith AD, (Radiology), 151: 250, 1984
- percutaneous arterial grafting, Cragg AH; Lund G; Rysavy JA; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, (Radiology), 150: 45, 1984
- percutaneous aspiration, drainage, and biopsies in children, Towbin RB; Strife JL, (Radiology), 157: 81, 1985

- percutaneous brachial artery catheterization, Lipchik EO; Sugimoto H, (Radiology), **160**: 842, 1986
- percutaneous cholecystography in children, Brunelle FOS; Chaumont P, (Radiology), 153: 566, 1984
- percutaneous nephrostomy and maintenance of nephrostomy drainage, Roven SJ; Rosen RJ, (Radiology), **154:** 273, 1985
- percutaneous placement of soft, indwelling ureteral stent, Bettmann MA; Perlmutt LM; Finkelstein J; Meyerovitz MF; Richie JP, (Radiology), 157: 817, 1985
- percutaneous transhepatic removal of common duct stones: report of ten patients, Clouse ME; Falchuk KR, (Radiology), 153: 564, 1984
- percutaneous transluminal coronary angioplasty with an over-the-wire system, Levin DC; Ganz P; Friedman P; Abben R; Garnic JD; Boxt LM, (Radiology), 155: 323,
- percutaneous urolithotomy: the use of balloon catheters as an adjunct, Pollack HM; Banner MP, (Radiology), 152: 213, 1984 perforation of renal pelvis by internal ureteral stents, Salazar JE; Johnson JB; Scott RL, (AJR), 149: 816, 1984
- pulmonary microvascular cytology: new diagnostic application of the pulmonary artery catheter, Masson RG; Ruggieri J, (Radiology), 159: 821, 1986
- rapid dilatation of percutaneous nephrostomy tracks, LeRoy AJ; May GR; Segura JW; et al, (AJR), 142: 355, 1984
- (A)K), 142: 353, 1594
  re-entry nephrostomy catheter for endourological applications, Khasidy LR; Smith AD, (Radiology), 156: 564, 1985
  reinflating the amputated true double-lumen angioplasty catheter, Burkhalter JL, (AJR), 144: 780, 1985
- removal of retained common bile duct stones with angiographic occlusion balloons, Meranze SG; Stein EJ; Burke DR; et al, (AJR), 146: 383, 1986
- replaceable sump lumen catheter for abscess drainage, Kerlan RK Jr; Ring EJ, (Gastrointest Radiol), 11: 112, 1986
- replacing the broken suture in the Cope-style loop retention catheter, Berman HL; Katz SG; Bakal CW, (AJR), 146: 590, 1986
- retrograde ureteral catheterization via the ileal conduit, Applbaum YN; Diamond AB; Rappoport AS, (AJR), 146: 61, 1986
- road map application to the pulseless common femoral artery, McDermoti JC; Starck EE; Crummy AB, (Cardiovasc Intervent Radiol), 9: 109, 1986
- screening for occlusive vascular disease with intraarterial DSA: preliminary experience with a high flow 4-F catheter, Becker GJ; Hicks ME; Holden RW; Edwards MK; Jackson VP; Bendick PJ, (Radiology), 153:
- segmental renal venous catheterization: technical note, Zalev AH, (J Canad Assoc Radiol), 37: 100, 1986
- selective hepatic angiography using a balloon catheter guide, Sawada S, (Radiology), **156**: 545, 1985
- stathed catheter system for fluoroscopically guided retrograde catheterization, and brush and forceps biopsy of the upper urinary tract, Lieberman RP; Cummings KE Leslie SW, (Radiology), 153: 565, 1984
- side-hole balloon-angioplasty catheters, Ricketts HJ, (AJR), 144: 123, 1985
- simple method for early detection of a dislodged percutaneous drainage catheter, Kleinhaus U; Engel A, (Radiology), 151: 255,
- simple propulsion-chamber-system for the 16 gauge approach, Rufenacht D-A; Merland J-J; Guimaraens L; et al, (Neuroradiol), 28: 355,
- simplified method of introducing double-J stent catheters using a coaxial sheath system, Mercado S; Hawkins J; Herrera MA; et al, (AJR), 145: 1271, 1985
- simplified solvent infusion and drainage in closed systems: double-lumen, single-catheter method, vanSonnenberg E; Schiffman HR; Casola G; et al, (AJR), **144**:
- single catheter for aortic arch and selective cerebral angiography, Hinck VC, (AJNR), 7: 159, 1986

- single catheter technique for transaxillary aortofemoral angiography, Hoevels J, (Radiology), **152**: 844, 1984
- "accordion" catheter, Caridi JG; Hawkins IF Jr; Hawkins MC, (AJR), 143: 337,
- snare catheter: a device for placing multiple guide wires, Hawkins IF Jr; Caridi JG; Hawkins MC, (AJR), **143**: 183, 1984
- spiral exchange cannula for the occluded drainage catheter, McCain AH; Vucinich JL; Hawkins J; Hawkins IF Jr, (Radiology), 157: 543, 1985
- superselective catheterization of small-caliber arteries with a new high-visibility steerable guide wire, Meyerovitz MF; Levin DC; Boxt LM, (AJR), 144: 785, 1985
- supraclinoid intracarotid chemotherapy using a flow-directed soft-tipped catheter, Charnsangavej C; Lee Y-y; Carrasco CH; Fuen LG; Tang RA; Wright KC; Wallace S; Gianturco C, (Radiology), 155: 655, 1985
- suture anchor for visceral drainage, Cope C, (AIR), 146: 160, 1986
- tapered-tip teflon catheter for biliary drainage, Kaufman SL, (Radiology), 151: 251, 1984
- technical difficulties of selective venous blood sampling in the differential diagnosis of female hyperandrogenism, Sorensen R; Moltz L; Schwartz U, (Cardiovasc Intervent Radiol), 9: 75, 1986
- technique for rethreading loop drainage catheters, Burkhalter JL; Leake N, (AJR), 145: 1277, 1985
- transaxillary abdominal angiography: use of the sidewinder-pigtail catheter, Frohlich H, (Radiology), **150**: 265, 1984
- unidirectinal 8-MHz continuous wave Doppler equipment can facilitate catheterization of the internal jugular vein, Schregel W; Straub H; Singbartl G, (J Ultrasound Med), 5: 421, 1986
- universal stent introducer: simplified approach to antegrade ureteral stent insertion, Lee WJ; Rich M, (AJR), 147: 830,
- use of large silicone catheters in patients with long-term percutaneous transhepatic biliary drainage, Bret PM; Bretagnolle M; Fond A; et al, (Cardiovasc Intervent Radiol),
- use of technetium-99m macroaggregated albumin to evaluate the position and condition of totally implanted venous and arterial access devices, Lee RGL; Hill TC; Lokich JJ; Bothe A Jr; Moore C; Clouse ME, (Radiology), 150: 593, 1984
- venous cannula for emergency catheter pulmonary embolectomy, Cope C, (Radiology), **161**: 553, 1986

### Cat-scratch fever

osteolysis in cat-scratch fever, Johnson JF; Lehman RM; Shiels WE; Blaney SM, (Radiology), **156**: 373, 1985

### Cauda equina

See Spinal cord

### Caustic agents, ingestion

caustic ingestion in adult patients, Schild JA, (Radiology), 160: 860, 1986

#### Cavernous sinus

- cavernous sinus invasion by pituitary adenomas, Ahmadi J; North CM; Segall HD; et al, (AJNR), 6: 893, 1985
- fat in the normal cavernous sinus, Hosoya T; Kera M; Suzuki T; et al, (Neuroradiol), 28: 264, 1986
- magnetic resonance imaging of the cavernous sinus, Daniels DL; Pech P; Mark L; et al, (AJNR), 6: 187, 1985
- metastatic disease to the carvernous sinus: clinical syndrome and CT diagnosis, Post MJD; Mendez DR; Kline LB; et al, (JCAT), 9: 115, 1985
- perineural tumor extension to the cavernous sinus from superficial facial carcinoma: CT manifestations, Woodruff WW Jr; Yeates AE; McLendon RE, (Radiology), **161**: 395, 1986
- septic cavernous sinus thrombosis associated with gingivitis and parapharyngeal abscess, Harbour RC; Trobe JD; Ballinger WE, (Radiology), 153: 853, 1984

#### Cavernous sinus, thrombosis

CT observations pertinent to septic cavernous sinus thrombosis, Ahmadi J; Keane JR; Segall HD; et al, (AJNR), 6: 755, 1985

gallium scintigraphy in a case of septic cavernous sinus thrombosis, Palestro CJ Malat J; Gladstone AG; et al, (Clin Nuci Med), 11: 636, 1986

#### Celiac disease

- "bubbly" duodenal bulb in celiac disease: radiologic-pathologic correlation, Jones B; Bayless TM; Hamilton SR; et al, (AJR), 142: 119, 1984
- jejunal fold separation in adult celiac disease: relevance of enteroclysis, Herlinger H; Maglinte DDT, (Radiology), **158**: 605, 1986
- lymphadenopathy in celiac disease: computed tomographic observations, Jones B; Bayless TM; Fishman EK; et al, (AJR), 142:

#### Cellulitis

- inflammatory lesions of the groin: ultrasonic evaluation, Sandler MA; Alpern MB; Madrazo BL; Gitschlag KF, (Radiology), 151: 747, 1984
- ventricular shunt therapy of the brain: long-term rubber-catheter-induced inflammation, Woodruff WW Jr; Yeates AE; Dent GA, (Radiology), 158: 171, 1986

- Cerebellopontine angle
  amyloidomas in the cerebellopontine angle
  and jugular foramen. case report,
  Matsumoto T; Tani E; Maeda Y; et al,
  (Radiology), 158: 571, 1986
- (Radiology), 196: 5/1, 1986
  cerebellopontine angle and internal auditory
  canal: neurovascular anatomy on gas CT
  cisternograms, Bird CR; Hasso AN;
  Drayer BP; Hinshaw DB Jr; Thompson JR,
  (Radiology), 154: 667, 1985
- epidermoidomas of the cerebellopontine angle and temporal bone: CT and MR aspects, Latack JT; Kartush JM; Kemink JL; Graham MD; Knake JE, (Radiology), 157: 361, 1985

#### Cerebellopontine angle, neoplasms

- air cistenography of the cerebellopontine angle using high-resolution computed tomography, Johnson DW, (Radiology), 151: 401, 1984
- cerebellopontine angle meningioma. microsurgical excision and follow-up results, Sekhar LN; Jannetta PJ, (Radiology), 153: 854, 1984
- cerebellopontine angle tumors: bilateral flocculus compression as cause of associated oculomotor abnormalities, Nedzelski JM, (Radiology), 152: 558, 1984
- computed tomography of a cerebellopontine angle lipoma, Dalley RW; Robertson WD; Lapointe JS; et al, (JCAT), 10: 704, 1986
- differentiation of cerebellopontine angle neuromas and meningiomas with MR imaging, Mikhael MA; Ciric IS; Wolff AP, (JCAT), 9: 852, 1985
- primary CNS lymphoma in the cerebellopontine angle. report of a case, Ierokomos A; Goin DW, (Radiology), 157: 860, 1985

#### Cerebellum

### See Brain

- Cerebral angiography See also Brain; Brain neoplasms; Cerebral
- blood vessels
- application of IV digital subtraction
- application of IV digital subtraction angiography to cranial disease in children, Mueller DL; Amundson GM; Wesenberg RL; et al. (AJNR), 7: 669, 1986 complications of cerebral angiography; prospective assessment of risk, Earnest F IV; forbes GS; Sandok BA; et al. (AJR), 142: 247,
- computed angiotomography of the brain: normal and normal variations of cerebral vessels, Yamamoto Y; Asari S; Sadamoto K, (Comput Radiol), 10: 71, 1986
- craniofacial and upper cervical arteries: collateral circulation and angiographic protocols, Lasjaunias PL, Reviewed by O'Reilly GV, (Radiology), 151: 404, 1984
- digital imaging of the intracranial circulation using an aortic arch injection and carotid compression, Banna M; Mannen J, (J Canad Assoc Radiol), 37: 184, 1986
- digital subtraction angiography of the arteries of the head and neck, Seeger JF; Carmody RF, (Radiol Clin North Am), 23: 193, 1985
- digital tomosynthesis: technique modifications and clinical applications for neurovascular anatomy, Maravilla KR; Murry RC Jr; Diehl J; Suss RA; Allen L; Chang K; Crawford J; McCoy R, (Radiology), 152: 719,

- eye tracking abnormalities in patients with cerebrovascular disease, Konrad HR; Ryback LP; Ramsey DE; et al. (Radiology), 152: 556, 1984
- intracranial tumors examined by intraarterial DSA: comparative angiography study, Stadnik TW; Kersschot EAJ; De Schepper AMAP, (Radiology), **154**: 671, 1985
- intravenous digital subtraction angiography of arteriosclerotic vertebrobasilar disease, Hesselink JR; Teresi LM; Davis KR; et al, (AJR), 142: 255, 1984
- intravenous DSA of extracranial carotid lesions: comparison with other techniques and specimens, Sheldon JJ; Janowitz W; Leborgne JM; et al, (AJNR), 5: 547, 1984
- management of aneurysms of the petrous portion of the internal carotid artery by resection and primary anastomosis, Glasscock ME III; Smith PG; Bond AG; et al, (Radiology), **152**: 553, 1984
- (Radiology), 152:353, 198: polycystic kidney disease and intracranial aneurysms: early angiographic diagnosis and early operation for the unruptured aneurysm, Wakabayshi T; Fujita 5; Ohbora Y; et al, (Radiology), 150: 290, 1984
- radiation exposure from conventional and digital subtraction angiography of cerebral vessels, Plunkett MB; Gray JE; Kispert DB, (AJNR), 7: 665, 1986
- radiology of the ambient cistern. part II: pathology, Chakeres DW; Kapila A; LaMasters D, (Neuroradiol), **28**: 4, 1986
- value of angiography in cerebral nail-gun injuries, Al-Metty O; Holoubi A; Fox JL, (AJNR), 7: 164, 1986

#### Cerebral angiography, complications

- complications of cerebral angiography: prospective assessment of risk, Earnest F IV; Forbes GS; Sandok BA; et al, (AJR), **142**: 247,
- complications of digital intravenous angiography: experience in 2488 cervicocranial examinations, Pinto RS; Manuell M; Kricheff II, (AJNR), 5: 553, 1984

#### Cerebral angiography, contrast media

- clinical trial of iohexol vs. Conray 60 for cerebral angiography, Pelz DM; Fox AJ; Vinuela FV, (AJNR), 5: 565, 1984
- comparative safety of intracarotid iopamidol, iothalamate meglumine, and diatrizoate meglumine for cerebral angiography, Drayer BP; Velaj R; Bird R; et al, (Radiology), 155: 554, 1985
- safety of contrast media in cerebral angiography: iopamidol vs. methylglucamine iothalamate, Bird CR; Drayer BP; Velaj R; et al, (AJNR), 5: 801, 1984

#### Cerebral angiography, radionuclide

- hypervascularity on cerebral radionuclide angiogram, Lin DS, (Semin Nucl Med), **16**: 74, 1986
- hypovascularity on cerebral radionuclide angiogram, Lin DS, (Semin Nucl Med), **16**: 77, 1986

#### Cerebral angiography, technology

- coaxial balloon-catheter device for treatment of neonates and infants, Lasjaunias P; TerBrugge KG; Chiu MC, (Radiology), **159**: 269, 1986
- development of a new universal neuroangiographic unit, Takahashi M; Miyawaki M; Bussaka H, (Neuroradiol), **28**: 351, 1986
- preembolization superselective angiography: role in the treatment of brain arteriovenous malformations with isobutyl-2 cyanoacrylate, Vinuela FV; Fox AJ; Debrun GM; et al, (AJNR), 5: 765, 1984
- quantitative analysis of intracranial circulation using rapid-sequence DSA, Kwan ESK; Hall A; Enzmann DR, (AJNR), 7: 295, 1986
- quick aortic turn, Gross RC, (Radiology), 157: 264, 1985
- quick aortic turn: rapid method for reformation of the Simmons sidewinder catheter, Smith DC; Simmons CR, (Radiology), 155: 247, 1985
- quick aortic turn: reply, Smith DC; Simmons CR, (Radiology), 157: 264, 1985

#### Cerebral blood vessels

eye tracking abnormalities in patients with cerebrovascular disease, Konrad HR; Ryback LP; Ramsey DE; et al, (Radiology), 152: 556, 1984

- histopathologic analysis of intraarterial polyvinyl alcohol microemboli in rat cerebral cortex, Quisling RG; Mickle JP; Ballinger WE; et al, (AJNR), 5: 101, 1984
- mapping cerebral blood flow by xenon-enhanced computed tomography: clinical experience, Yonas H; Good WF; Gur D; Wolfson SK Jr; Latchaw RE; Good BC; Leanza R; Miller SL, (Radiology), 152: 435, 1984

#### Cerebral blood vessels, abnormalities

- Doppler evaluation of cerebral arteries in a galenic vein malformation, Soto G; Daneman A; Hellman J, (J Ultrasound Med), 4: 673, 1985
- intracranial vascular malformations: MR and CT imaging, Kucharczyk W; Lemme-Pleghos L; Uske A; Brant-Zawadzki M; Dooms GC; Norman D, (Radiology), 156:
- occult cerebral vascular malformations: high-field MR imaging, Gomori JM; Grossman RI; Goldberg HI; Hackney DB; Zimmerman RA; Bilaniuk LT, (Radiology), **158**: 707, 1986
- occult cerebral vascular malformations: highfield MR imaging, Kucharczyk W; Brant Zawadzki M, (Radiology), 161: 278, 1986
- occult cerebral vascular malformations: highfield MR imaging: reply, Gomori JM; Grossman RI, (Radiology), 161: 278, 1986
- pineal germinoma: MR imaging, Kilgore DP; Strother CM; Starshak RJ; Haughton VM, (Radiology), **158**: 435, 1986
- sinus pericranii: case report, Witrak BJ; Davis PC; Hoffman JC Jr, (Pediatr Radiol), 16: 55, 1986
- supreme anterior communicating artery, Handa J; Suzuki F, (Neuroradiol), 28: 174,

#### Cerebral blood vessels, anatomy

- computed tomography of cerebral infarction along the distribution of the basal perforating arteries. part I: striate arterial group, Takahashi S; Goto K; Fukasawa H; Kawata Y; Uemura K; Suzuki K, (Radiology), 155: 107, 1985
- computed tomography of cerebral infarction along the distribution of the basal perforating arteries. part II: thalamic arterial group, Takahashi S; Goto K; Fukasawa H; Kawata Y; Uemura K; Yaguchi K, (Radiology), 155: 119, 1985
- correlation of CT cerebral vascular territories with function: 3. middle cerebral artery, Berman SA; Hayman LA; Hinck VC, (AJNR),
- normal vascular anatomy on transfontanellar real time ultrasound in the newborn, Monsaingeon V; Thabault S; Bomsel F, (Radiology), 153: 565, 1984

#### Cerebral blood vessels, angiography See Cerebral angiography

### Cerebral blood vessels, CT

- computed angiotomography of the brain: normal and normal variations of cerebral vessels, Yamamoto Y; Asari S; Sadamoto K, (Comput Radiol), 10:71, 1986
- computed tomography of deep cerebral venous thrombosis, Kim KS; Walczak TS, (JCAT), 10: 386, 1986

### Cerebral blood vessels, dilatation

angiographic study of incidence and morphology of infundibular dilatation of the posterior communicating artery, Ebina K, Ohkuma H, Iwabuchi T, (Neuroradiol), 28: 23, 1986

### Cerebral blood vessels, diseases

- arterial injection-digital subtraction angiography, Kelly WM; Brant-Zawadzki M; Pitts LH, (Radiology), **152**: 257, 1984
- case report. Moyamoya disease: unusual cause of cerebral infarction, Wood CH; Jeans WD; Coakham HB, (Clin Radiol), 37: 289, 1986
- cerebellar venous angioma: "benign" entity?, Rothfus WE; Albright AL; Casey KF; et al, (AJNR), 5: 61, 1984

#### Cerebral blood vessels, flow dynamics

- cerebral blood flow tomography with xenon-133, Lassen NA, (Semin Nucl Med), 15: 347, 1985
- cerebral circulation after head injury, part 4. functional anatomy and boundary-zone flow deprivation in the first week of traumatic coma, Overgaard J; Tweed WA, (Radiology), 153: 569, 1984

- changing topographic patterns of human cerebral blood flow with age measured by xenon CT, Tachibana H; Meyer JS; Okayasu H; et al, (AJNR), 5: 139, 1984
- Okayasu II; et al. (KJ)(KI), is 157, 152 frequency and patterns of abnormality detected by iodine-123 amine emission C1 after cerebral infarction, Brott TG; Gelfand MJ; Williams CC; Spilker JA; Hertzberg VS, (Radiology), 158: 729, 1986
- high-flow angiopathy: cerebral blood vessel changes in experimental chronic arteriovenous fistula, Pile-Spellman JMD; Baker KF; Liszczak TM; et al. (AJNR), 7: 811,
- imaging of cerebral blood flow-to-volume distribution using SPECT, Knapp WH; von Kummer R; Kubler W, (J Nucl Med), 27: 465,
- mapping cerebral blood flow by xenon-enhanced computed tomography: clinical experience, Yonas H; Good WF; Gur D; Wolfson SK Jr; Latchaw RE; Good BC; Leanza R; Miller SL, (Radiology), **152**: 435, 1984
- mismatch between iodine-123 and xenon-133 SPECT rCBF measurement, Steinling M; Destee A, (Clin Nucl Med), 11: 13, 1986
- N-[11C-methyl]chlorphentermine and N,N-[11C-dimethyl]chlorphentermine as brain blood-flow agents for positron emission tomography, Kizuka H; Elmaleh DR; Boudreaux GJ; et al, (J Nucl Med), 27: 532, 1984
- pulsatile blood velocity in human arteries displayed by magnetic resonance imaging, Feinberg DA; Crooks LE; Hoenninger JC; Arakawa M; Watts JC, (Radiology), **153**: 177, 1984
- radioactive oxygen-15 in the study of cerebral blood flow, blood volume, and oxygen metabolism, Ter-Pogossian MM; Herscovitch P, (Semin Nucl Med), 15: 377, 1985
- rates of decrease of cerebral blood flow in progressive dementias, Barclay L; Zemcov A; Blass JP; et al, (Radiology), 157: 855, 1985
- regional cerebral blood flow assessed by <sup>133</sup>Xe inhalation and emission tomography: normal values, Shirahata N; Henriksen L; Vorstrup S; et al, (JCAT), 9: 861, 1985
- visitup 5; et al., (ICAT), visit, 1703 single-photon emission computed tomography: a method of measuring cerebral blood flow in three dimensions (preliminary results of studies in patients with epilepsy and stroke), Uren RF; Magistretti PL; Royal HD; et al., (Radiology), 150, 201, 1884 150: 290, 1984
- SPECT study of regional cerebral blood flow in Alzheimer disease, Bonte FJ; Ross ED; Chehabi HH; et al, (JCAT), **10**: 579, 1986
- technetium-99m HM-PAO stereoisomers as connenum-97m FIM-FAO stereoisomers as potential agents for imaging regional cerebral blood flow: human volunteer studies, Sharp PF; Smith FW; Gemmell HG; et al, (J Nucl Med), 27: 171,
- transcranial Doppler method in the evaluation of cerebrovascular spasm, Aaslid R; Huber P; Nornes H, (Neuroradiol), 28: 11, 1986
- transcranial measurement of blood velocities in the basal cerebral arteries using pulsed Doppler ultrasound: method of assessing the circle of Willis, Padayachee TS; Kirkham FJ; Lewis RR; et al, (Ultrasound Med Biol), 12: 5, 1986

#### Cerebral blood vessels, inflammation

- cerebral vasculitis and hemorrhage associated with phenylpropanolamine, Fallis RJ; Fisher M, (Radiology), **158**: 572, 1986
- cerebral vasculitis secondary to Wegener's granulomatosis: computed tomography and angiographic findings, Yamashita Y; Takahashi M; Bussaka H, et al. (CT), 10: 115,

#### Cerebral blood vessels, MR studies

- high field MR imaging of cerebral venous thrombosis, Macchi PI: Grossman RI: Gomori JM; et al, (JCAT), 10: 10, 1986
- magnetic resonance imaging (MRI) in the diagnosis of cerebral arteriovenous angiomas, Schorner W; Bradac GB; Treisch J; et al, (Neuroradiol), 28: 313, 1986
- MR imaging of acute experimental ischemia in cats, Brant-Zawadzki M; Pereira B; Weinstein P; et al, (AJNR), 7: 7, 1986

MR imaging of cerebral vascular malformations, Lee BCP; Herzberg L; Zimmerman RD; et al, (AJNR), **6**: 863, 1985

occult cerebral vascular malformations: highfield MR imaging, Gomori JM; Grossman RI; Goldberg HI; Hackney DB; Zimmerman RA; Bilaniuk LT, (Radiology), 158: 707, 1986

occult cerebral vascular malformations: highfield MR imaging, Kucharczyk W; Brant-Zawadzki M, (Radiology), **161**: 278, 1986

occult cerebral vascular malformations: highfield MR imaging: reply, Gomori JM; Grossman RI, (Radiology), **161**: 278, 1986

pulsatile blood velocity in human arteries displayed by magnetic resonance imaging, Feinberg DA; Crooks LE; Hoenninger JC; Arakawa M; Watts JC, (Radiology), 153: 177, 1984

### Cerebral blood vessels, occlusion

See Cerebral blood vessels, stenosis

Cerebral blood vessels, radionuclide studies

technetium-99m HM-PAO stereoisomers as potential agents for imaging regional cerebral blood flow: human volunteer studies, Sharp PF; Smith FW; Gemmell HG; et al, (J Nucl Med), 27: 171, 1986

#### Cerebral blood vessels, rupture

septic saddle embolus causing basilar artery rupture without mycotic aneurysm, Yock DH Jr, (AJNR), 5: 822, 1984

#### Cerebral blood vessels, stenosis

acute experimental cerebral ischemia: MR enhancement using Gd-DTPA, McNamara MT; Brant-Zawadzki M; Berry I; Pereira B; Weinstein PR; Derugin N; Moore S; Kucharczyk W; Brasch RC, (Radiology), 158: 701, 1986

cervical internal carotid artery dissecting hemorrhage: diagnosis using MR, Goldberg HI; Grossman RI; Gomori JM; Asbury AK; Bilaniuk LT; Zimmerman RA, (Radiology), 158: 157, 1986

computed tomography of cerebral infarction along the distribution of the basal perforating arteries, part I: striate arterial group, Takahashi S; Goto K; Fukasawa H; Kawata Y; Uemura K; Suzuki K, (Radiology), 155: 107, 1985

computed tomography of cerebral infarction along the distribution of the basal perforating arteries. part II: thalamic arterial group, Takahashi S; Goto K; Fukasawa H; Kawata Y; Uemura K; Yaguchi K, (Radiology), 155: 119, 1985

digital subtraction angiography in pediatric cerebrovascular occlusive disease, Faerber EN; Griska LAB; Swartz JD; Capitanio MA; Popky GL, (Radiology), 152: 391, 1984

evaluation of peripartum strokes by computed tomography, Maheshwari MC; Bhargava S, (Radiology), **152**: 257, 1984

intravenous digital subtraction angiography of arteriosclerotic vertebrobasilar disease, Hesselink JR: Teresi LM; Davis KR; et al, (AJR.) 142: 255, 1984

MR imaging in "lacunar" hemiballismus, Biller J; Graff-Radford NR; Smoker WRK; et al, (JCAT), 10: 793, 1986

MR imaging of acute experimental ischemia in cats, Brant-Zawadzki M; Pereira B; Weinstein P; et al, (AJNR), 7: 7, 1986

occlusive vascular disease associated with cerebral arteriovenous malformations, Mawad ME; Hilal SK; Michelsen WJ; Stein B; Ganti SR, (Radiology), 153: 401, 1984

occlusive vascular disease in asphyxiated newborn infants, Voorhies TM; Lipper EG; Lee BCP; et al, (Radiology), **154**: 851, 1985

stenosis of afferent vessels of intracranial arteriovenous malformations, Omojola MF; Fox AJ; Vinuela FV; et al, (AJNR), 6: 791, 1985

streptokinase clot lysis in acute occlusions of the cranial circulation: study in rabbits, Centeno RS; Hackney DB; Rothrock JR, (AJNR), 6: 589, 1985

transcranial Doppler method in the evaluation of cerebrovascular spasm, Aaslid R; Huber P; Nornes H, (Neuroradiol), 28: 11, 1986

Cerebral blood vessels, therapeutic blockade coaxial balloon-catheter device for treatment of neonates and infants, Lasjaunias P; TerBrugge KG; Chiu MC, (Radiology), 159: 269, 1986 histopathologic analysis of intraarterial polyvinyl alcohol microemboli in rat cerebral cortex, Quisling RG; Mickle JP; Ballinger WB Jr; et al, (Radiology), **154**: 855, 1985

superselective injection of polyvinyl alcohol microemboli for the treatment of cerebral arteriovenous malformations, Scialfa G; Scotti G, (AJNR), 6: 957, 1985

#### Cerebral blood vessels, thrombosis

computed tomography of deep cerebral venous thrombosis, Kim KS; Walczak TS, (JCAT), **10**: 386, 1986

CT visualization of thrombus in cerebral artery, Granstrom P, (JCAT), 10: 541, 1986

high field MR imaging of cerebral venous thrombosis, Macchi PJ; Grossman RI; Gomori JM; et al, (JCAT), 10: 10, 1986

#### Cerebral blood vessels, US studies

transcranial Doppler sonography, examination technique and normal reference values, Arnolds BJ; von Reutern G-M, (Ultrasound Med Biol), 12: 115, 1986

transcranial measurement of blood velocities in the basal cerebral arteries using pulsed Doppler ultrasound: method of assessing the circle of Willis, Padayachee TS; Kirkham FI; Lewis RR; et al, (Ultrasound Med Biol), 12: 5, 1986

### Cerebral infarction

See Brain, infarction

#### Cerebral palsy

hip changes in spastic cerebral palsy, Sauser DD; Hewes RC; Root L, (AJR), 146: 1219, 1986

serial brain sonography in two children with leukomalacia and cerebral palsy, Sauerbrei EE, (Radiology), **154**: 852, 1985

#### Cerebrospinal fluid

cerebrospinal fluid trace element content in dementia: clinical, radiologic, and pathologic correlations, Hershey CO; Hershey LA; Varnes A; et al, (Radiology), 152: 557, 1984

MR cisternography and myelography with Gd-DTPA in monkeys, Di Chiro G; Knop RH; Girton ME; Dwyer A]; Doppman JL; Patronas NJ; Gansow OA; Brechbiel MW; Brooks RA, (Radiology), 157: 373, 1985.

nonefficacy of routine removal of CSF during neurodiagnostic procedures, Rothfus WE; Latchaw RE, (AJNR), 5: 797, 1984

nonefficacy of routine removal of CSF during neurodiagnostic procedures, Rothfus WE; Latchaw RE, (AJR), 144: 391, 1985

#### Cerebrospinal fluid, CT

computer-interactive method for quantifying cerebrospinal fluid and tissue in brain CT scans: effects of aging, Pfefferbaum A; Zatz LM; Jernigan TL, (JCAT), 10: 571, 1986

fully-automated computer-assisted method of CT brain scan analysis for the measurement of cerebrospinal fluid spaces and brain absorption density, Baldy RE; Brindley GS; Ewusi-Mensah I; et al, (Neuroradiol), 28: 109, 1986

radionuclide cisternography and computed tomography in 30 healthy volunteers, Bergstrand G; Oxenstierna G; Flyckt L; et al, (Neuroradiol), 28: 154, 1986

#### Cerebrospinal fluid, flow dynamics

cardiac gated MR imaging of cerebrospinal fluid flow, Bergstrand G; Bergstrom M; Nordell B; et al, (JCAT), 9: 1003, 1985

cerebrospinal fluid pulsation: benefits and pitfalls in MR imaging, Enzmann DR; Rubin JB; DeLaPaz R; Wright A, (Radiology), 161: 773, 1986

flowing cerebrospinal fluid in normal and hydrocephalic states: appearance on MR images, Bradley WG Jr; Kortman KE; Burgoyne B, (Radiology), **159**: 611, 1986

MR demonstration of altered cerebrospinal fluid flow by obstructive lesions, Sherman JL, Citrin CM; Bowen BJ; et al, (AJNR), 7: 571, 1986

suprasellar arachnoid cysts: 2. evaluation of CSF dynamics, Gentry LR; Menezes AH; Turski PA; et al, (AJNR), 7: 87, 1986

#### Cerebrospinal fluid, leakage

cerebrospinal fluid rhinorrhea: depiction with MR cisternography in dogs, Di Chiro G; Girton ME; Frank JA; Dietz MJ; Gansow OA; Wright DC; Dwyer AJ, (Radiology), 160: 221, 1986 spontaneous cerebrospinal fluid otorrhea, Myer CM III; Miller GW; Ball JB Jr, (Radiology), 157: 860, 1985

spontaneous CSF rhinorrhea arising from the middle cranial fossa: CT demonstration, Yeates AE; Blumenkopf B; Drayer BP; et al, (AINR), 5: 820, 1984

#### Cerebrospinal fluid, MR studies

cardiac gated MR imaging of cerebrospinal fluid flow, Bergstrand G; Bergstrom M; Nordell B; et al, (JCAT), 9: 1003, 1985

cerebrospinal fluid pulsation: benefits and pitfalls in MR imaging, Enzmann DR; Rubin JB; DeLaPaz R; Wright A, (Radiology), 161: 773, 1986

cerebrospinal fluid rhinorrhea: depiction with MR cisternography in dogs, Di Chiro G; Girton ME; Frank JA; Dietz MJ; Gansow OA; Wright DC; Dwyer AJ, (Radiology), 160: 221, 1986

flowing cerebrospinal fluid in normal and hydrocephalic states: appearance on MR images, Bradley WG Jr; Kortman KE; Burgoyne B, (Radiology), 159: 611, 1986

magnetic resonance demonstration of normal CSF flow, Sherman JL; Citrin CM, (AJNR), 7: 3, 1986

magnetic resonance imaging and characterization of normal and abnormal intracranial fluid (CSF) spaces, Brant-Zawadzki M; Kelly WM; Kjos BO; et al, (Radiology), 156: 860, 1985

MR appearance of CSF pulsations in the spinal canal, Sherman JL; Citrin CM; Gangarosa RE; et al, (AJNR), 7: 879, 1986

MR demonstration of altered cerebrospinal fluid flow by obstructive lesions, Sherman JL; Citrin CM; Bowen BJ; et al, (AJNR), 7: 571, 1986

(A)NR), 7.57, 756 multiphasis MR imaging: new method for direct imaging of pulsatile CSF flow, Edelman RR: Wedeen VJ: Davis KR; Widder D; Hahn PF; Shoukimas G; Brady TJ, (Radiology), 161: 779, 1986

multiple field strength *in vivo* T<sub>1</sub> and T<sub>2</sub> for cerebrospinal fluid protons, Hopkins AL; Yeung HN; Bratton CB, (Magn Res Med), 3: 303, 1986

optimal visualization of the cerebrospinal fluid on MRI, Ortendahl DA; Posin JP; Hylton NM; et al, (AJNR), 7: 403, 1986

quantitative index of ventricular and extraventricular intracranial CSF volumes using MR imaging, Condon BR; Patterson J; Wyper D; et al, (JCAT), 10: 784, 1986

#### Cerebrospinal fluid, radionuclide studies

aberrant cerebrospinal fluid pathway: detection by scintigraphy, Gupta SM; Frias J; Garg A; et al, (Clin Nucl Med), 11: 593, 1986

CSF rhinorrhea: detection and localization using overpressure cisternography with Tc-99m-DTPA, Curnes JT; Vincent LM; Kowalsky RJ; McCartney WH; Staab EV, (Radiology), 154: 795, 1985

experimental in vivo imaging of the cranial perineural lymphatic pathway, Pile-Spellman JM; McKusick KA; Strauss HW; et al, (AJNR), 5: 539, 1984

scintigraphic evaluation of cerebrospinal fluid diversionary shunt: complications of the proximal limb, Lecklitner ML, Brady MB, (Semin Nucl Med), 15: 395, 1985

scintigraphic evaluation of cerebrospinal fluid diversionary shunt: complications of the atrial limb, Lecklither ML, Rosen P; Brady MB, (Semin Nucl Med), 15: 397, 1985

scintigraphic evaluation of cerebrospinal fluid diversionary shunt: complications of the peritoneal limb, Lecklither ML; Brady MB, (Semin Nucl Med), 15: 399, 1983

#### Cerebrospinal fluid, US studies

ultrasound diagnosis of CSF cystic lesions in the neonatal brain, Chilton SJ; Cremin BJ, (Radiology), **152**: 254, 1984

#### Ceruletide

ceruletide intravenous dose-response study by a simplified scintigraphic technique, Krishnamurthy GT; Turner FE; Mangham D; et al, (AJR), 144: 733, 1985

utility of ceruletide in promoting intestinal opacification for abdominal and pelvic computed tomography, Demas BE; McCarthy SM; Moss AA; et al, (Gastrointest Radiol), 11: 197, 1986

Cervix

See Uterine neoplasms; Uterus

Chemotherapy

adriamycin resistance, heat resistance and radiation response in Chinese hamster fibroblasts, Wallner K; Li GC, (Int J Radiat Oncol Biol Phys), 12: 829, 1986

engiographic contributions to the management of advanced cancer, Chuang VP, (AJR), 142: 385, 1984

angiographic response of osteosarcoma following pre-operative chemotherapy, Kumpan W; Lechner G; Wittich GR; et al, (Skeletal Radiol), **15**: 96, 1986

artefactual results with CHIP perhydrate, Smith E; Nias AHW, (Br J Radiol), 59: 189, 1986

arterial chemoembolization of hepatocellular rteriai cnemoemooiization of hepatocellular carcinoma with mitomycin C microcapsules, Ohnishi K; Tsuchiya S; Nakayama T; Hiyama Y; Iwama S; Goto N; Takashi M; Ohtsuki T; Kono K; Nakajima Y; Okuda K, (Radiology), **152**: 51, 1984

(Radiology), 132: 51, 1964
assessment of perfusion patterns during hepatic artery infusion chemotherapy: EOE-13 CT and <sup>956</sup>Tc-MAA scintigraphy, Miller DL; Schneider PD; Gianola FJ; et al, (AJR), 143: 827, 1984

chemosensitization by buthionine sulfoximine in vivo, Tsutsui K; Komuro C; Ono K; et al, (Int J Radiat Oncol Biol Phys), 12: 1183, 1986

chemotherapy of cervical carcinoma: use of Tc-99m-MAA infusion to predict drug distribution, Kim EE; Bledin AG; Kavanagh J; Haynie TP; Chuang VP, (Radiology), 150: 677, 1984

clinical phase I toxicity study of Ro 03-8799: plasma, urine, tumour and normal brain pharmacokinetics, Roberts JT; Bleehen NM; Walton MI; et al. (Br J Radiol), 59: 107, 1986

wation Mr. et al. (b) Assume Mr. 1980 computed tomography of upper aerodigestive tract squamous cell carcinoma. assessment following induction chemotherapy, Schaefer SD; Merkel M; Burns DK; et al, (Radiology), 153: 856, 1984

DSA evaluation of surgically implantable Infusaid pump-catheter systems, Sanchez FW; Chuang VP; Murray DR; et al, (AJR), **146**: 839, 1986

effect of chemotherapy on osteosarcoma of the extremities as apparent from conventional roentgenograms, den Heeten GJ; Thijn CJP; Kamps WA; et al, (Pediatr Radiol), 16: 407, 1986

effect of combined modality therapy on local control and survival, DeVita VT; Lippman M; Hubbard SM; et al, (Int J Radiat Oncol Biol Phys), 12: 487, 1986

effects of glutathione depletion by buthionine sulfoximine on the sensitivity of EMT6/SF cells to chemotherapy agents or x radiation, Shrieve DC; Harris JW, (Int J Radiat Oncol Biol Phys), **12**: 1171, 1986

effects of inadvertent administration of antineoplastic agents prior to Ga-67 injection: concise communication, Bekerman C; Pavel DG; Bitran JD; et al, (Radiology), **154**: 285, 1985

effects of purine nucleoside analogs on the response of the RIF-1 tumor to melphalan in vivo, Horsman MR; Brown DM; Hirst DG; et al, (Int J Radiat Oncol Biol Phys), 12: 801, 1986

enhancement of EMT6/SF tumor cell killing by mitomycin C and cyclophosphamide following in vivo administration of buthionine sulfoximine, Ono K; Shrieve DC, (Int J Radiat Oncol Biol Phys), 12: 1175, 1986

Ewing's sarcoma: trial of adjuvant chemotherapy and sequential half-body irradiation, Berry MP; Jenkin RDT; Harwood AR; et al, (Int J Radiat Oncol Biol Phys), 12: 19, 1986

experimental evaluation of intraarterial occlusion-infusion chemotherapy, Kudo S; Wright KC; Chuang VP; et al, (AJR), 143:

experimental evaluation of microcapsules for arterial chemoembolization, Bechtel W; Wright KC; Wallace S; Moiser B; Mosier D; Mir S; Kudo S, (Radiology), 161: 601, 1986

glioblastoma: catheter techniques for isolated chemotherapy perfusion, Doppman JL; Dedrick RL; Shook DR; Lutz RJ; Goldstein SR; Blacklock JB; Boretos JW; Paul RH; Austin HA III; Bowman RL; Oldfield EH, (Radiology), **159**: 477, 1986

glutathione levels and cytotoxicity of a thiol activated alkylating agent in human and mouse cells, Geard CR; Georgsson MA, (Int J Radiat Oncol Biol Phys), 12: 1179, 1986

gluteal artery occlusion: intraarterial chemotherapy of pelvic neoplasms, Woods D; Bechtel W; Charnsangavej C; Haynie TP, Kim EE; Carrasco CH; Wallace S, (Radiology), 155: 341, 1985

hepatic arterial perfusion scintigraphy with Tc-99m-MAA: use of a totally implanted drug delivery system, Ziessman HA; Thrall JH; Yang PJ; Walker SC; Cozzi EA; Niederhuber JE; Gyves JW; Ensminger WD; Tuscan MC, (Radiology), 152: 167, 1984

hepatic falciform artery: anatomy, angiographic appearance, and clinical significance, Williams DM; Cho KJ; Ensminger WD; Ziessman HA; Gyves JW, (Radiology), 156: 339, 1985

iatrogenic sclerosing cholangitis following hepatic arterial chemotherapy infusion, Pien EH, Zeman RK; Benjamin SB; Barth KH; Jaffe MH; Choyke PL; Clark LR; Paushter DM, (Radiology), **156**: 329, 1985

identification of a reactive glutathione conjugate as a metabolite of SR-2508 in CHO cells, Varghese AJ; Whitmore GF, (Int J Radiat Oncol Biol Phys), 12: 1223, 1986

inhibition of the protective effect of cyclophosphamide by pre-treatment with buthionine sulfoximine, Carmichael J; Friedman N; Tochner Z; et al, (Int J Radiat Oncol Biol Phys), 12: 1191, 1986

intercalator-induced, toposiomerase II-mediated DNA cleavage and its modification by antineoplastic antimetabolites, Zwelling LA; Silberman L; Estey E, (Int) Radiat Oncol Biol Phys), 12: 1041, 1981

intraarterial chemotherapy of head and neck tumors, Lee Y-Y; Wallace S; Dimery I; et al, (AJNR), 7: 343, 1986

intravesical CDDP therapy compared with combined CDDP and external radiation in combined CDDP and external radiation in noninvasive bladder cancer, monitored with quantitative fluorescence cytology, Hemstreet GP III; West SS; Weems WR; et al, (Radiology), 154: 863, 1985

in vivo modulation of glutathione by buthionine sulfoximine: effect on marrow response to melphalan, Russo A; Tochner Z; Phillips T; et al, (Int J Radiat Oncol Biol Phys), 12: 1187, 1986

microscale synthesis of nitrogen-13-labeled cisplatin, De Spiegeleer B; Slegers G; Vandecasteele C; et al, (J Nucl Med), 27: 399,

middle sacral arteriography: diagnostic and therapeutic implications, Kudo S; Chuang VP; Wallace S; Bechtel WJ; Mir S, (Radiology), 151: 65, 1984

new calibrated-leak microcatheters for cyanoacrylate embolization and chemotherapy, Kerber CW; Heilman CB, (AJNR), 6: 434, 1985

potentiation of nitrogen mustard cytotoxicity to leukemia cells by sulfur-containing compounds administered in vivo, Valeriote F; Grates HE, (Int J Radiat Oncol Biol Phys), 12:

preoperative treatment of squamous cell carcinoma of the lung with mitomycin-C in the bronchial artery, Ekholm SE; Dahlback O; Tylen U, (Eur J Radiol), 6: 9,

prognostic indicators in diffuse large-cell (histiocytic) lymphoma, Todd MB; Portlock CS; Farber LR; et al, (Int J Radiat Oncol Biol Phys), 12: 593, 1986

radiotherapy and cis-diammine dichloroplatinum (II) as a combined treatment modality for inoperable non-small cell lung cancer: dose finding study, Schaake-Koning C; Bartelink H; Adema BH; et al., (Int J Radiat Oncol Biol Phys.) 13, 279, 1984. Phys), 12: 379, 1986

randomized study of adjuvant chemotherapy for cancer of the upper aerodigestive tract, Kun LE; Toohill RJ; Holoye PY; et al, (Int J Radiat Oncol Biol Phys), 12: 173, 1986

reductive metabolism and hypoxia-selective toxicity of nitracrine, Wilson WR; Denny WA; Stewart GM; et al, (Int J Radiat Oncol Biol Phys), 12: 1235, 1986 regression of osteoblastic metastases from carcinoma of the prostate following therapy with tamoxifen, Amin R, (Br J Radiol), 59: 703, 1986

residual masses after successful chemotherapy for testicular carcinoma, Glowalla M, (AJR), 146: 1184, 1986

response of gastric lymphoma to chemotherapy: radiographic appearance, Fox ER; Laufer I; Levine MS, (AJR), 142: 711,

role of nuclear medicine in chemotherapy of malignant lesions, Kim EE; Haynie TP, (Semin Nucl Med), 15: 12, 1985

(Semin Nucl Med.). 15: 12, 1985 sequential chemo-radiotherapy in locally advanced squamous cell carcinoma of the head and neck, Wendt TG; Chucholowski M; Hartenstein R; et al, (Int J Radiat Oncol Biol Phys). 12: 397, 1986 SR-4233: new bioreductive agent with high selective toxicity for hypoxic mammalian cells, Zeman EM; Brown JM; Lemmon MJ; et al, (Int J Radiat Oncol Biol Phys). 12: 1239, 1986 superselective intracerebral chemotherapy of

superselective intracerebral chemotherapy of malignant tumours with BCNU:

malignant tumours with BCNU: neuroradiological considerations, Theron J; Villemure JG; Worthington C; et al, (Neuroradiol), 28: 118, 1986 supraophthalmic placement of microleak balloon catheters for intracranial chemotherapy infusion: complications and results of therapy, Metes JJ; Lazo A; Wilner HI; et al, (AJNR), 6: 948, 1985

Wilner HI; et al. (AJNR), 6: 948, 1985
thermochemotherapy (combined
cyclophosphamide and hyperthermia) with
or without hyperglycemia as an adjuvant to
radiotherapy. Urano M; Kahn J; Kenton LA,
(Int J Radiat Oncol Biol Phys), 12: 45, 1986
treatment of stages II, III and IV primary
surface epithelial ovarian cancers by
maximum bulk tumour reduction and
combined absorbators with

combined chemotherapy with cyclophosphamide, doxorubicin and cisplatin, Khanna S; Kirwan P; Naftalin NJ; et al., (Clin Radiol), 37: 187, 1986

use of technetium-99m macroaggregated albumin to evaluate the position and condition of totally implanted venous and arterial access devices, Lee RGL; Hill TC; Lokich JJ; Bothe A Jr; Moore C; Clouse ME, (Radiology), 150: 593, 1984

Chemotherapy, complications
axillary-subclavian vein thrombosis following
combination chemotherapy and radiation
therapy in Jymphoma, Schreiber DP;
Kapp DS, (Int J Radiat Oncol Biol Phys), 12:
391, 1986

391, 1986
causes of jaundice during hepatic artery infusion chemotherapy, Anderson SD; Holley HC; Berland LL; Van Dyke JA; Stanley RJ, (Radiology), 161: 439, 1986 cavitation of a mediastinal mass following

cavitation of a mediastinal mass following chemotherapy for histiocytosis-X: CT demonstration, Eftekhari F; Shirkhoda A; Cangir A, (JCAT), 10: 130, 1986 delayed effect of radiation therapy with or without chemotherapy on ovarian function in women with Hodgkin's disease, Fisher B; Cheung AYC, (Radiology), 155: 559, 1985 effect on fertility, libido and sexual function of post-operative radiotherapy and chemotherapy for cancer of the testicle, Levison V, (Clin Radiol), 37: 161, 1986 liver complications and lymphomas treated

liver complications and lymphomas treated with a combination of chemotherapy and radiotherapy: preliminary results, Haddad E; Bourgeois JP; Kuentz M; et al, (Radiology), 154: 863, 1985

(Radiology), 159; 605, 1965 neurologic dysfunction in patients treated for small cell carcinoma of the lung: clinical and radiological study, Chak LY; Zatz LM; Wasserstein P; et al. (Int J Radiat Oncol Biol Phys), 12: 385, 1986

orbital angiographic changes after intracarotid BCNU chemotherapy, Gebarski SS; Greenberg HS; Gabrielsen TO; et al, (AJNR), 5: 55, 1984

adiation recall supraglottitis. a hazard in head and neck chemotherapy, Wallenborn PA; Postma DS, (Radiology), 155: 558, 1985 radiologic manifestations of small-bowel toxicity due to floxuridine therapy, Kelvin FM, Gramm HF; Gluck WL; et al,

(AJR), 146: 39, 1986

renal damage in mice after treatment with cisplatinum alone or in combination with x-irradiation, Stewart F; Bohlken S; Begg A; et al, (Int J Radiat Oncol Biol Phys), 12: 927, 1986

- reversible enteropathy complicating continuous hepatic artery infusion chemotherapy with 5-fluoro-2-deoxyuridine, Gluck WL; Akwari OE; Kelvin FM; et al, (Radiology), 159: 570, 1986 sclerosing cholangitis associated with hepatic arterial FUDR chemotherapy: radiographic-histologic correlation, Shea W Jr; Demas BE; Goldberg HI; et al, (AJR), 146: 717, 1986
- thymic enlargement following chemotherapy, Woodhead PJ, (Radiology), 155: 854, 1985

Cherubism

See Bones, fibrous dysplasia

Chest See Thorax

Chiari-Budd syndrome

See Hepatic veins, thrombosis Children

See also Infants; Infants, newborn; under names of procedures

nonpulmonary abnormalities recognizable in pediatric chest radiographs, Dunbar JS, (Radiol Clin North Am), 22: 723, 1984

Children, cardiovascular system

aneurysms of the posterior cerebral artery in children, Kaplan PA; Hahn FJ, (AJNR), 5: 771, 1984

cardiac and great vessel calcifications in childhood, Bisset GS III, (Semin Roentgenol), **20**: 194, 1985

cardiac complications in children with systemic lupus erythematosus, Englund JA; Lucas RV Jr, (Radiology), **154**: 274, 1985

cardiovascular abnormalities in Kawasaki disease, Novelli VM; Galbraith A; Smallhorn PJ; et al, (Radiology), **154**: 275,

computed tomographic diagnosis of an intracardiac metastasis from osteosarcoma, Watts FB Jr; Zingas AP; Das L; et al, (Radiology), 151: 554, 1984

detection of pulmonary venous flow by pulsed Doppler echocardiography in children, Pickoff AS; Bennett V; Soler P; et al, (Radiology), 150: 858, 1984

Doppler detection of tricuspid regurgitation following Kawasaki disease, Nakano H; Ueda K; Saito A; et al, (Pediatr Radiol), 16:

123, 1986 dotted corticomedullary junction: a sonographic indicator of small-vessel disease in hypertensive children, Garel LA; Pariente DM; Gubler MC; Broyer M; Sauvegrain JH, (Radiology), 152: 419, 1984 dynamic spatial reconstructor: investigating congenital heart disease in four dimensions, Sinak LJ; Hoffman EA; Julsrud PR; et al, (Radiology), 155: 276, 1985

(Radiology), 153, 276, 1563 early echocardiographic and pulmonary function findings in idiopathic scoliosis, Primiano FP Jr; Nussbaum E; Hirschfield SS; et al, (Radiology), 151: 549,

echo planar imaging in paediatrics: real-time nuclear magnetic resonance, Rzedzian R; Doyle M; Mansfield P; et al, (Radiology),

hydatid cyst of the heart in children. a series of nine cases, Mechmeche R; Cheikh MB; Bousnina A; et al, (Radiology), **153**: 566, 1984

iatrogenic injuries of arteries in infants, Perry MO, (Radiology), 152: 256, 1984 idiopathic enlargement of the right atrium, Schlemmer M; Wimmer M; Ponhold W; et al, (Radiology), **151**: 263, 1984

idiopathic multiple systemic aneurysms in a child, Fee H; McGough E, (Radiology), **153**: 275, 1984

275, 1794 interventricular septal configuration as a predictor of right ventricular systolic hypertension in children: a cross-sectional echocardiographic study. King ME; Braun H; Goldblatt A; et al, (Radiology), 151:

548, 1964 jugular venous ectasia in children, Franchella A; Riccipetitoni G; Azzolini P; et al, (Radiology), **151**: 548, 1984

left ventricular false tendons in children: prevalence as detected by 2-dimensional echocardiography and clinical significance, Perry LW; Ruckman RN; Shapiro SR; et al, (Radiology), 152: 850, 1984

lipoma of the mitral valve and papillary muscle, Behnam R; Williams G; Gerlis L; et al, (Radiology), **151**: 262, 1984

mitral valve E point to ventricular septal separation in infants and children, Engle SJ; DiSessa TG; Perloff JK; et al., (Radiology), 152: 850, 1984

noninvasive diagnosis of right cervical aortic arch, D'Cruz IA; Stanley A; Vitullo D; et al, (Radiology), **151**: 274, 1984

normal left atrium: appearance in children on frontal chest radiographs, Rosario-Medina W; Strife JL; Dunbar JS, (Radiology), 161: 345, 1986

percutaneous transluminal angioplasty for pediatric renovascular hypertension, Stanley P; Hieshima G; Mehringer M, (Radiology), 153: 101, 1984

portal obstruction in children. I. clinical investigation and hemorrhage risk, Alvarez F; Bernard O; Brunelle FOS; et al, (Radiology), **152**: 554, 1984

outflow from the severity of left ventricular outflow tract obstruction by quantitative two-dimensional echocardiographic Doppler studies, Lima CO; Sahn DJ; Valdes-Cruz LM; et al. (Radiology), 151: 823, 1984

primary and secondary tumors of childhood involving the heart, pericardium, and great vessels. report of 75 cases and review of the literature, Chan HSL; Sonley MJ; Moes CAF; et al. (Radiology), 158: 574, 1986

sinus pericranii: case report, Witrak BJ; Davis PC; Hoffman JC Jr, (Pediatr Radiol),

sonographic evaluation of the great vessels' interspace in the pediatric retroperitoneum, Grunebaum M; Ziv N; Kornreich L, (Pediatr Radiol), 16: 384, 1986

raduol), 18: 384, 1986 superior vena caval abnormalities: their occurrence rate, associated cardiac abnormalities and angiographic classification in a paediatric population with congenital heart disease, Buirski G; Jordan SC; Joffe HS; et al, (Clin Radiol), 37: 131, 1986

three patients with arteritis, Eke F; Balfe JW; Hardy BE, (Radiology), 155: 551, 1985

tracheobronchial cartilage calcification in children. case reports and review of the literature, Rifkin MD; Pritzker HA, (Radiology), 153: 850, 1984

two-dimensional echocardiographic assessment of caval and pulmonary venous pathways after the Senning operation, Chin AJ; Sanders SP; Williams RG; et al, (Radiology), 151: 548, 1984

two-dimensional echocardiographic assessment of left atrial size in children, Hiraishi S; DiSessa TG; Jarmakani JM; et al, (Radiology), 152: 850, 1984

two-dimensional echocardiographic evaluation of dilated cardiomyopathy in children, Goldberg SJ; Valdes-Cruz LM; Sahn DJ; et al, (Radiology), 152: 850, 1984

#### Children, central nervous system

applications of magnetic resonance imaging in diseases of the pediatric central nervous system, Zimmerman RA; Bilaniuk LT, (Magn Res Imag), 4: 11, 1986

biliary disease in metachromatic leukodystrophy, Heier L; Danement A; Lowden JA; et al, (Radiology), 151: 548, 1984

central nervous system anoxic-ischemic insult in children due to near drowning, Taylor SB; Quencer RM; Holzman BH Naidich TP, (Radiology), 156: 641, 1985

central nervous system hypoxia in children due to near drowning, Fitch SJ; Gerald B; Magill HL; Tonkin ILD, (Radiology), 156: 647, 1985

chemotherapy as an alternative to laminectomy and radiation in the management of epidural tumor, Hayes FA; Thompson EI; Hvizdala E; et al, (Radiology), 153: 273, 1984

chiasmatic and hypothalamic extension of optic nerve glioma, McDonnell P; Miller NR, (Radiology), **151**: 821, 1984

childhood oligodendrogliomas presenting with seizures and low density lesions on computed tomography, Varma RR; Crumrine PK; Bergman I; et al, (Radiology), 151: 262, 1984

clinical utility of magnetic resonance imaging in pediatric neurosurgical patients, Hanigan WC; Wright SM; Wright RM, (Radiology), 160: 862, 1986

colpocephaly: clinical, radiologic, and pathogenetic aspects, Herskowitz J; Rosman NP; Wheeler CB, (Radiology), **161**:

computed tomographic-arteriographic correlates in acute basal ganglionic infarction of childhood, Zimmerman RA; Bilaniuk LT; Packer RJ; et al, (Radiology), 150: 859 1984

computed tomography and seizures in children, Harwood-Nash DC, (Radiology), 151: 262, 1984

computed tomography of the cranio-cervical junction in children, Harwood-Nash DC, (Radiology), **153**: 565, 1984

cranial chordomas in children and young adults, Wold LE; Laws ER Jr, (Radiology), 152: 848, 1984

craniocerebral trauma in the child abuse syndrome: radiological observations, Merten DF; Osborne DRS; Radkowski MA; et al, (Radiology), **154**: 853,

CT of thrombosed arteriovenous malformations in children, Mitnick JS; Pinto RS; Lin JP; Rose H; Lieberman A, (Radiology), 150: 385, 1984

digital subtraction angiography in pediatric cerebrovascular occlusive disease, Cerebrovascular Octusive disease, Faerber EN; Griska LAB; Swartz JD; Capitanio MA; Popky GL, (Radiology), 152: 391, 1984

dystonia caused by putamino-capsulo-caudate vascular lesions, Demierre B; Rondot P, (Radiology), **150**: 860, 1984

encephalo-angiomatosis in black children. a report of 2 cases, Rudolph J; Joubert M, (Radiology), 152: 849, 1984

giant cysic cavernoma in a child. case report, Khosia VK; Banerjee AK; Mathuriya SN; et al, (Radiology), 154: 560,

glue sniffing and cerebral infarction, Parker MJ; Tarlow MJ; Anderson JM, (Radiology), **154**: 852, 1985

hydrocephalus in childhood. a study of 440 cases, Peacock WJ; Currer TH, (Radiology), 155: 854, 1985

hypopituitarism in association with postaxial polydactyly, Culler FL; Jones KL, (Radiology), 154: 560, 1985

intracranial arterial aneurysms in childhood: more recent considerations, Zee C-5; Segall HD; McComb JG; et al, (Radiology), 161: 287, 1986

intracranial calcification in survivors of Campbell AN; McAllister VL; et al, (Radiology), 150: 613, 1984

intramedullary spinal cord tumors in children: localization by intraoperative sonography, Raghavendra BN; Epstein FJ; McCleary L, (AJNR), 5: 395, 1984

intraspinal seeding from intracranial tumors in children, Stanley P; Senac MO Jr; Segall HD, (AJNR), 5: 805, 1984

involvement of posterior visual pathways by optic nerve gliomas, Lourie GL; Osborne DR; Kirks DR, (Pediatr Radiol), 16: 271.1986

management of aneurysms of the petrous portion of the internal carotid artery by resection and primary anastomosis, Glasscock ME III; Smith PG; Bond AG; et al, (Radiology), 152: 553, 1984

medulloblastoma in infants and children: computed tomographic follow-up after treatment, Lee Y-Y; Glass JP; van Eys J; Wallace S, (Radiology), 154: 677, 1985

MR imaging of pediatric cerebral abnormalities, Han JS; Benson JE; Kaufman B; et al, (JCAT), 9: 103, 1985

MRI of the central nervous system in neonates and young children, Lee BCP; Lipper E; Nass R; et al, (AJNR), 7: 605, 1986 neuroradiology of primitive neuroectodermal tumors, Hinshaw DB JF; Ashwal S; Thompson JR; et al, (Radiology), 151: 262, 1004

occult cranium bifidum. radiological and surgical findings, Inoue Y; Hakuba A; Fujitani K; et al, (Radiology), 151: 821, 1984

rujtani K; et al., (Radiology), 151: 6.2.) coculi neuroblastoma presenting with opsomyoclonus: utility of computed tomography, Farrelly CA; Daneman A; Chan H5L; et al., (A]R), 142: 807, 1984 pediatric neck injuries. a clinical study, Hill SA; Miller CA; Kosnik E]; et al., (Radiology), 153: 849, 1984

pediatric neuroblastoma: postoperative radiation therapy using less than 2000 rad, Jacobson HM; Marcus RB Jr; Thar TL; et al, (Radiology), 153: 273, 1984

- percutaneous biopsy of a metastatic spinal nerve root nodule in a child, Stanley P; Senac MO Jr, (AJNR), 5: 427, 1984
- primary brain tumors in children, Naidich TP; Zimmerman RA, (Semin Roentgenol), 19:
- progressive spasticity and scoliosis in children with myelomeningocele. radiological investigation and surgical treatment, Park TS; Cail WS; Magjo WM; et al. (Radiology), 158: 285, 1986
- (Radiology), 136-269, 14700 relationship of cerebral intraventricular hemorrhage and early childhood neurologic handicaps, Papile L-A; Munsick-Bruno G; Schaefer A, (Radiology), 152: 253, 1984
- scleral buckling for retinal detachment in patients with retinoblastoma, Buzney SM; Pruitt RC; Regan CDJ; et al, (Radiology), 155:
- serial brain sonography in two children with leukomalacia and cerebral palsy, Sauerbrei EE, (Radiology), **154**: 852, 1985
- sonography of the caudal spine and back: congenital anomalies in children, Naidich TP; Fernbach SK; McLone DG; et al, (AJNR), 5: 221, 1984
- ultrasound evaluation of complications in shunted hydrocephalus, Lipinski JK; Peacock WJ; Cremin BJ, (Radiology), 154: 852, 1985

#### Children, ear

- labyrinthine ossification secondary to childhood bacterial meningitis: implications for cochlear implant surgery, Becker TS; Eisenberg LS; Luxford WM; et al, (AJNR), 5: 739, 1984
- Children, endocrine glands
  - incidence of late endocrine dysfunction following irradiation for childhood medulloblastoma, Abayomi OK; Sadeghi-Nejad A, (Int J Radiat Oncol Biol Phys), 12:
- normal pituitary stalk size in children: CT study, Seidel FG; Towbin R; Kaufman RA, (AJR), 145: 1297, 1985
- problem-oriented approach to the imaging of pediatric endocrine disorders, Haller JO; Bass IS; Nardi PM; et al, (Semin US CT MR),

#### Children, eye

- Ewing's tumor following bilateral retinoblastoma. a case report, Schifter S; Vendelbo L; Jensen OM; et al, (Radiology), 150: 858, 1984
- unusual case of orbital encephalocele, Downey EF Jr; Weinstein ZR, (AJNR), 5: 199, 1984

#### Children, gastrointestinal tract

- angiography in gastrointestinal bleeding in children, Meyerovitz MF; Fellows KE, (AJR), 143: 837, 1984
- approach to imaging the upper abdomen in the injured child, Kaufman RA; Babcock DS, (Semin Roentgenol), 19: 308, 1984
- azarcon por empacho—another cause of lead toxicity, Brose A; Vashistha K; O'Loughlin BJ, (Radiology), **152**: 255, 1984
- balloon catheter dilatation of oesophageal strictures in children, Dux AEW; Hall CM; Spitz L, (Radiology), 153: 850, 1984
- Behcet's syndrome involving the gastrointestinal tract—diagnostic dilemma in childhood, Stringer DA; Cleghorn GJ; Durie PR; et al, (Pediatr Radiol), 16: 131,
- biliary disease in metachromatic leukodystrophy, Heier L; Danement A; Lowden JA; et al, (Radiology), 151: 548, 1984
- childhood choledochal cyst with intrahepatic enlarged cyst-like bile ducts, Jequier S; Capusten B; Guttman F; et al, (Radiology), 153: 851, 1984
- childhood Menetrier's disease: four new cases and discussion of the literature, Baker A; Volberg F; Sumner T; et al, (Gastrointest Radiol), 11: 131, 1986
- cholelithiasis in children: recent observations, Henschke CI; Teele RL, (Radiology), 152:
- chronic relapsing pancreatitis in childhood, Ghishan FK; Greene HL; Avant GR; et al, (Radiology), **150**: 290, 1984
- congenital oesophageal stenosis due to fibromuscular thickening, Todani T; Watanabe Y; Mizuguchi T; et al, (Radiology), 155: 854, 1985

- correlation of double-contrast high-density barium enema, colonoscopy, and histology in children with special attention to disparities, Stringer DA; Sherman PM; Jakowenko N, (Pediatr Radiol), 16: 298, 1986
- CT guided percutaneous decompression of a rectal duplication cyst in a child, Ramsewak W; Millward SF; Toi A; et al, (J Canad Assoc Radio)), 37: 46, 1986
- cystic duplication of the colon combined with nonrotation anomaly imitating pyloric stenosis, Kufass T; Lindman CR, (Radiology), 150: 860, 1984
- dissection sign of nonreducible ileocolic intussusception, Fishman MC; Borden S IV; Cooper A, (AJR), 143: 5, 1984
- distended gasless abdomen: fertile field for ultrasound, Seibert JJ; Williamson SL; Golladay ES; et al. (J Ultrasound Med), 5: 301, 1986
- duodenal ulceration presenting in childhood. longterm follow-up, White A; Carachi R; Young DG, (Radiology), **152**: 851, 1984
- duplication of the gallbladder associated with childhood obstructive biliary disease and biliary cirrhosis, Granot E; Deckelbaum RI; Gordon R; et al, (Radiology), 153: 566, 1984
- early diagnosis and treatment of Hirschsprung's disease in New Mexico, Kosloske AM; Goldthorn JF, (Radiology), 153: 851, 1984
- enterocolitis: prodrome of the hemolytic-uremic syndrome, Kawanami T; Bowen A III; Girdany BR, (Radiology), **151**: 91, 1984
- esophageal strictures in children: treatment by balloon dilatation, Ball WS Jr; Strife JL; Rosenkrantz J; Towbin RB; Noseworthy J, (Radiology), 150: 263, 1984
- fluoroscopic removal of ingested alkaline batteries, Jaffe RB; Corneli HM, (Radiology), 150: 585, 1984
- gallbladder visualization following pediatric cardioangiography with Hexabrix, Gillespie JE; Gholkar A; Gupta S, (Radiology), 158: 575, 1986
- gastric involvement in chronic granulomatous disease of childhood: demonstration by computed tomography and upper gastrointestinal studies, Kenney PJ; Brinsko RE; Patel DV, (JCAT), 9: 563, 1985
- gastrografin treatment of intestinal obstruction due to ascaris lumbricoides, Bar-Maor JA; de Carvalho JLAF; Chappell J, (Radiology), 153: 850, 1984
- gastrointestinal manifestations of neurofibromatosis in children: a report of two cases, Hassell P, (Radiology), 150: 859,
- Hirschsprung disease: accuracy of the barium enema examination, Rosenfield NS; Ablow RC; Markowitz RI; DiPietro M; Seashore JH; Touloukian RJ; Cicchetti DV, (Radiology), 150: 393, 1984
- hydrostatic reduction of childhood intussusception. the role of adjuvant glucagon medication, Mortensson W; Eklof O; Laurin S, (Radiology), 156: 274,
- ileal dysgenesis presenting with anemia and growth failure, Orenstein SR; Magill HL; Whitington PF, (Radiology), **152**: 851, 1984
- ingested foreign bodies: removal by magnet, Volle E; Hanel D; Beyer P; Kaufmann HJ, (Radiology), **160**: 407, 1986
- integrated imaging of hepatic tumors in childhood. part II: benign lesions (congenital, reparative, and inflammatory), Miller JH; Greenspan BS, (Radiology), **154**: 91, 1985
- integrated imaging of hepatic tumors in childhood, part I: malignant lesions (primary and metastatic), Miller JH; Greenspan BS, (Radiology), 154: 83, 1985
- intestinal perforation in abdominal typhus in childhood, Vogel H; Rodriguez HCG; Gomez MZ; et al, (Radiology), **150**: 290, 1984
- intrahepatic calcifications in infants and children following umbilical vein catheterization, Richter E; Globl H; Holthusen W; et al, (Radiology), 153: 568,
- intussusception: influence of age on reducibility, Jennings C; Kelleher J, (Radiology), **154**: 854, 1985

- jejunal intubation via gastrostomy catheters in pediatric patients, Strife JL; Dunbar JS; Rice S, (Radiology), **154**: 249, 1985
- ruce 5, (Kadiology), 154: 249, 1985 long-term follow-up of surgery for gastroesophageal reflux in infants and children, Harnsberger JK; Corey JJ; Johnson DG; et al, (Radiology), 150: 289, 1984
- Raffensperger JG; Gonzalez-Crussi F; Skeehan T, (Radiology), 152: 851, 1984 mesourachus and colon obstruction,
- Dammert W; Currarino G, (Radiology), 151: 263, 1984
- percutaneous cholecystography in children, Brunelle FOS; Chaumont P, (Radiology), 153: 566, 1984
- 193: 306, 1934
  plain abdominal radiographs in children with inflammatory bowel disease, Taylor GA;
  Nancarrow PA; Hernanz-Schulman M; et al, (Pediatr Radiol), 16: 206, 1986
  Play-Doh in the gastrointestinal tract: modify 'CHIP' Pto 'CHIP'PED', Wason S; Dalsey W;
  Billmire ME; et al, (Radiology), 160: 575,
- 1986

  prone films of abdomen—a diagnostic tool in intestinal obstruction in children, Cherian MJ; Kumar EN; Cherian K; et al, (Radiology), 150: 613, 1984

  radiographic features of appendiceal colic in children, Schisgall RM, (Pediatr Radiol), 16: 392, 1986

- 392, 1980 radiographic findings in severe rotavirus-induced colitis, Fernbach SK; Lloyd-Still JD, (Radiology), 155: 551, 1985 radiological findings in total aganglionosis coli, DeCampo JF; Mayne V; Boldt DW; et al, (Radiology), 153: 851, 1984
- real-time ultrasound in Crohn's disease: characteristic features and clinical implications, Dinkel E; Dittrich M; Peters H; et al, (Pediatr Radiol), **16**: 8, 1986
- returent gastrointestinal bleeding in a child with portal hypertension, Kerlan RK Jr; Pogany AC; Ring EJ; (AJR), 143: 327, 1984 recurrent tracheo-esophageal fistula: a protocol for investigation, Stringer DA; Ein SH, (Radiology), 151: 637, 1984
- recurrent tracheoesophageal fistulas. seventeen-year review, Ein SH; Stringer DA; Stephens CA; et al, (Radiology), 150: 859, 1984
- resolving duodenal-jejunal hematoma in abused children, Kleinman PK; Brill PW; Winchester P, (Radiology), **160**: 747, 1986
- retrograde jejuno-duodeno-gastric intussusception, Lamont AC; Rode H, (Radiology), 158: 575, 1986 sonographic assessment of the biliary system in childhood, Peters H; Dittrich M; Dinkel E, (Radiology), 152: 255, 1984
- sonography of the normal and abnormal stomach (excluding hypertrophic pyloric stenosis) in children, Stringer DA; Daneman A; Brunelle F; et al, (J Ultrasound Med), 5: 183, 1986
- splenic flexure volvulus: complication of pseudoobstruction in infancy, Reinarz S; Smith WL; Franken EA Jr; et al, (AJR), **145**: 1303, 1985
- spontaneous regression of infantile hemangioendotheliomatosis of the liver: demonstration by ultrasound, Pardes JG; Bryan PJ; Gauderer MWL, (Radiology), 150:
- typhlitis: a cause of gastrointestinal hemorrhage in children, Meyerovitz MF; Fellows KE, (AJR), 143: 833, 1984
- ultrasonography of the liver and biliary tree in children, Madigan SM; Teele RL, (Semin US CT MR), 5: 68, 1984
- ultrasound and radionuclide biliary scanning in acute pediatric abdominal pain, McGahan JP, Phillips HE; Stadalnik RC; et al, (Radiology), 151: 549, 1984
- ultrasound diagnosis of gastro-oesophageal reflux, Naik DR; Moore DJ, (Radiology), **154**: 275, 1985
- ultrasound scanning of the gastrointestinal tract in children: subject review, Miller JH; Kemberling CR, (Radiology), 152: 671, 1984
- unusual presentation of carcinoma of the colon in a child, Heydenrych JJ; Warren B, (Radiology), 154: 276, 1985

- use of low osmolality water soluble (LOWS) contrast media in the pediatric gastro-intestinal tract: report of 115 examinations, Ratcliffe JF, (Pediatr Radiol). 16: 47, 1986
- value of computed tomography in traumatic pancreatitis in children, Ivanceb K; Kullendorff C-M, (Radiology), **152**: 851, 1984
- value of the peroral pneumocolon in children, Stringer DA; Sherman PM; Liu P; et al, (AJR), 146: 763, 1986
- value of the small bowel enema in children, Stringer DA; Cloutier S; Daneman A; et al, (J Canad Assoc Radiol), 37: 13, 1986
- Waardenburg's syndrome associated with total aganglionosis, Farndon PA; Bianchi A, (Radiology), 152: 849, 1984
- Wolman's disease: ultrasound and CT diagnosis, Dutton RV, (Radiology), **156**: 274, 1985

#### Children, genitourinary system

- abnormal urethrogram in bulbar urethritis of male childhood, Barton EJ; Whitaker RH, (Radiology), 152: 256, 1984
- acute scrotal swelling in children, Caldamone AA; Valvo JR; Atebarmakian VK; et al, (Radiology), 155:
- artificial urinary sphincters in children: radiographic evaluation, Taylor GA; Lebowitz RL, (Radiology), **155**: 91, 1985
- asymptomatic scrotal masses in children, Barth RA; Teele RL; Colodny A; Retik A; Bauer S, (Radiology), **152**: 65, 1984
- case reports: intraureteric eversion and reflux into a simple ureterocele, Chapman S; Bolton R, (Radiology), 153: 851, 1984
- causes of increased renal echogenicity in pediatric patients, Krensky AM; Reddish JM; Teele RL, (Radiology), 152: 554, 1984
- coexistence of primary megaureter and reflux, Blickman JG; Lebowitz RL, (AJR), 143: 1053, 1984
- CT peritoneography in evaluation of pediatric dialysis complications, Magill HL; Roy S III; Stapleton FB, (AJR), 147: 325, 1986
- danger of urography in hyperuricemic children with Burkitt's lymphoma, Mandell GA; Swacus JR; Rosenstock J; et al, (Radiology), 153: 274, 1984
- detection of vesicoureteral reflux in the child, Lebowitz RL, (Invest Radiol), 21: 519, 1986
- diagnosis of upper urinary tract obstruction in children: comparison of diuresis renography and pressure flow studies, Gonzalez R; Chiou RK, (Radiology), 156: 566, 1985
- diagnostic evaluation of adult polycystic kidney disease in childhood, Walker FC Jr; Loney LC; Root ER; et al, (AJR), **142**: 1273, 1984
- dotted corticomedullary junction: a sonographic indicator of small-vessel disease in hypertensive children, Garel LA; Pariente DM; Gubler MC; Broyer M; Sauvegrain JH, (Radiology), 152: 419, 1984
- enterocolitis: prodrome of the hemolytic-uremic syndrome, Kawanami T; Bowen A III; Girdany BR, (Radiology), 151: 91, 1984
- evaluation of obstructive uropathy in children: radionuclide renography vs. the Whitaker test, Senac MO Jr; Miller JH; Stanley P, (AJR), 143: 11, 1984
- evolution of renal segmental atrophy (Ask-Upmark kidney) in children with vesicoureteric reflux: radiographic and morphologic studies, Shindo 5; Bernstein J; Arant BS Jr, (Radiology), 151: 263, 1984
- excretory urography with iohexol: evaluation in children, Magill HL; Clarke EA; Fitch SJ; Boulden TF; Ramirez R; Siegle RL; Somes GW, (Radiology), 161: 625, 1986
- extravasation of contrast material from unused bladders during voiding cystourethrography, Day DL, (Radiology), 155: 105, 1985
- glomerular filtration rate in children iomerular httraton rate in children; determination from the Tc-99m-DTPA renogram, Shore RM; Koff SA; Mentser M; Hayes JR; Smith SP; Smith JP; Chesney RW, (Radiology), **151**: 627, 1984
- increased incidence of contrast medium reactions in children undergoing urography after accidents, Brinkmann H; Gunther M, (Radiology), 153: 274, 1984

- increased renal cortical echogenicity in pediatric renal disease: histopathologic correlations, Brenbridge AN; Chevalier RL; Kaiser DL, (JCU), 14: 595, 1986
- infundibulopelvic stenosis in children, Lucaya J; Enriquez G; Delgado R; et al, (AJR), **142**: 471, 1984
- interrenicular junction: mimic of renal scarring on normal pediatric sonograms, Hoffer FA; Hanabergh AM; Teele RL, (AJR), 145: 1075, 1985
- interventional genitourinary radiology in children: review of 61 procedures, Ball WS Jr; Towbin RB; Strife JL; et al, (AJR), 147: 791, 1986
- intrarenal epidermoid cyst, Duprat G Jr; Filiatrault D; Michaud J, (Pediatr Radiol), 16:
- iopamidol for intravenous urography. a comparative study in infants and children, Lemaitre L, (Radiology), **152**: 845, 1984
- juvenile nephronophthisis: sonographic appearance in children with severe uremia, Garel LA; Habib R; Pariente DM; Broyer M; Sauvegrain JH, (Radiology), 151: 93, 1984
- kidney length correlated with age: normal values in children, Currarino G; Williams B; Dana K, (Radiology), 150: 703, 1984
- lacuna magna: a hidden cause of dysuria and bloody spotting in boys, Bellinger MF; Purohit GS; Duckett JW; et al, (Radiology), 150: 290, 1984
- localization of urinary tract infection with <sup>9m</sup>Tc glucoheptonate scintigraphy, Traisman ES; Conway JJ; Traisman HS; et al, (Pediatr Radiol), **16**: 403, 1986
- medullary sponge kidney in childhood, Patriquin HB; O'Regan S, (AJR), 145: 315, 1985
- megacystis-megaureter syndrome, Burbige KA; Lebowitz RL; Coldny AH; et al, (Radiology), **154**: 561, 1985
- megapolycalicosis with ureteric obstruction: a retrospective analysis of ten children cases, Holthusen W; Lundius B, (Radiology), 153: 567, 1984
- multicystic ovaries in primary hypothyroidism, Lindsay AN; Voorhess ML; MacGillivray MH, (Radiology), 150: 613,
- neuroblastoma metastatic to the testis ultrasonographic screening as an aid to clinical staging, Casola G; Scheible W; Leopold GR, (Radiology), **151:** 475, 1984
- normal renal growth in children with myelodysplasia, Gross GW; Thornburg AJ; Bellinger MF, (AJR), 146: 615, 1986
- options in the evaluation of pediatric urinary tract infections: role of radiography and ultrasound, Mason WG Jr. Stevens PS, (Semin US CT MR), 7: 234, 1986
- pediatric percutaneous nephrostomy: experience with 50 patients, Stanley P; Diament MJ, (Radiology), **161:** 863, 1986
- pediatric urography: comparison of metrizamide and methylglucamine diatrizoate, Robey G; Reilly Bj; Carusi PA; Nguyen KB, (Radiology), 150: 61, 1984
- pelvic sonography of the pediatric patient, Comstock CH; Boal DKB, (Semin US CT MR), 5: 54, 1984
- percutaneous nephrostomy in neonates, infants, and children, Winfield AC; Kirchner SG; Brun ME; Mazer MJ; Braren HV; Kirchner FK Jr, (Radiology), 151:
- percutaneous studies of the upper urinary tract in children, with special emphasis on infants, Riedy MJ; Lebowitz RL, (Radiology), 160: 231, 1986
- percutaneous ultrasonic lithotripsy of symptomatic renal calculi in children, Papanicolaou N; Pfister RC; Young HH; et al, (Pediatr Radiol), **16**: 13,
- posterior urethral valve. a review of 120 cases, Aaronson IA, (Radiology), 153: 851, 1984
- osterior urethral valves: update and review, Macpherson RI; Leithiser RE Jr; Gordon L; Turner WR, (Radiographics), 6: 753, 1986
- radionuclide cystography in children: comparison of direct (retrograde) and indirect (intravenous) techniques, Majd M; Kass EJ; Belman AB, (Radiology), 158: 288, 1986

- refluxing urethral ectopic ureters: recognition by the cyclic voiding cystourethrogram, Wyly JB; Lebowitz RL, (AJR), 142: 1263, 1984
- renal calcium deposition in children: sonographic demonstration of the Anderson-Carr progression, Patriquin H; Robitaille P, (A)R), 146: 1253, 1986
- renal cell carcinoma in the first two decades of life, Chan HSL; Daneman A; Gribbin M; et al, (Radiology), 151: 548, 1984
- renal cystic disease in childhood, Hayden CK Jr; Swischuk LE; Smith TH; Armstrong EA, (Radiographics), 6: 97, 1986
- renal growth retardation in children: sign suggestive of vesicoureteral reflux?, Ginalski J-M; Michaud A; Genton N, (AJR), 145: 617, 1985
- renal sonography in the differentiation of upper from lower urinary tract infection, Dinkel E; Orth S; Dittrich M; et al, (AJR),
- renal transplant rejection: sonographic evaluation in children, Slovis TL; Babcock DS; Hricak H; Han BK; Rose G; McEnery P; Muz H; Chang C-H; Fleischman LE; Corbett DP, (Radiology), 152, 459, 1084 153: 659, 1984
- review of the ultrasonic appearances of posterior urethral valve and ureteroceles, Cremin BJ, (Pediatr Radiol), 16: 357, 1986
- role of excretory urography in the evaluation of girls with urinary tract infection, Redman JF; Seibert JJ, (Radiology), 156: 275,
- small dense kidneys in a 7-year-old, Martino CR; Pakter RL; Schultz CL; et al, (Invest Radiol), **21**: 76, 1986
- sonographic appearance of the hemorrhagic ovarian cyst in adolescents, Bass IS; Haller JO; Friedman AP; et al, (Radiology), 156: 275, 1985
- sonographic assessment of renal length in normal children, Rosenbaum DM; Korngold E; Teele RL, (AJR), **142**: 467, 1984
- sonographic diagnosis of urinary tract obstruction in childhood, Dinkel E; Peters H; Dittrich M, (Radiology), 152: 255,
- onographic evaluation of urinary tract infections in children, Ben-Ami T, (Semin US CT MR), 5: 19, 1984
- sonographic measurements and appearance of normal kidneys in children, Han BK; Babcock DS, (AJR), 145: 611, 1985
- sonographic monitoring of LHRH analogue therapy in idiopathic precocious puberty in young girls, Hall DA; Crowley WF; Wierman ME; et al. (JCU), 14: 331, 1986
- sonography as a substitute for excretory urography in children with urinary tract infection, Leonidas JC; McCauley RGK; Klauber GC; et al, (AJR), 144: 815, 1985
- sonography of adrenal glands in neonates and children: changes in appearance with age, Kangarloo H; Diament MJ; Gold RH; et al, (JCU), 14: 43, 1986
- sonography of vesical and perivesical abnormalities in children, Friedman AP; Haller JO; Schulze G; et al, (Radiology), 152: 852, 1984
- spectrum of sonographic findings in infantile polycystic kidney disease with urographic and clinical correlations, Melson GL; Shackelford GD; Cole BR; et al, (Radiology), 158: 283, 1986
- transplanted kidney in children: comparative value of various echographic signs of acute rejection, Garel L; Bonnard V; Barral V; et al, (Radiology), 158: 283, 1986
- true hermaphroditism with vaginomegaly: a cause of pseudo-urinary tract infection, Anderson SW; Gilani BB; MacGillivray MH; et al, (Radiology), 152-256, 1984
- ultrasonography of the complicated duplex kidney: further observations, Wyly JB; Resende CMC; Teele RL, (Semin US CT MR),
- ultrasound evaluation of female isosexual precocious puberty, Shawker TH; Comite F; Rieth KG, (Radiology), 154: 853, 1985
- ultrasound of Wilms' tumor, De Campo JF, (Pediatr Radiol), 16: 21, 1986

### Children, genitourinary system

- ureteral diameter in low-risk vesicoureteral reflux in infancy and childhood, Hellstrom M.; Hjalmas K.; Jacobsson B; et al, (Acta Radiol [Diagn]), **27**: 77, 1986
- ureterovesical obstruction and megaloureter: diagnosis by real-time US, Wood BP; Ben-Ami T; Teele RL; Rabinowitz R, (Radiology),
- urinary tract infection in boys, Burbige KA; Retik AB; Colodny AH; et al, (Radiology), 155: 857, 1985
- urinary tract infection in children: a reappraisal of its radiologic investigation, Nicolet V; Grignon A; Perreault G; et al, (Radiology), **155**: 856, 1985
- urinary tract infection in infants and children evaluated by ultrasound, Kangarloo H; Gold RH; Fine RN; Diament MJ; Boechat MI, (Radiology), 154: 367, 1985
- urinary tract infections in childhood: current imaging approach, Hayden CK Jr; Swischuk LE; Fawcett HD; Rytting JE; McCord G, (Radiographics), 6: 1023, 1986
- urinary tract infections in children: renal ultrasound evaluation, Mason WG Jr, (Radiology), 153: 109, 1984
- value of ultrasonography as a screening procedure in a first-documented urinary tract infection in children, Jequier S; Forbes PA; Nogrady MB, (J Ultrasound Med), 4: 393, 1985
- variability of urographic findings in posterior urethral valves, Eklof O; Olsson H, (Radiology), **150**: 860, 1984
- voiding cystourethrography: initial radiologic study in children with urinary tract infections, Blickman JG; Taylor GA; Lebowitz RL, (Radiology), 156: 659, 1985
- Wilms tumor in children: abdominal CT and US evaluation, Reiman TAH; Siegel MJ; Shackelford GD, (Radiology), 160: 501, 1986

#### Children, injuries

- blunt hepatic injury and elevated hepatic enzymes: clinical correlation in children Oldham KT; Guice KS; Kaufman RA; et al, (Radiology), 156: 275, 1985
- cerebral computed tomography in drowning victims, Murray RR; Kapila A; Blanco E; et al, (AJNR), 5: 177, 1984
- cranial computed tomography in the abused child with head injury, Cohen RA; Kaufman RA; Myers PA; et al, (AJNR), 6:
- craniocerebral trauma in the child abuse syndrome: radiological observations, Merten DF; Osborne DRS; Radkowski MA; et al, (Radiology), **154:** 853,
- radiographic identification of ingested disc batteries, Maves MD; Lloyd TV; Carithers JS, (Pediatr Radiol), **16**: 154, 1986
- rare cause of posttraumatic locked hip in a child, Kaelin A, (Radiology), 155: 856, 1985
- resolving duodenal-jejunal hematoma in abused children, Kleinman PK; Brill PW; Winchester P, (Radiology), **160**: 747, 1986
- retinal hemorrhage after cardiopulmonary resuscitation or child abuse, Kanter RK, (Radiology), 160: 575, 1986
- significance of intraarticular fluid without visible fracture in children, Swischuk LE; Hayden CK Jr; Kupfer MC, (AJR), 142: 1261,
- trampoline fracture of the proximal tibia in children, Boyer RS; Jaffe RB; Nixon GW; et al, (AJR), **146**: 83, 1986
- traumatic perforation of the hypopharynx-unusual form of abuse, McDowell HP; Fielding DW, (Radiology), **155**: 551, 1985
- upper abdominal trauma in children: imaging evaluation, Kaufman RA; Towbin RB; Babcock DS; et al, (AJR), **142**: 449, 1984
- value of radiologic skeletal survey in assessment of abused children, Ellerstein NS; Norris KJ, (Radiology), **157**: 282, 1985

### Children, lymphatic system

- Hodgkin disease and non-Hodgkin lymphomas in children: utilization of radiological modalities, Cohen MD; Siddiqui AR; Weetman RM; Provisor AJ; Coates T, (Radiology), 158: 499, 1986
- Kawasaki disease: Canadian update, Rowe RD; Rose V, (Radiology), 156: 274, 1985

rapidly progressive proptosis secondary to Burkitt's lymphoma. origin in the ethmoid sinus, Blakemore WS; Ehrenberg M; Fritz KJ; et al, (Radiology), **152**: 849, 1984

#### Children, neoplasms

See Neoplasms, in infants and children

#### Children, radiography

See Radiography, in infants and children

#### Children, respiratory system

- adult respiratory distress syndrome in children, Effmann EL; Merten DF; Kirks DR; Pratt PC; Spock A, (Radiology), **157**: 69, 1985
- bronchial obstruction: a radiographic sign, Berdon WE; Dee G; Abramson SJ; Altman RP; Wung J-T, (Radiology), **150**: 691,
- causes of congenital unilateral pulmonary hypoplasia: study of 33 cases, Currarino G; Williams B, (Radiology), **156**: 273, 1985
- coin ingestion: unusual appearance of the penny in a child, Fernbach SK; Tucker GF, (Radiology), **158**: 512, 1986
- (mattology), 2013 July 1987, 2014 (mattology), 2014 methods of chest roentgenography in infants and young children, Gaisie G; Dominguez R; Young LW; (Radiology), 153: 568, 1984
- complementary roles of ultrasound and plain film radiography in differentiating pediatric chest abnormalities, Rosenberg HK, (Rediographics) 6, 477, 196 (Radiographics), 6: 427, 1986
- computed tomography diagnosis of bronchial compression by the spine after surgical correction of scoliosis, Karoll M; Hernandez RJ; Wessel HU, (Radiology), 154: 853, 1985
- early echocardiographic and pulmonary function findings in idiopathic scoliosis, Primiano FP Jr; Nussbaum E; Hirschfield SS; et al, (Radiology), **151**: 549,
- hyperimmunoglobulinemia E syndrome: pulmonary imaging considerations, Fitch SJ; Magill HL; Herrod HG; et al, (Pediatr Radiol), 16: 285, 1986
- intrathoracic extramediastinal cystic hygroma, Pike MG; Wood AJ; Corrin B; et al, (Radiology), 153: 274, 1984
- laryngeal saccule: radiological features in normal children and in upper airways obstructions, Claudon M; Lemaitre L; Francke JP; et al, (Radiology), 153: 566, 1984
- long-term sequelae in children surviving adult respiratory distress syndrome, Fanconi S; Kraemer R; Weber J; et al, (Radiology), **156**:
- lung abscesses in children: diagnostic and therapeutic needle aspiration, Lorenzo RL; Bradford BF; Black J; Smith CD, (Radiology),
- magnetic resonance imaging of the thorax in childhood, Brasch RC; Gooding CA; Lallemand DP; Wesbey GE, (Radiology), **150**:
- mycoplasma pneumonia: presentation as a mediastinal mass, Demos TC; Studlo JD; Puczynski M, (AJR), **143**: 981, 1984
- noninvasive diagnosis of pulmonary hemorrhage in rheumatoid arthritis, O'Brodovich H; Way C; Andrew M; et al, (Radiology), **152**: 553, 1984
- opaque chest: when to suspect a bronchial foreign body, Seibert RW; Seibert JJ; Williamson SL, (Pediatr Radiol), **16**: 193,
- plastic bronchitis: large, branching, mucoid bronchial casts in children, Bowen A; Oudjhane K; Odagiri K; et al, (AJR), **144:** 371,
- pseudomembranous croup, Henry RL; Mellis CM; Benjamin B, (Radiology), **151**: 262, 1984
- pulmonary blastoma in children. two cases, Galifer RB; Margueritte G; Gubler JP; et al, (Radiology), 151: 548, 1984
- pulmonary disease in children with acquired immune deficiency syndrome and AIDS-related complex, Rubinstein A; Morecki R; Silverman B; et al, (Radiology), 160: 862, 1986
- pulmonary hemorrhage associated with systemic lupus erythematosus in children, Ramirez RE; Glasier C; Kirks D; Shackelford GD; Locey M, (Radiology), **152**:

- pulmonary sequestration associated with unilateral pulmonary hypoplasia and massive pleural effusion, Lucaya J; Garcia-Conesa A; Bernado L, (Radiology), 153: 850,
- pulmonary sequestration of the upper lobe in children, Hoeffel J-C; Bernard C, (Radiology), **160**: 513, 1986
- pulmonary ventilation in children. digital subtraction study, Schmit P; Faure C; Sardet A; et al, (Radiology), **158**: 282, 1986
- quantitative ventilation-perfusion lung scans in infants and children: utility of a submicronic radiolabeled aerosol to assess ventilation, O'Brodovich HM; Coates G, (Radiology), 155: 551, 1985
- radiological aspects of South American blastomycosis in children, Boechat MI; Gold RH; Gilsanz V; et al, (Radiology), **153**:
- radiological findings in children with respiratory syncytial virus infection: relationship to clinical and bacteriological findings, Eriksson J; Nordshus T; Carlsen K-H; et al, (Pediatr Radiol), **16**: 120, 1986
- radiological patterns of pulmonary tuberculosis in the paediatric age group, Lamont AC; Cremin BJ; Pelteret RM, (Pediatr Radiol), 16: 2, 1986
- respiratory complications of achondroplasia, Stokes DC; Phillips JA; Leonard CO; et al, (Radiology), **150**: 289, 1984
- thoracic complications of plasma cell granuloma of the lung, Kirkpatrick JA Jr; Harris GBC; Kushner DC, (Radiology), **153**: 566, 1984
- tracheobronchial cartilage calcification in children. case reports and review of the literature, Rifkin MD; Pritzker HA, (Radiology), 153: 850, 1984
- upper airway obstruction in children: an update, Macpherson RI; Leithiser RE, (Radiographics), 5: 339, 1985
- usefulness of chest radiographs in first asthma attacks, Gershel JC; Goldman HS; Stein REK; et al, (Radiology), **151**: 547, 1984
- viral vs. bacterial pulmonary infections in children (is roentgenographic differentiation possible?), Swischuk LE; Hayden CK Jr, (Pediatr Radiol), **16**: 278, 1986

#### Children, skeletal system

- 30-year experience with bone graft epiphysiodesis in the treatment of slipped capital femoral epiphysis, Weiner DS; Weiner S; Melby A; et al, (Radiology), 153: 567, 1984
- abnormalities of the spine in relation to congenital upper limb deficiencies, Powers TA; Haher TR; Devlin VJ; et al, (Radiology), **151**: 549, 1984
- absorbed radiation dose from routine imaging of the skeleton in children, Gelfand MJ; Thomas SR; Kereiakes JG, (Radiology), **151**:
- acquired valgus deformity of the tibia in children, Balthazar DA; Pappas AM, (Radiology), **155**: 552, 1985
- acute epiphyseal osteomyelitis in children, Rosenbaum DM; Blumhagen JD, (Radiology), **156**: 89, 1985
- acute osteomyelitis in children: combined Tc-99m and Ga-67 imaging, Lewin JS; Rosenfield NS; Hoffer PB; Downing D, (Radiology), 158: 795, 1986
- aluminum bone disease in children: radiographic features from diagnosis to resolution, Andreoli SP; Smith JA; Bergstein JM, (Radiology), **156**: 663, 1985
- aluminum bone disease in children: radiographic features from diagnosis to resolution, Daves ML, (Radiology), 159: 283,
- aluminum bone disease in children: radiographic features from diagnosis to resolution: reply, Andreoli SP; Smith JA; Bergstein JM, (Radiology), 159: 284, 1986
- annotations: how to make the most of bone ages, Buckler JMH, (Radiology), 152: 852, 1984
- antenatal diagnosis of Caffey disease, Labrune M; Guedj G; Vial M; et al, (Radiology), **150**: 860, 1984

- arthrography in the posttraumatic elbow in children, Blane CE; Kling TF Jr; Andrews JC; et al, (AJR), 143: 17, 1984
- arthrogryposis of the hand, Yonenobu K; Tada K; Swanson AB, (Radiology), 155: 552, 1985
- arthrosonography of the irritable hip in childhood: review of 1 year's experience, Adam R; Hendry GMA; Moss J; et al, (Br J Radiol), 59: 205, 1986
- Seessment of bone age: comparison of the Greulich and Pyle, and the Tanner and Whitehouse methods, Milner GR; Levick RK; Kay R, (Clin Radiol), 37: 119,
- ball-and-socket ankle joint: anatomical and kinematic analysis of the hindfoot, Hiroshima K; Kurata Y; Nakamura M; et al, (Radiology), 155: 552, 1985
- basilar impression in children, Teodori JB; Painter MJ, (Radiology), 157: 282, 1985 bilateral failure of the capital femoral epiphysis: bilateral Perthes disease, multiple epiphyseal dysplasia, pseudoachondroplasia, and
- spondyloepiphyseal dysplasia congenita and tarda, Crossan JF; Wynne-Davies R; Fulford GE, (Radiology), 151: 264, 1984
- bone changes after rubella vaccination, Peters ME; Horowitz S, (AJR), 143: 27, 1984 bone metastases in Wilms' tumor: occurrence and radiological appearance, Eklof O; Mortensson W; Sandastedt B; et al, (Radiology), 153: 568, 1984
- case reports. digital lesions in non-accidental injuries in children, Rao KS; Hyde I, (Radiology), 153: 851, 1984
- (Radiology), 153: 851, 1964 characterization of "transient synovitis of the hip" in children, Haueisen DC; Weiner DS; Weiner SD, (Radiology), 159: 824, 1986 chondrosarcoma in children subsequent to other malignant tumours in different locations, Vanel D; Coffre C; Zemoura L; et al. (Radiology), 154: 562, 1985
- clinical, computed tomographic, and histopathologic characteristics of juvenile ossifying fibroma with orbital involvement, Shields JA; Nelson LB; Brown JF; et al, (Radiology), **152**: 553, 1984
- cold lesions on bone scan in pediatric neoplasms, Weingrad T; Heyman S; Alavi A, (Radiology), 153: 851, 1984
- computed tomographic demonstration of choanal atresia, Tadmor R; Ravid M; Millet D; et al, (AJNR), 5: 743, 1984
- computed tomography diagnosis of bronchial compression by the spine after surgical correction of scoliosis, Karoll M; Hernandez R]; Wessel HU, (Radiology), 154:
- computerized tomography of cranial sutures. part 2: abnormalities of sutures and skull deformity in craniosynostosis, Furuya Y; Edwards MSB; Alpers CE; et al, (Radiology), 154: 851, 1985
- congenital coxa vara. a retrospective review, Weinstein JN; Kuo KN; Millar EA, (Radiology), 152: 852, 1984
- congenital vertical talus, Jacobsen ST; Crawford AH, (Radiology), 151: 264, 1984 congenital vertical talus: classification with 69 cases and new measurement system, Hamanishi C, (Radiology), **154**: 276, 1985
- contrast examination as a prognostic factor in the treatment of solitary bone cyst by cortisone injection, Capanna R; Albisinni U; Caroli GC; et al, (Radiology), 154: 854, 1985
- Caron GC; et al. (Radiology), 154: 504, 179. CT appearance of sacroiliac joint trauma in children, Donoghue V; Daneman A; Krajbich I; et al. (JCAT), 9: 352, 1985. CT measurements of cranial growth: microcephaly, Hahn FJ; Chu W-K; Torkelson RD, (AJNR), 5: 159, 1984.
- Currarino triad: complex of anorectal malformation, sacral bony abnormality, and presacral mass, Kirks DR; Merten DF; Filston HC; et al, (Radiology), 153: 852, 1984
- developmental disorders of the proximal epiphysis of the hallux, Lyritis G, (Radiology), **154**: 562, 1985
- (Radiology), 1943-962, 1949 diagnostic value of radionuclide technetium 99m-MDP skeletal survey in acute leukaemia, Paramsothy M; Peng LH; Samuel D, (Radiology), 154: 563, 1985 disc calcification in childhood: computed
- tomographic and magnetic resonance imaging appearances, McGregor JC; Butler P, (Br J Radiol), **59**: 180, 1986

- epidermoids and dermoids of the calvarium bones in early childhood: their behavior in the growing skull, Holthusen W; Lassrich MA; Steiner C, (Radiology), 151: 262, 1984
- evolution and histopathology of adolescent tibia vara, Wenger DR; Mickelson M; Maynard JA, (Radiology), **152**: 852, 1984
- fate of fat transplants in operations for partial closure of the growth plate: clinical examples and an experimental study, Langenskiold A; Videman T; Nevalainen T, (Radiology), 160: 858, 1986
- fibromatosis of bone in children, Capusten BM; Azouz EM; Rosman MA, (Radiology), 152: 693, 1984
- foci of chronic circumscribed osteomyelitis (Brodie's abscess) that traverse the epiphyseal plate, Bogoch E; Thompson G Salter RB, (Radiology), 153: 567, 1984
- growth retardation and renal osteodystrophy in children with chronic renal failure, Hodson EM; Shaw PF; Evans RA; et al, (Radiology), **152**: 555, 1984
- Hajdu-Cheney acro-osteolysis and calcified aneurysm of ligated patent ductus arteriosus, Blery M; Cerba D; Chagnon S, (Radiology), 152: 853, 1984
- head and neck manifestations of histiocytosis X, Smith RJH; Evans JNG, (Radiology), 154: 561, 1985
- hematogenous pelvic osteomyelitis in children. clinical correlates of newer methods, Farley T; Conway J; Shulman ST, (Radiology), 158: 575, 1986
- hip arthrography in infants and children: the inferomedial approach, Strife JL; Towbin RB; Crawford A, (Radiology), 152: 536, 1984
- hip disease in Hutchinson-Gilford progeria syndrome, Gamble JG, (Radiology), **155**: 552, 1985
- humeroradial synostosis, Jacobsen ST; Crawford AH, (Radiology), 150: 860, 1984
- idiopathic or primary windswept deformity: the etiological significance of the radiological findings, Oni OOA; Keswani H, (Radiology), 154: 276, 1985
- internal derangements of the temporomandibular joint: findings in the pediatric age group, Katzberg RW; Tallents RH; Hayakawa K; Miller TL; Goske MJ; Wood BP, (Radiology), 154: 125, 1085
- isotope scanning in the "irritable hip syndrome", Carty H; Maxted M; Fielding JA; et al, (Radiology), **154**: 562, 1985
- joint calcification following intraarticular corticosteroid therapy, Gilsanz V; Bernstein BH, (Radiology), **151**: 647, 1984
- juvenile kyphosis: ultrastructural study, Ippolito E; Bellocci M; Montanaro A; et al, (Radiology), **157**: 853, 1985
- left-right temporal region asymmetry in infants and children, Seidenwurm D; Bird CR; Enzmann DR; et al, (AJNR), 6: 777,
- macroepiphyseal dysplasia with symptomatic osteoporosis, wrinkled skin, and aged appearance: presumed autosomal recessive condition, McAlister WH; Coe JD; Whyte MP, (Skeletal Radiol), 15: 47, 1986
- metaphyseal cortical irregularities in children: a new prospective on a multi-focal growth variant, Keats TE; Joyce JM, (Radiology), 154: 854, 1985
- methotrexate osteopathy, Schwartz AM; Leonidas JC, (Radiology), 154: 562, 1985
- "missing" femoral condyle: unusual sequela to neonatal osteomyelitis and septic arthritis, Singson RD; Berdon WE; Feldman F; Denton JR; Abramson S; Baker DH, (Radiology), 161: 359, 1986
- nonskeletal malformations in one of three siblings with Jarcho-Levin syndrome of vertebral anomalies, Poor MA; Alberti L Jr; Griscom NT; et al, (Radiology), 151: 823,
- occult fracture of the calcaneus—another Toddler's fracture, Starshak RJ; Simons GW; Sty JR, (Radiology), 152: 852, 1984
- orbital tumors in children. characterization by computed tomography, Lallemand DP; Brasch RC; Char DH; Norman D, (Radiology), 151: 85, 1984
- ossification centers of the pediatric elbow: rare normal variant, Resnik CS; Hartenberg MA, (Pediatr Radiol), 16: 254, 1986

- osteofibrous dysplasia (ossifying fibroma of long bones). a study of 12 cases, Nakashima Y; Yamamuro T; Fujiwara Y; et al, (Radiology), 151: 263, 1984
- osteoid osteoma and osteoblastoma of the spine in children: report of 22 cases with brief literature review, Azouz EM; Kozlowski K; Marton D; et al, (Pediatr Radiol), 16: 25, 1986
- osteomyelitis in children: detection by magnetic resonance, Fletcher BD; Scoles PV; Nelson AD, (Radiology), **150**: 57, 1984
- pattern profile comparisons: differences and similarities, Poznanski AK; Gartman S, (Radiology), 153: 568, 1984
- persistent medial deviation of the neck of the talus: a common cause of in-toeing in children, Bleck EE; Minaire P, (Radiology), 150: 614, 1984
- prediction of adult height from height and bone age in childhood, Tanner JM; Landt KW; Cameron N; et al, (Radiology), 152: 853, 1984
- primary lesions of bone in the 1st decade of life: retrospective survey of biopsy results, Senac MO Jr; Isaacs H; Gwinn JL, (Radiology), 160: 491, 1986
- primary vertebral tumours in children. report of 20 cases with brief literature review Kozlowski K; Beluffi G; Masel J; et al, (Radiology), 153: 567, 1984
- progressive pseudorheumatoid arthritis of childhood (PPAC). a hereditary disorder simulating rheumatoid arthritis, Spranger J; Albert C; Schilling F; et al. (Radiology). 150: 860, 1984
- radiographic clues to fractures of the unossified medial humeral condyle in young children, Harrison RB; Keats TE; Frankel CJ; et al, (Radiology), 154: 562, 1985
- radiologic "lead band" revisited, Blickman JG; Wilkinson RH; Graef JW, (AJR), 146: 245,
- renal osteodystrophy in children undergoing continuous ambulatory peritoneal dialysis, Hewitt IK; Stefanidis C; Reilly BJ; et al, (Radiology), 152: 555, 1984
- review of spondylolisthesis and spondylolysis in pediatric practice, Oakley RH; Carty H, (Radiology), **155**: 855, 1985
- scintigraphic evaluation of extremity pain in children: its efficacy and pitfalls, Park H-M; Rothschild PA; Kernek CB, (AJR), 145: 1079,
- scoliosis due to rib osteoblastoma: report of two cases, Fabris D; Trainite G; Di Comun M; et al, (Radiology), **151**: 264, 1984
- significance of intraarticular fluid without visible fracture in children, Swischuk LE; Hayden CK Jr; Kupfer MC, (AJR), 142: 1261, 1984
- significance of the solitary lesion in pediatric bone scanning: concise communication, Brown ML, (Radiology), 150: 613, 1984
- skeletal lesions following meningococcemia and disseminated intravascular coagulation. a recognizable skeletal dystrophy, Robinow M; Johnson GF; Nanagas MT; et al, (Radiology), 151: 264, 1984
- (Nationgy), 317-204, 1704 SPONASTRIME dysplasia: familial short-limb dwarfism with saddle nose, spinal alterations and metaphyseal striation. report of 4 sibilings, Fanconi S; Issler C; Giedion A; et al, (Radiology), 151: 549, 1984
- transient fatty cortical defects following fractures in children, Malghem J; Maldague B, (Skeletal Radiol), 15: 368, 1986
- tumoral calcinosis, diaphysitis, and hyperphosphatemia, Clarke E; Swischuk LE; Hayden CK Jr, (Radiology), **151**: 643, 1984
- type IX Ehlers-Danlos syndrome: a new variant with pathognomonic radiographic features, Sartoris DJ; Luzzatti L; Weaver DD; Macfarlane JD; Hollister DW; Parker BR, (Radiology), 152: 665, 1984
- ultrasound of the painful hip in children, Peck RJ, (Br J Radiol), 59: 293, 1986
- unusual presentation of acute osteomyelitis in black children, Drummond-Webb JJ; Freedman A; Schnaid E, (Radiology), 151: 264, 1984
- validity of radiographic assessment of childhood transient synovitis of the hip, Rosenborg M; Mortensson W, (Acta Radiol [Diagn]), 27: 85, 1986

#### Chlamydia pneumonia

Chlamydia pneumonia

radiographic appearance, Edelman RR; Hann LE; Simon M, (Radiology), **152**: 279,

#### Chloroma

granulocytic sarcoma (chloroma): CT manifestations, Pomeranz SJ; Hawkins HH; Towbin RB; Lisberg WN; Clark RA, (Radiology), 155: 167, 1985

granulocytic sarcoma of the brain: case report and review of the literature, Barnett MJ; Zussman WV, (Radiology), 160: 223, 1986

intrarenal chloroma causing obstructive nephropathy: CT characteristics, Breatnach E; Stanley RJ; Carpenter JT Jr, (JCAT), 9: 822, 1985

#### Cholangiography

See Bile duct radiography

#### Cholangitis

cholangiocarcinoma complicating primary sclerosing cholangitis: cholangiographic appearances, MacCarty RL; LaRusso NF; May GR; Bender CE; Wiesner RH; King JE; Coffey RJ, (Radiology), 156: 43, 1985

cholangiocarcinoma complicating primary sclerosing cholangitis: cholangiographic appearances, Lumsden AB; Alspaugh JP, (Radiology), 158: 856, 1986

cholangiocarcinoma complicating primary sclerosing cholangitis: cholangiographic appearances: reply, MacCarty RL, (Radiology), 158: 856, 1986

cholangitis complicating intraarterial chemotherapy in liver metastasis, Botet JF; Watson RC; Kemeny N; Daly JM; Yeh S, (Radiology), 156: 335, 1985

(Nationegy), 190: 353, 1763 Everting balloon catheter in the biliary tree: technical note, Alspaugh JP; Martin LG; Chuang VP, (Cardiovasc Intervent Radiol), 9: 164, 1986

9: 104, 1940 iatrogenic sclerosing cholangitis following hepatic arterial chemotherapy infusion, Pien EH; Zeman RK; Benjamin SB; Barth KH; Jaffe MH; Choyke PL; Clark LR; Paushter DM, (Radiology), 156: 329, 1985

nonoperative dilatation of dominant strictures in primary sclerosing cholangitis, May GR; Bender CE; LaRusso NF; et al, (AJR), 145: 1061, 1985

nonoperative management of benign postoperative biliary strictures, Gallacher DJ. Kadir S, Kaufman SL, Mitchell SE, Kinnison ML, Chang R; Adams P, White RI Jr; Cameron JL, (Radiology), 156: 625, 1985

(Radiology), 156: 625, 1985
percutaneous biliary drainage in acute
suppurative cholangitis, Nunez D Jr.;
Guerra JJ Jr.; Al-Sheikh WA; et al,
(Gastrointest Radiol), 11: 85, 1986
primary sclerosing cholangitis associated with
angioimmunoblastic lymphadenopathy,
Bass NM; Chapman RW; O'Reilly A; et al,
(Radiology), 151: 545, 1984
radiological features of sclerosing cholangitis.

radiological features of sclerosing cholangitis, Doyle TCA; Roberts-Thomson IC, (Radiology), **154**: 554, 1985

radiologic intervention in oriental cholangiohepatitis, Kerlan RK Jr; Pogany AC; Goldberg HI; et al, (AJR), **145**: 809, 1985

sclerosing cholangitis associated with hepatic arterial FUDR chemotherapy: radiographic-histologic correlation, Shea WJ Jr; Demas BE; Goldberg HI; et al, (AJR), 146: 717, 1986

sclerosing cholangitis: cholescintigraphy with Tc-99m-labeled DISIDA, Ament AE; Bick RJ; Miraldi FD; Haaga JR; Wiedenmann SD, (Radiology), 151: 197, 1984

#### Cholecystitis

acute abdomen: computed tomography, Federle MP, (Radiographics), 5: 307, 1985

acute abdomen: plain radiographic evaluation, Johnson CD; Rice RP, (Radiographics), 5: 259, 1985

acute abdomen: radionuclide imaging, Freeman LM; Lutzker LG; Weissmann HS, (Radiographics), 5: 285, 1985 acute abdomen: ultrasonography, Leopold GR, (Radiographics), 5: 273, 1985

acute acalculous cholecystitis, Fox MS; Wilk PJ; Weissmann HS; et al, (Radiology), 154: 847,

acute acalculous cholecystitis: sensitivity in detection using technetium-99m iminodiacetic acid cholescintigraphy, Swayne LC, (Radiology), 160: 33, 1986

acute cholecystitis occurring as a complication of other diseases, Gately JF; Thomas EJ, (Radiology), **152**: 266, 1984

acute right upper quadrant abdominal pain: radionuclide approach, Fajman WA, (Radiology), 151: 561, 1984

cholecystitis: detection with MR imaging, McCarthy 5; Hricak H; Cohen M; Fisher MR; Winkler ML; Filly RA; Margulis AR, (Radiology), 158: 333, 1986

cholescintigraphy in acute cholecystitis: use of intravenous morphine, Choy D; Shi EC; McLean RG; Hoschi R; Murray IPC; Ham JM, (Radiology), 151: 203, 1984

chronic acalculous gallbladder disease: multiimaging evaluation with clinical-pathologic correlation, Raptopoulos V; Compton CC; Doherty P; et al, (AJR), 147: 721, 1986

computed tomography of emphysematous cholecystitis, McMillin K, (JCAT), 9: 330,

diagnostic cholescintigraphy, Wilcox DM; Preston DF; Martin NL, (Radiology), **153**: 861, 1984

diagnostic percutaneous aspiration of the gallbladder, McGahan JP; Walter JP, (Radiology), 155: 619, 1985

differentiation of complicated cholecystitis from gallbladder carcinoma by computed tomography, Smathers RL; Lee JKT; Heiken JP, (AJR), 143: 255, 1984

emphysematous cholecystitis: complication of hepatic artery embolization, Nakamura H; Kondoh H, (Cardiovasc Intervent Radiol), 9:

gallbladder bile in cholecystitis: in vitro MR evaluation, Loflin TG; Simeone JF; Mueller PR; Saini S; Stark DD; Butch RJ; Brady TJ; Ferrucci JT Jr, (Radiology), 157: 457, 1985

gallbladder dynamics induced by a fatty meal in normal subjects and patients with gallstones: concise communication, Bobba VR; Krishnamurthy GT; Kingston E; et al, (Radiology), 153: 574, 1984

Kingston E. et al. (Radiology), 1933-74, 190s gallbladder perforation: diagnostic utility of cholescintigraphy in suggested subacute or chronic cases, Smith R; Rosen JM; Alderson PO, (Radiology), 158: 63, 1986

"halo" sign on indium-111 leukocyte scan in gangrenous cholecystitis, Bauman JM; Boykin M; Hartshorne MF; et al, (Clin Nucl Med), 11: 136, 1986

hyperechoic foci in the gallbladder wall as a sign of microabscess formation or diverticula. Graif M; Horovitz A; Itzchak Y; Strauss S, (Radiology), 152: 781, 1984

influence of scan and pathologic criteria on the specificity of cholescintigraphy: concise communication, Freitas JE; Coleman RE; Nagle CE; et al, (Radiology), **152**: 870, 1984

low sensitivity of sonography and cholescintigraphy in acalculous cholecystitis, Shuman WP; Rogers JV; Rudd TG; et al. (AJR), **142**: 531, 1984

percutaneous cholecystolithotomy: preliminary experience, Kerlan RK Jr; LaBerge JM; Ring EJ, (Radiology), 157: 653, 1985

percutaneous cholecystostomy in acute Cholecystitis and common duct obstruction, Pearse DM; Hawkins IF Jr; Shaver R; Vogel S, (Radiology), 152: 365, 1984

pericholecystic hepatic activity in cholescintigraphy, Smith R; Rosen JM; Gallo LN; Alderson PO, (Radiology), **156**:

porcelain gallbladder: ultrasound and CT appearance, Kane RA; Jacobs R; Katz J; Costello P, (Radiology), **152**: 137, 1984

radionuclide hepatobiliary imaging and real-time ultrasound in the detection of acute cholecystitis, Shuman WP; Rudd TG; Rogers JV; Stevenson JK; Larson EB, (Radiology), 152: 238, 1984

radionuclide hepatobiliary imaging and real-time ultrasound in the detection of acute cholecystitis: reply, Samuels BI; Freitas JE; Bree RL; Schwab RE; Heller ST, (Radiology), 152: 238, 1984

real-time sonography in suspected acute cholecystitis: prospective evaluation of primary and secondary signs, Ralls PW; Colletti PM; Lapin SA; Chandrasoma P; Boswell WD Jr; Ngo C; Radin DR; Halls JM, (Radiology), 155: 767, 1985

rim sign: association with acute cholecystitis, Bushnell DL; Perlman SB; Wilson MA; et al, (J Nucl Med), **27**: 353, 1986

sonographic features of milk of calcium cholecystitis, Childress MH, (JCU), 14: 312,

ultrasonography in the diagnosis of acute cholecystitis, Kurol M; Forsberg L, (Radiology), **157**: 862, 1985

ultrasound-guided percutaneous transhepatic cholecystostomy for acute acalculous cholecystitis, Eggermont AM; Lameris JS; Jeekel J, (Radiology), 159: 570, 1986

Jeekel J, (Radiology), 159: 570, 1986 ultrasound in postoperative acalculous cholecystitis, Becker CD; Burckhardt B; Terrier F, (Gastrointest Radiol), 11: 47, 1986 upright tomographic oral cholecystography, Cockrell CH; Cho S-R, (Radiology), 151: 797, 1984

1984
use of water ingestion to distinguish the gallbladder and duodenum on cholescintigrams, Keller IA; Weissmann HS; Freeman LM. (Radiology), 152: 811, 1984 utility of indium-111-labeled leukocyte imaging in acute acal

xanthogranulomatous cholecystitis mimicking carcinoma of the gallbladder: CT findings, Duber C; Storkel S; Wagner P-K; et al. (JCAT), ^ 1195, 1984

# Cholecystography See Gallbladder, radiography

Cholecystokinin

# See Hormones

Cholecystosonography See Gallbladder, US studies

#### Cholecystostomy See Gallbladder, percutaneous drainage

Choledochoplasty

## See Bile ducts, surgery

Cholelithiasis See Gallbladder, calculi

Cholescintigraphy
See Gallbladder, radionuclide studies

#### Cholesteatoma

acute otomastoiditis and its complications: role of CT, Mafee MF; Singleton EL; Valvassori GE; Espinosa GA; Kumar A; Aimi K, (Radiology), 155: 391, 1985 cholesteatoma induced by stapedectomy, Eviatar A; Jamal H, (Radiology), 151: 269, 1984

cholesteatomas of the middle ear: diagnosis, etiology, and complications, Swartz JD, (Radiol Clin North Am), 22: 15, 1984

cholesterol granuloma of the petrous apex: CT diagnosis, Lo WWM; Solti-Bohman LG; Brackmann DE; Gruskin P, (Radiology), 153: 705, 1984

chronic otomastoiditis: conceptual understanding of CT findings, Mafee MF; Aimi K; Kahen HL: Valvassori GE; Capek V, (Radiology), **160**: 193, 1986

comparison of computed tomography and complex motion tomography in the evaluation of cholesteatoma, Shaffer KA, (AJNR), 5: 303, 1984

computed tomography of local complications of temporal bone cholesteatomas, Johnson DW; Hinshaw DB Jr; Hasso AN; et al, (JCAT), 9: 519, 1985

congenital cholesteatoma of the petrous pyramid, Horn KL; Shea JJ III; Brackmann DE, (Radiology), **160**: 860, 1986

congenital middle-ear deafness: CT study, Swartz JD; Glazer AU; Faerber EN; Capitanio MA; Popky GL, (Radiology), **159**: 187, 1986

epidermoidomas of the cerebellopontine angle and temporal bone: CT and MR aspects, Latack JT; Kartush JM; Kemink JL; Graham MD; Knake JE, (Radiology), 157:

high resolution CT scanning for detection of cholesteatoma and complications in the postoperative ear, Voorhees RL; Johnson DW; Lufkin RB; et al, (Radiology),

pars flaccida cholesteatoma as demonstrated by computed tomography, Swartz JD; Varghese S, (Radiology), 155: 555, 1985 pathologic features of keratosis obturans and cholesteatoma of the external auditory canal, Naiberg J; Berger G; Hawke M, (Radiology), 156: 568, 1985

post traumatic cholesteatoma of the external auditory canal, Brookes GB; Graham MD, (Radiology), 155: 281, 1985

(Radiology), 155: 281, 1985 temporal bone fractures and cholesteatoma, Freeman J, (Radiology), 152: 858, 1984 temporal bone region: high-resolution MR imaging using surface coils, Koenig H; Lenz M; Sauter R, (Radiology), 159: 191, 1986

Cholesterol

cholesterol granuloma of the facial skeleton, Lloyd GAS, (Br J Radiol), 59: 481, 1986 chyliform (cholesterol) pleural effusion, Hillerdal G, (Radiology), 158: 857, 1986 dissolution of cholesterol gallstones: comparison of solvents, Lee LL; McCahan JP, (Gastrointest Radiol), 11: 169,

giant cholesterol cysts of the petrous apex: radiologic features, Latack JT; Graham MD; Kemink JL; et al, (AJNR), 6: 409, 1985

Kemink JL, et al. (AJNN), 5: 409, 1995 sonographic image of cholesterolosis of the gall bladder, Lammer J; Kann U; Steiner H, (Radiology), 153: 572, 1984 sonography of cholesterol in the biliary system, Cover KL; Slasky BS; Skolnick ML, (J Ultrasound Med), 4: 647, 1985

Chondroblastoma See Chondroma

Chondrocalcinosis

localized chondrocalcinosis in traumatized joints, de Lange EE; Keats TE, (Radiology), 159: 573, 1986

159: 573, 1986 syndesmo-odontoid joint and calcium pyrophosphate dihydrate deposition disease (CPPD), Dirheimer Y; Bensimon C; Christmann D; et al, (Radiology), 152: 260,

1994
vertebral involvement in calcium
pyrophosphate dihydrate crystal deposition
disease: radiographic-pathological
correlation, Resnick D; Pineda C,
(Radiology), 153: 55, 1984

Chondroma

bone erosion in synovial chondromatosis, Norman A; Steiner GC, (Radiology), **161**: 749, 1986

case report 354, Lagier R, (Skeletal Radiol), 15: 179, 1986

case report 373, Sotelo-Avila C; Sundaram M; Kyriakos M; et al, (Skeletal Radiol), 15: 387, 1986

case report 382, Ohno T; Kadoya H; Park P; et al, (Skeletal Radiol), 15: 478, 1986 chondroblastoma, Springfield DS; Capanna R; Gherlinzoni F; et al, (Radiology), 157: 566,

chondroblastoma: clinical and radiological study of 104 cases, Bloom JL; Mulder JD, (Radiology), 157: 851, 1965 chondroblastoma of temporal bone, Tanohata K; Noda M; Katoh H; et al, (Neuroradiol), 28: 367, 1986

extremity bone tumors: evaluation by P-31 MR spectroscopy, Nidecker AC; Muller 5; Aue WP; Seelig J; Fridrich R; Remagen W; Hartweg H; Benz UF, (Radiology), 157: 167,

1985
general case of the day: annual meeting, 1985,
Muhm JR, (Radiographics), 6: 914, 1986
metastatic chondroblastoma: report of a fatal
case with a review of the literature on
atypical, aggressive, and malignant
chondroblastoma, Kyriakos M; Land VJ;
Penning HL; et al, (Radiology), 157: 570,
1985

soft-tissue chondromas, Zlatkin MB; Lander PH; Begin LR; et al, (AJR), 144: 1263,

synovial chondromatosis of the hip joint presenting as a pathological fracture, Szypryt P; Twining P; Preston BJ; et al., (Br J Radiol), 59: 399, 1986 synovial chondromatosis of the

temporomandibular joint: report of three cases and a review of the literature, Blankestijn J; Panders AK; Vermey A; et al, (Radiology), 156: 268, 1985

Chondropathy

arthrography and the medial compartment of the patello-femoral joint, Thijn CJP; Hillen B, (Radiology), **154**: 557, 1985

Chondrosarcoma See Sarcoma

Chordae tendineae

left ventricular false tendons in children: prevalence as detected by 2-dimensional echocardiography and clinical significance, Perry LW; Ruckman RN; Shapiro SR; et al, (Radiology), 152: 850, 1984 prevalence of ruptured chordae tendineae in the mitral valve prolapse syndrome, Grenadier E; Alpan G; Keidar S; et al, (Radiology), **150**: 615, 1984

case report 357, Abdelwahab IF; O'Leary PF; Steiner GC; et al, (Skeletal Radiol), 15: 242, 1986

chordoma: report on treatment results in eighteen cases, Lybeert MLM; Meerwaldt IH. (Acta Radiol [Oncol]), 25: 41. 1986

chordoma: results of treatment, Chetiyawardana AT, (Radiology), **153:** 575, 1984

chordoma: role of radiation therapy, Amendola BE; Amendola MA; Oliver E; McClatchey KD, (Radiology), **158**: 839, 1986

McClatchey KD, (Radiology), 158: 539, 1980 chordomas: their CT appearance in the cervical, thoracic and lumbar spine, Meyer JE; Lepke RA; Lindfors KK; Pagani JJ; Hirschy JC; Hayman LA; Momose KJ; McGinnis B, (Radiology), 153: 693, 1984 computed tomography of spinal chordomas, Firoznia H; Golimbu C; Rafii M; et al, (CT),

10: 45, 1986

cranial chordomas in children and young adults, Wold LE; Laws ER Jr, (Radiology), 152: 848, 1984

CT appearance of clival chordomas, Meyer JE; Oot RF; Lindfors KK, (JCAT), 10: 34, 1986 sacrococygeal chordoma: magnetic resonance imaging and computed tomography. Rosenthal DI; Scott JA; Mankin HJ; et al, (AJR), 145: 143, 1985

Chorioangioma

See Placenta, neoplasms

Choriocarcinoma

central nervous system metastases of choriocarcinoma, Athanassiou AA; Begent RHJ; Newlands ES; et al, (Radiology), **152**: 557, 1984

Choroid See Eve

Choroid plexus CT and MR of angiomatous malformations of the choroid plexus in patients with Sturge-Weber disease, Stimac GK; Solomon MA; Newton TH, (AJNR), 7: 623, 1986

Choroid plexus, neoplasms

choroid plexus carcinoma: report of a case with positron emission tomographic study, Itoh Y; Kowada M; Mineura K, (Neuroradiol), 28: 374, 1986

choroid plexus metastasis: CT appearance, Kart BH; Reddy SC; Rao GR; et al, (JCAT), 10: 537, 1986

intraventricular mass lesions, Morrison G; Sobel DF; Kelley WM; Norman D, (Radiology), 153: 435, 1984 xanthogranuloma of the choroid plexus, Pear BL, (AJR), 143: 401, 1984

Choroid plexus, US studies

cysts of the choroid plexus in neonates: documentation and review of the literature, Fakhry J; Schechter A; Tenner MS; et al, (J Ultrasound Med), 4: 561, 1985

normal and pathologic choroid plexus ultrasound, Veyrac C; Couture A, (Radiology), **158**: 282, 1986

Chromosomes

See also Bones, chromosomal aberrations lack of discernible effect of diagnostic ultrasound on the chromosomes of cord blood lymphocytes exposed *in utero*, Henderson LM; Aghamohammadi SZ; Arlett CF; et al. (Br J Radiol), **59**: 499, 1986

Chromosomes, abnormalities

antenatal sonographic findings in trisomy 18, Bundy AL; Saltzman DH; Pober B; et al, (J Ultrasound Med), 5: 361, 1986

antenatal ultrasound findings in fetal triploidy syndrome, Crane JP; Beaver HA; Cheung SW, (J Ultrasound Med), 4: 519,

genetics of sonographically detected intrauterine fetal cystic hygromas, Newman DE; Cooperberg PL, (Radiology),

importance of karyotype determination in a fetus with ventriculomegaly and spina bifida discovered during the third trimester, Chervenak FA; Goldberg JD; Chiu T-H; et al, (J Ultrasound Med), 5: 405, 1986

prenatal sonographic diagnosis of triploidy, Edwards MT; Smith WL; Hanson J; et al, (J Ultrasound Med), 5: 279, 1986

small carpal bone surface area: characteristic of Turner's syndrome, Cleveland RH; Done S; Correia JA; et al, (Radiology), 156: 566, 1985 Turner's syndrome, Verco PW; Barbary J; Enthoven C, (Australas Radiol), 30: 74, 1986

ultrasonographic features of the fetal Turner syndrome, Brown BSJ; Thompson DL, (Radiology), **153**: 860, 1984

ultrasonography of Turner's syndrome, Shawker TH; Garra BS; Loriaux DL; et al, (J Ultrasound Med), 5: 125, 1986

Chylothorax

spontaneous chylothorax in newborns, Van Aerde J; Campbell AN; Smyth JA; et al, (Radiology), **156**: 858, 1985

Cimetidine

antacids and cimetidine treatment for gastroesophageal reflux and peptic esophagitis, Cucchiara S; Staino A; Romaniello G; et al, (Radiology), 155: 551,

radiographic response to cimetidine in patients with basal gastric acid hypersecretion, Smith HJ, (AJR), 142: 115, 1984

Cirrhosis

See Liver, cirrhosis

Cisterna magna

fetal cisterna magna, Mahony BS; Callen PW; Filly RA; Hoddick WK, (Radiology), **153**: 773, 1984

Cisternography

cerebellopontine angle and internal auditory canal: neurovascular anatomy on gas CT cisternograms, Bird CR; Hasso AN; Drayre BP; Hinshaw DB Jr; Thompson JR, (Radiology), 154: 667, 1985

(Radiology), 154: 667, 1985 empty sella: air-enhanced CT, Al-Mefty O; Fox JL; Reese MS, (Radiology), 155: 253, 1985 MR cisternography and myelography with Gd-DTPA in monkeys, Di Chiro G; Knop RH; Girton ME; Dwyer AJ; Doppman JL; Patronas NJ; Gansow OA; Brechbiel MW; Brooks RA, (Radiology), 157: 373, 1985

results of metrizamide CT cisternography: 37 cases of fracture of the base of the skull (anterior and/or middle fossae), Cellerier P; Georget AM; Irthum B; et al, (Radiology), 152: 856, 1984

Cisternography, CT

air cisternography of the cerebellopontine angle using high-resolution computed tomography, Johnson DW, (Radiology), 151: 401, 1984

computed tomography with gas cisternography for detection of small acoustic tumors. a study of five false-positive results, Barrs DM; Luxford WM; Becker TS; et al, (Radiology), 155: 555, 1985

gas CT cisternography of an intracanalicular vascular malformation, Bird CR; Drayer BP; Yeates AE, (AJNR), 6: 969, 1985

Cisternography, radionuclide

isotope cisternography in patients with intracranial hypertension, Hayashi M; Kobayashi H; Kawano H; et al, (J Nucl Med), 27: 471, 1986

tadionuclide cisternography and computed tomography in 30 healthy volunteers, Bergstrand G; Oxenstierna G; Flyckt L; et al, (Neuroradiol), 28: 154, 1986

Cisternography, technology

cerebrospinal fluid rhinorrhea: depiction with MR cisternography in dogs, Di Chiro G; Girton ME; Frank JA; Dietz MJ; Gansow OA; Wright DC; Dwyer AJ, (Radiology), 160: 221,

costoclavicular joint, Redlund-Johnell I, (Skeletal Radiol), **15**: 25, 1986

inflammatory hyperostosis and sclerosis of the clavicle, Jurik AG; Moller BN, (Skeletal Radiol), 15: 284, 1986

lytic clavicular lesions in fibromatosis colli, Sartoris DJ; Mochizuki RM; Parker BR, (Radiology), 153: 269, 1984

radionuclide and radiographic diagnosis of sternocostoclavicular hyperostosis, Rosenthall L; Burke DL, (Clin Nucl Med), 11: 322, 1986

sclerotic changes of the sternal end of the clavicle, Jurik AG; De Carvalho A; Graudal H, (Radiology), **156**: 565, 1985

sternocostoclavicular hyperostosis: review and report of 11 cases, Sartoris DJ; Schreiman JS; Kerr R; Resnik CS; Resnick D, (Radiology), 158: 125, 1986

stress-induced osteolysis of the clavicle, Kaplan PA; Resnick D, (Radiology), **158**: 139, 1986

systemic disorders affecting the thoracic cage, Subbarao K; Jacobson HG, (Radiol Clin North Am), 22: 497, 1984

type IX Ehlers-Danlos syndrome: a new variant with pathognomonic radiographic features, Sartoris DJ; Luzzatti L; Weaver DD; Macfarlane JD; Hollister DW; Parker BR, (Radiology), 152: 665, 1984

#### Cobalt, radioactive

electron contamination of large cobalt 60 photon beams, Sutcliffe JF; Innes GS, (Radiology), 151: 838, 1984

tissue-air ratios for cobalt 60 therapy units, Vatnitskij SM; Aalto PK; Rannikko SJ, (Radiology), **151**: 837, 1984

### Coccidioidomycosis

occidioidomycosis acute respiratory failure caused by primary pulmonary coccidioidomycosis. two case reports and a review of the literature, Larsen RA; Jacobson JA; Morris AH; et al, (Radiology), 157: 278, 1985

radiographic findings of pulmonary coccidioidomycosis in neonates and infants, Child DD; Newell JD; Bjelland JC; et al, (AJR), 145: 261, 1985

Cockayne syndrome
See Bones, osteochondrodysplasias

#### Colitis

aphthous ulceration in diversion colitis. clinical implications, Lusk LB; Reichen J; Levine JS, (Radiology), 156: 855, 1985

colitis cystica profunda: presenting with complete intestinal obstruction and

complete intestinal obstruction and recurrence, Bentley E; Chandrasoma P; Cohen H; et al, (Radiology), 160: 284, 1986 colonic spasm: a possible mechanism for thumbprinting, Damuth HD Jr; Greenbaum El, (Radiology), 155: 548, 1985

cytomegalovirus colitis in acquired immune deficiency syndrome: radiologic spectrum, Frager DH; Frager JD; Wolf EL; et al, (Gastrointest Radiol), 11: 241, 1986

cytomegalovirus colitis in AIDS: radiographic findings in 11 patients, Balthazar EJ; Megibow AJ; Fazzini E; Opulencia JF; Engel I, (Radiology), 155: 585, 1985

diversion colitis demonstrated by doublecontrast barium enema, Scott RL; Pinstein ML, (AJR), 143: 767, 1984

echogenic intravascular and hepatic microbubbles associated with necrotizing enterocolitis, Malin SW; Bhutani VK; Ritchie WW; et al, (Radiology), 152: 255,

enterocolitis: prodrome of the hemolytic-uremic syndrome, Kawanami T; Bowen A III; Girdany BR, (Radiology), 151: 91, 1984 enterocyst formation: late complication of neonatal necrotizing enterocolitis, Ball TI; Wyly JB, (AJR), 147: 806, 1986

left ventricular outflow obstruction and necrotizing enterocolitis, Allen HA; Haney PJ, (Radiology), 150: 401, 1984

per anal balloon dilatation of a post-necrotizing enterocolitis stricture of the sigmoid colon, Renfrew DL; Smith WL; Pringle KC, (Pediatr Radiol), 16: 320, 1986

persistent loop sign in neonatal necrotizing enterocolitis: new cause, Weinstein MM, (Pediatr Radiol), 16: 71, 1986

sonographic detection of portal venous gas in infants with necrotizing enterocolitis, Merritt CRB; Goldsmith JP; Sharp MJ, (AJR), 143: 1059, 1984

#### Colitis, granulomatous

CT findings in ulcerative, granulomatous, and indeterminate colitis, Gore RM; Marn CS; Kirby DF; et al, (AJR), 143: 279, 1984

Solitary colonic polyp: radiologic-histologic differentiation and significance, Olmsted WW; Ros PR; Sobin LH; Dachman AH, (Radiology), 160: 9, 1986 ulcerative and granulomatous colitis in

children: comparison of double- and single-contrast studies, Winthrop JD; Balfe DM; Shackelford GD; McAlister WH; Rosenblum JL; Siegel MJ, (Radiology), 154: 657, 1985

#### Colitis, ischemic

inferior mesenteric arteriovenous fistula associated with portal hypertension and acute ischemic colitis, successful occlusion by intraarterial embolization with steel coils, Capron J-P; Geneston J-L; Remond A; et al, (Radiology), **154**: 272, 1985 ischemic colitis: serial changes in double-contrast barium enema examination, Iida M; Matsui T; Fuchigami T; Iwashita A; Yao T; Fujishima M, (Radiology), **159**: 337, 1986

#### Colitis, pseudomembranous

sonographic appearance of pseudomembranous colitis, Bolondi L; Ferrentino M; Trevisani F; et al, (J Ultrasound Med), 4: 489, 1985

#### Colitis, ulcerative

CT findings in ulcerative, granulomatous, and indeterminate colitis, Gore RM; Marn CS; Kirby DF; et al. (AJR), 143: 279, 1984

dysplasia to carcinoma transformation in ulcerative colitis, Stevenson GW; Goodacre R; Jackson R; et al, (AJR), 143: 108, 1984

ileoanal J pouch: radiographic evaluation, Hillard AE; Mann FA; Becker JM; Nelson JA, (Radiology), **155**: 591, 1985

intraarterial prednisolone infusion therapy in ulcerative colitis, Momoshima S; Kohda E; Hiramatsu K; et al, (AJR), **145**: 1057, 1985

radiographic appearance of the endorectal pull-through, Bank ER; White SJ; Coran AG, (Pediatr Radiol), 16: 216, 1986

solitary colonic polyp: radiologic-histologic differentiation and significance, Olmsted WW; Ros PR; Sobin LH; Dachman AH, (Radiology), **160**: 9, 1986

ulcerative and granulomatous colitis in children: comparison of double- and single-contrast studies, Winthrop JD; Balfe DM; Shackelford GD; McAlister WH; Rosenblum JL; Siegel MJ, (Radiology), 154: 657, 1985

#### Collagen

hepatic cirrhosis: magnetic resonance imaging, Goldberg HJ, Moss AA, Stark DD; McKerrow J; Engelstad B; Brito AC, (Radiology), 153: 737, 1984

#### Colon

See also Gastrointestinal tract; Intestines

colonic myoelectric activity in persons with spinal cord injury, Aaronson MJ; Freed MM; Burakoff R, (Radiology), 157: 280, 1985

comparative efficacy of colon-cleansing methods: standard preparation vs. colimmac lavage, Hawes RH; Lehman GA; Brunelle RL; et al, (AJR), 142: 309, 1984

microcolon of prematurity: form of functional obstruction, Amodio JB; Berdon WE; Abramson SJ; et al, (AJR), **146**: 239, 1986

#### Colon, abnormalities

complications of colonic interposition, Larson TC III; Shuman LS; Libshitz HI; et al, (Radiology), **158**: 567, 1986

double termination of the alimentary tract in females: a report of 12 cases and a literature review, Tsuchida Y; Saito S; Honna T; et al, (Radiology), 154: 561, 1985

neonatal small left colon in an infant with cystic fibrosis, Ellerbroek C; Smith WL, (Pediatr Radiol), 16: 162, 1986

#### Colon, aganglionosis

adult Hirschprung disease: radiographic findings, Mindelzun RE; Hicks SM, (Radiology), **160**: 623, 1986

CT findings in rectal cuff abscess following surgery for Hirschsprung disease, Donaldson JS; Gilsanz V, (JCAT), 10: 151,

early diagnosis and treatment of Hirschsprung's disease in New Mexico, Kosloske AM; Goldthorn JF, (Radiology), 153: 851, 1984

Hirschsprung disease: accuracy of the barium enema examination, Rosenfield NS; Ablow RC; Markowitz RI; DiPietro M; Seashore JH; Touloukian RJ; Cicchetti DV, (Radiology), 150: 393, 1984

Hirschsprung's disease and asymptomatic malrotation: rare association, Tamburrini O; Bartolomeo-De Iuri A; Palescandolo P; et al, (Pediatr Radiol), 16: 250, 1986

Hirschsprung's disease in the newborn, Klein MD; Coran AG; Wesley JR; et al, (Radiology), 155: 855, 1985

prenatal sonographic diagnosis of Hirschsprung's disease, Vermesh M; Mayden KL; Confino E; et al, (J Ultrasound Med), 5: 37, 1986

radiological findings in total aganglionosis coli, DeCampo JF; Mayne V; Boldt DW; et al, (Radiology), 153: 851, 1984

total colonic aganglionosis initially diagnosed in an adolescent, Lefebvre MP; Leape LL; Pohl DA; et al, (Radiology), **156**: 858, 1985

#### Colon, anatomy

positional relations of colon and kidney determined by perirenal fat, Hadar H; Gadoth N, (AJR), 143: 773, 1984

posterior hepatodiaphragmatic interposition of the colon: ultrasonographic and computed tomographic appearance, Auh YH; Pardes JG; Chung KB; et al, (J Ultrasound Med), 4: 113, 1985

retrorenal colon on computed tomography: normal variant, Sherman JL; Hopper KD; Greene AJ; et al, (JCAT), 9: 339, 1985

#### Colon, biopsy

clinical application of in vitro studies for barium-enema examination following colorectal biopsy, Harned RK; Williams SM; Maglinte DDT; Hayes JM; Paustian FF; Consigny PM, (Radiology), 154: 319, 1985

#### Colon, CT

colorectal carcinoma evaluation with CT: preoperative staging and detection of postoperative staging and detection of postoperative recurrence. Freeny PC; Marks WM; Ryan JA; Bolen JW, (Radiology), 158: 347, 1986

computed tomographic air enema technique to demonstrate colonic neoplasms, Solomon A; Michowitz M; Papo J; et al, (Gastrointest Radiol), 11: 194, 1986

computed tomography in the evaluation of diverticulitis, Hulnick DH; Megibow AJ; Balthazar EJ; Naidich DP; Bosniak MA, (Radiology), **152**: 491, 1984

computed tomography of adult colonic intussusception: clinical and experimental studies, Iko BO; Teal JS; Siram SM; et al, (AJR), 143: 769, 1984

Gastrografin versus dilute barium for colonic CT examination: blind, randomized study, Mitchell DG; Bjorgvinsson E; terMeulen D; et al, (JCAT), 9: 451, 1985

percutaneous cecostomy for decompression of the massively distended cecum, Casola G; Withers C; vanSonnenberg E; Herba MJ; Saba RM; Brown RA, (Radiology), 158: 793,

retrorenal colon on computed tomography: normal variant, Sherman JL; Hopper KD; Greene AJ; et al, (JCAT), 9: 339, 1985

#### Colon, dilatation

diabetic megacolon—a rare late complication, Heer M; Pirovino M; Buhler H; et al, (Radiology), **150**: 611, 1984

(Nationogy), 190: 611, 1964 non-obstructive colonic dilation: radiologic findings in 50 patients following colonoscopic treatment, Shirazi KK; Agha FP, Strodel WE; et al, (Radiology), 155: 271, 1985

per anal balloon dilatation of a post-necrotizing enterocolitis stricture of the sigmoid colon, Renfrew DL; Smith WL; Pringle KC, (Pediatr Radiol), 16: 320, 1986

percutaneous eccostomy for decompression of the massively distended cecum, Casola G; Withers C; vanSonnenberg E; Herba MJ; Saba RM; Brown RA, (Radiology), 158: 793,

radiologic evaluation of gross cecal distension: emphasis on cecal ileus, Johnson CD; Rice RP; Kelvin FM; et al, (AJR), 145: 1211,

toxic megacolon associated with methotrexate therapy, Atherton LD; Leib ES; Kaye MD, (Radiology), **156**: 562, 1985

#### Colon, diseases

adult Hirschprung disease: radiographic findings, Mindelzun RE; Hicks SM, (Radiology), **160**: 623, 1986

#### Colon, diverticula

computed tomography in the evaluation of diverticulitis, Hulnick DH; Megibow AJ; Balthazar EJ; Naidich DP; Bosniak MA, (Radiology), 152: 491, 1984

radiologic recognition of colonic diverticula simulating polyps, Keller CE; Halpert RD; Feczko PJ; et al, (AJR), 143: 93, 1984

relation between pelvic phleboliths and diverticular disease of the colon, Hunter TB; Merkley R; Pitt MJ, (AJR), 143: 105, 1984

sonography of colonic diverticulitis, Parulekar SG, (J Ultrasound Med), 4: 659, 1985

Colon, gas
Ogilvie's syndrome developing after ethanol
ablation of renal cell carcinoma,
Terhune DW; Petrochko N Jr; Jordan GH; et al, (Radiology), 157: 280, 1985

Jordan CH; et al, (Radiology), 157: 280, 1985
Colon, hemorrhage
angiodysplasia. clinical presentation and
colonoscopic diagnosis, Richter JM;
Hedberg SE; Athanasoulis CA; et al,
(Radiology), 154: 555, 1985
angiodysplasia of the colon. a review of 17
cases, Smith GF; Ellyson JH; Parks SN; et al,
(Radiology), 154: 271, 1985

(Radiology), 1949; 271, 1989 cecal angiodysplasia localized by <sup>99m</sup>technetium blood-pool scintigraphy and specimen venography, Vyberg M; Miskowiak J; Nielsen SL; et al., (Cardiovasc Intervent Radiol), 9: 28, 1986

haematoma in the transverse mesocolon

rachatoma in the transverse mesocolon secondary to acute pancrealitis. Epstein BM; Tanne D, (Radiology), 150: 296, 1984 transcatheter control of postpolypectomy hemorrhage, Sanchez FW; Rogers JM; Vujic I; et al, (Gastrointest Radiol), 11: 254, 1986.

#### Colon, infection

mucormycoma of the colon: early diagnosis and successful management, Agha FP; Lee HH; Boland CR; et al, (AJR), 145: 739,

radiographic findings in severe rotavirus-induced colitis, Fernbach SK; Lloyd-Still JD, (Radiology), 155: 551, 1985

retractile mesenteritis of the sigmoid colon, Thompson GT; Fitzgerald EF; Somers SS, (Radiology), 157: 565, 1985

#### Colon, inflammation See Colitis

Colon, ischemia

simulation of colonic carcinoma by ischemia, Brandt LJ; Katz HJ; Wolf EL; et al, (Radiology), 158: 568, 1986

Colon, mucosa

coiled-spring sign of the cecum in acute appendicitis, Demos TC; Flisak ME, (AJR), 146: 45, 1986

Colon, neoplasms

carpet lesions of the colon, Rubesin SE; Saul SH: Laufer I: Levine MS. (Radiographics), 5: 537, 1985

colon carcinoma metastatic to the thyroid gland, Lester JW Jr; Carter MP; Berens SV; et al, (Clin Nucl Med), 11: 634,

colonic polyp patterns in familial polyposis, Bartram CI; Thornton A, (AJR), 142: 305,

colon polyps and carcinomas: prospective comparison of the single- and double-contrast examination in the same patients, de Roos A; Hermans J; Shaw PC; Kroon HM, (Radiology), 154: 11, 1985

colorectal carcinoma evaluation with CT: preoperative staging and detection of postoperative recurrence, Freeny PC; Marks WM; Ryan JA; Bolen JW, (Radiology), 158: 347 1986

computed tomographic air enema technique to demonstrate colonic neoplasms, Solomon A; Michowitz M; Papo J; et al, (Gastrointest Radiol), 11: 194, 1986

diffuse lymphoid follicles of the colon associated with colonic carcinoma, Bronen RA; Glick SN; Teplick SK, (AJR), 142: 105, 1984

distribution of colonic polyps: increased incidence of proximal lesions in older patients, Bernstein MA; Feczko PJ; Halpert RD; Simms SM; Ackerman LV, (Radiology), 155: 35, 1985

dysplasia to carcinoma transformation in ulcerative colitis, Stevenson GW; Goodacre R; Jackson R; et al, (AJR), 143: 108,

evolution of colorectal carcinoma, Morson BC, (Radiology), 156: 266, 1985

(Radiology), 308-200, 1909 false-positive leukocyte imaging: case of colon carcinoma, Bauman JM; Hartshorne MF; Cawthon MA; et al, (Clin Nucl Med), 11: 211, 1986

false positive localisation of indium-111 granulocytes in colonic carcinoma, Saverymutu SH; Maltby P; Batman P; et al, (Br J Radiol), 59: 773, 1986

ileoanal J pouch: radiographic evaluation, Hillard AE; Mann FA; Becker JM; Nelson JA, (Radiology), **155**: 591, 1985

intraluminal meniscoid ulcer in the colon: unusual sign of malignancy, Siskind BN; Burrell MI, (Gastrointest Radiol), 11: 251,

late ovarian metastases in carcinoma of the colon and rectum, Morrow M; Enker WE, (Radiology), 156: 267, 1985

(matastagy), 100: 207 localization of 99mTc-HMDP in hepatic metastases from colonic carcinoma, Shih W-J; Domstad PA; Lieber A; et al, (AJR), 146: 333, 1986

local recurrence after sphincter-saving resection for rectal and rectosigmoid carcinoma: value of various diagnostic methods, Grabbe E; Winkler R, (Radiology), 155: 305, 1985

man who hated hospitals, Morewood DJW, Lamb GHR, (Br J Radiol), 59: 793, 1986

omental cakes: colonic involvement by omental metastases, Rubesin SE; Levine MS, (Radiology), **154**: 593, 1985

peripheral low-density area of hepatic tumors: CT-pathologic correlation, Muramatsu Y; Takayasu K; Moriyama N; Shima Y; Goto H; Ushio K; Yamada T; Hasegawa H; Koyama Y Hirohashi S, (Radiology), 160: 49, 1986

polypoid lesions of the sigmoid colon: a comparison of single-contrast, double-contrast, and biphasic examination, de Roos A; Hermans J; Op den Orth JO, (Radiology), 151: 597, 1984

presacral masses after abdominoperineal resection for colorectal carcinoma: need for needle biopsy, Butch RJ; Wittenberg J; Mueller PR; et al, (AJR), 144: 309, 1985

primary lymphoma of the ascending colon: sonographic demonstration, Parker LA; Vincent LM; Ryan FP; et al, (JCU), 14: 221,

radiographic appearance of the endorectal pull-through, Bank ER; White SJ; Coran AG, (Pediatr Radiol), **16**: 216, 1986

radiologic features of multinodular lymphoma of the colon, Williams SM; Berk RN Harned RK, (AJR), 143: 87, 1984

radiologic recognition of colonic diverticula simulating polyps, Keller CE; Halpert RD; Feczko PJ; et al, (AJR), 143: 93, 1984

rate of growth of intraabdominal metastase from colorectal cancer, Havelaar IJ; Sugarbaker PH; Vermess M; et al, (Radiology), 154: 859, 1985

reassessing the role of radiology in Hemoccult screening, Feczko PJ; Halpert RD, (AJR), 146: 697, 1986

sensitivity of double-contrast barium study for left-colon polyps, Rex DK; Lehman GA; Lappas JC; Miller RE, (Radiology), 158: 69, 1986

single-contrast vs double-contrast barium enema in the detection of colonic polyps, Ott DJ; Chen YM; Gelfand DW; et al, (AJR), 146: 993, 1986

small colonic polyps: a reappraisal of their significance, Feczko PJ; Bernstein MA; Halpert RD; Ackerman LV, (Radiology), 152: 301, 1984

solitary colonic polyp: radiologic-histologic differentiation and significance, Olmsted WW; Ros PR; Sobin LH; Dachman AH, (Radiology), 160: 9, 1986

turcot syndrome: a case with spinal cord and colonic neoplasms, Radin DR; Fortgang KC; Zee C-S; et al, (AJR), 142: 475, 1984

umbilicated adenomas in familial polyposis coli: radiologic and histologic correlation (case report), Smith HJ; Lee EL, (AJR), 147: 61, 1986

unusual appearance of brain metastasis from adenocarcinoma of colon. Ruelle A: Macchia G; Gambini C; et al, (Neuroradiol), 28: 375, 1986

unusual presentation of carcinoma of the colon in a child, Heydenrych JJ; Warren B, (Radiology), **154**: 276, 1985

vasoconstrictive effects of prostaglandin F2 alpha angiography on colonic lesions, Yusas Y; Kohda E; Ido K; Kodera K; Narimatsu Y; Isobe Y; Hiramatsu K, (Radiology), 151: 305, 1984

visualization of metastases from colon carcinoma using an iodine-131-radiolabeled monoclonal antibody, Leyden MJ; Thompson CH; Lichtenstein M; et al, (Radiology), 161: 282, 1986

#### Colon, obstruction

See Colon, stenosis

Colon, perforation

colonic perforation in renal transplant patients, Puglisi BS; Kauffman HM; Stewart ET; et al, (AJR), 145: 555, 1985

colon perforation following percutaneous nephrostomy and renal calculus removal, LeRoy AJ; Williams HJ Jr; Bender CE; Segura JW; Patterson DE; Benson RC, (Radiology), 155: 83, 1985

#### Colon, polyps

See Colon, neoplasms

Colon, radiography

barium enema scout film: cost effectiveness and clinical efficacy, Schwab FJ; Glick SN; Teplick SK; Adler LP, (Radiology), 160: 619, 1986

colon polyps and carcinomas: prospective comparison of the single- and double-contrast examination in the same patients, de Roos A; Hermans J; Shaw PC; Kroon HM, (Radiology), 154: 11, 1985

early rectal tube removal for improved patient enema examination, Maglinte DDT; Miller RE; Chernish SM; Lappas JC, (Radiology), 155: 525, 1985

ischemic colitis: serial changes in double-Isonemic colliss: serial changes in double-contrast barium enema examination, Iida M; Matsui T; Fuchigami T; Iwashita A; Yao T; Fujishima M, (Radiology), 159: 337, 1986 mesourachus and colon obstruction, Dammert W; Currarino G, (Radiology), 151: 263. 1984.

polypoid lesions of the sigmoid colon: a comparison of single-contrast, double-contrast, and biphasic examination, de Roos A; Hermans J; Op den Orth JO, (Radiology), **151**: 597, 1984

(Radiology, John Viralian Stationary, 1984) Miller RE; Skucas J, Reviewed by Olmsted WW, (Radiology), 151: 310, 1984

salvaging the failed pneumocolon: a simple maneuver, Maglinte DDT; Miller RE, (AJR), 142: 719, 1984

simultaneous endoscopic and radiologic examination of the colon, Rabast U, (Gastrointest Radiol), 11: 247, 1986

small colonic polyps: a reappraisal of their significance, Feczko PJ; Bernstein MA; Halpert RD; Ackerman LV, (Radiology), 152: 301, 1984

#### Colon, radionuclide studies

oton, radionucine studies cecal angiodysplasia localized by <sup>99m</sup>technetium blood-pool scintigraphy and specimen venography, Vyberg M; Miskowiak J; Nielsen SL; et al, (Cardiovasc Intervent Radiol), 9: 28, 1986

### Colon, stenosis

acute pseudo-obstruction of the colon, Bullock PR; Thomas WEG, (Radiology), 155: 850, 1985

adult Hirschprung disease: radiographic findings, Mindelzun RE; Hicks SM, (Radiology), 160: 623, 1986

endoscopic decompression of acute colonic obstruction: avoiding staged surgery, Lelcuk S; Ratan J; Klausner JM; et al, (Radiology), 160: 856, 1986

Ogilvie's syndrome in orthopaedic patients, Walker JL; Walling AK, (Radiology), 159: 286, 1986

percutaneous cecostomy for decompression of the massively distended cecum, Casola G; Withers C; vanSonnenberg E; Herba MJ; Saba RM; Brown RA, (Radiology), 158: 793,

percutaneous decompression of the colon using CT guidance in Ogilvie syndrome, Crass JR; Simmons RL; Frick MP; et al, (AJR), 144: 475, 1985

#### Colon, stricture

See Colon, stenosis

Colon, surgery

angiodysplasia of the colon. a review of 17 cases, 5mith GF; Ellyson JH; Parks SN; et al, (Radiology), **154**: 271, 1985

ileoanal J pouch: radiographic evaluation, Hillard AE; Mann FA; Becker JM; Nelson JA, (Radiology), 155: 591, 1985

radiographic appearance of the endorectal pull-through, Bank ER; White SJ; Coran AG, (Pediatr Radiol), 16: 216, 1986

radiology of colonic interposition and its associated complications, Christensen LR; Shapir J, (Gastrointest Radiol), 11: 233, 1986

transcatheter control of postpolypectomy hemorrhage, Sanchez FW; Rogers JM; Vujic I; et al, (Gastrointest Radiol), 11: 254,

Colon, therapeutic radiology

combined irradiation and three-drug chemotherapy in inoperable colorectal carcinoma, Von Der Maase H; Magnusson K; Sveninsson T, (Radiology), 150: 871, 1984

#### Colon, ulcers

aphthous ulceration in diversion colitis. clinical implications, Lusk LB; Reichen J; Levine JS, (Radiology), 156: 855, 1985

intraluminal meniscoid ulcer in the colon: unusual sign of malignancy, Siskind BN; Burrell MI, (Gastrointest Radiol), 11: 251,

### Colon, US studies

functional colon-sonography in three cases of neuronal intestinal dysplasia, Pistor G; Hofmann-v. Kap-herr S, (Radiology), **156**:

sonographic appearance of pseudomembranous colitis, Bolondi L; Ferrentino M; Trevisani F; et al, (J Ultrasound Med), 4: 489, 1985

sonography of colonic diverticulitis, Parulekar SG, (J Ultrasound Med), 4: 659, 1985

#### Colon, varices

familial varices of the colon occurring without evidence of portal hypertension, Hawkey CJ; Amar SS; Daintith HAM; et al, (Radiology), **158**: 858, 1986

#### Colonoscopy

angiodysplasia. clinical presentation and colonoscopic diagnosis, Richter JM; Hedberg SE; Athanasoulis CA; et al, (Radiology), **154**: 555, 1985

cecal volvulus: complication of colonoscopy, Radin DR; Halls JM, (Gastrointest Radiol),

correlation of double-contrast high-density barium enema, colonoscopy, and histology in children with special attention to disparities, Stringer DA; Sherman PM; Jakowenko N, (Pediatr Radiol), 16: 298, 1986

extent of successful colonoscopy: a second assessment using modern equipment, Obrecht WF Jr; Wu WC; Gelfand DW; et al, (Radiology), 154: 271, 1985

ischemic colitis: serial changes in double contrast barium enema examination, Iida M; Matsui T; Fuchigami T; Iwashita A; Yao T; Fujishima M, (Radiology), 159: 337, 1986

non-obstructive colonic dilation: radiologic rindings in 50 patients following colonoscopic treatment, Shirazi KK; Agha FP; Strodel WE; et al, (Radiology), 155: 271, 1985

randomized blinded clinical trial of a rapid colonic lavage solution (golytely) compared with standard preparation for colonoscopy and barium emema, Ernstoff JJ; Howard DA; Marshall JB; et al, (Radiology), 151: 259, 1984

rectal biopsy as a cause of rectal ulceration, Millward SF; Chapman A; Somers S; Stevenson GW, (Radiology), 156: 42, 1985 simultaneous endoscopic and radiologic examination of the colon, Rabast U, (Gastrointest Radiol), 11: 247, 1986

survey of the use of colonoscopy in inflammatory bowel disease, Holdstock G; DuBoulay CE; Smith CL, (Radiology), 155: 271, 1985

#### Compensators

digital beam attenuator technique for compensated chest radiography, Hasegawa BH; Naimuddin 5; Dobbins JT III; Mistretta CA; Peppler WW; Hangiandreou NJ; Cusma JT; McDermott JC; Kudva BV; Melbye KM, (Radiology), 159: 537, 1986

Computed tomographic (CT) guidance

abdominal aspiration biopsies: sonographic vs. computed tomographic guidance, Pelaez JC; Hill MC; Dach JL; et al, (Radiology), **152**: 266, 1984

adrenal myelolipoma diagnosis by computed-tomography-guided fine-needle aspiration. a case report, DeBlois GG; DeMay RM, (Radiology), 156: 569, 1985

computed tomography-guided adrenal biopsy, an alternative to surgery in adrenal mass diagnosis, Berkman WA; Bernardino ME; Sewell CW; et al, (Radiology), 153: 858, 1984

computed tomography guided thin needle biopsy of small lytic bone lesions, Gatenby RA; Mulhern CB Jr; Moldofsky PJ, (Radiology), 154: 567, 1985

CT body stereotaxis: aid for CT-guided biopsies, Onik G; Costello P; Cosman E; et al, (AJR), 146: 163, 1986

CT-guided percutaneous bowel loopogram, Hoddick WK; Demas BE; Moss AA, (AJR), 143: 1098, 1984

CT guided percutaneous fine-needle biopsy of the pancreas, Luning M; Kursawe R; Schopke W; et al, (Radiology), **158**: 567, 1986

CT-guided stereotactic neurosurgery: r-guided stereotactic fleurostingery. experience in 24 cases with a new stereotactic system, Thomas DGT; Anderson RE; du Boulay GH, (Radiology), 152: 857, 1984

light-guidance system to be used for CT-guided biopsy, Frederick PR; Brown TH; Miller MH; Bahr AL; Taylor KH, (Radiology), 154: 535, 1985

percutaneous decompression of the colon using CT guidance in Ogilvie syndrome, Crass JR; Simmons RL; Frick MP; et al, (AJR), 144: 475, 1985

reformatted imaging to define the intercommissural line for CT-guided stereotaxic functional neurosurgery, Latchaw RE; Lunsford LD; Kennedy WH, (AJNR), 6: 429, 1985

renal cell carcinoma complicating long-term dialysis: computed tomography-guided aspiration cytology, Nunez D Jr.; Yrizarry JM; Nadji M; et al. (CT), 10: 61, 1986

role of computed tomography-guided needle biopsy in an oncology service, Husband JE; Golding SJ, (Radiology), 150: 296, 1984

#### Computed tomography (CT)

advanced imaging techniques. volume 2 of modern neuroradiology, Newton TH; Potts DG, ed, Reviewed by Ekholm SE, (Radiology), 153: 144, 1984

Kuhns LR; Seeger J, Reviewed by Burgreen L, (Radiology), **152**: 754, 1984

computed tomography in orthopedic radiology, Boijsen E; Ekelund L, eds, Reviewed by Lovelock JE, (Radiology), 152:

computed tomography of the body, Moss AA; Gamsu G; Genant HK, Reviewed by Mare KO, (Radiology), 153: 768, 1984

CT examination of eleven Egyptian mummies, Marx M; D'Auria SH, (Radiographics), 6: 321, 1986

CT of the thorax: pitfalls in interpretation, Proto AV; Rost RC Jr, (Radiographics), 5:

diffuse peripheral lung disease: evaluation by high-resolution computed tomography, Nakata H; Kimoto T; Nakayama T; Kido M; Miyazaki N; Harada S, (Radiology), 157: 181, 1985

digital computer: the role of functional imaging in radiology, Lasher JC; Blumhardt R; Lancaster JL, (Radiology), 153:

editorial retrospective. computed tomography. a controversy revisited, Evens RG, (Radiology), 153: 858, 1984

how does magnetic resonance compare with computed tomography?, Murphy WA, (Radiology), 152: 235, 1984

illustrated computed tomography: a practical guide to CT interpretations, Takahashi S; Sakuma S; Kaneko M, eds, Reviewed by Katz JK, Griffiths HJ, (Radiology), **151**: 438,

modern imaging and endoscopic biopsy techniques in Egyptian mummies, Notman DNH; Tashjian J; Aufderheide AC; et al, (AJR), 146: 93, 1986

national CT use and radiation exposure: United States 1983, Evens RG; Mettler FA Jr, (AJR), 144: 1077, 1985

shape and dimensions of cardiac chambers: importance of CT section thickness and orientation, Hoffman EA; Ritman EL, (Radiology), 155: 739, 1985

use of CT in monitoring cryosurgery, Reiser M; Drukier A-K; Ultsch B; et al, (Radiology), **150**: 866, 1984

whole body computerized tomography, Wegener OH, Reviewed by Mare K, (Radiology), 152: 496, 1984

#### Computed tomography (CT), artifact

artifacts in computed tomography of the posterior fossa: comparative phantom study, Mostrom U; Ytterbergh C, (JCAT), 10: 560,

artifacts seen during CT pelvimetry: implications for digital systems with scanning beams, Brody AS; Saks BJ; Field DR, Skinner SR; Capra RE, (Radiology), 160: 269, 1986

computed tomographic evaluation of surgical clip artifact: tissue phantom and experimental animal assessment, Silverman PM; Spicer LD; McKinney R Jr; et al, (Comput Radiol), 10: 37, 1986.

contrast medium precipitation during abdominal CT, Ball DS; Radecki PD; Friedman AC; Caroline DF; Mayer DP, (Radiology), 158: 258, 1986

CT measurement of the diameter of spinal and other bony canals: effects of section angle and thickness, Eubanks BA; Cann CE; Brant-Zawadzki M, (Radiology), 157: 243, 1985

dual energy computed tomography: simulated monoenergetic and material-selective imaging, Hemmingsson A; Jung B; Ytterbergh C, (JCAT), 10: 490, 1986

metallic hip implants: CT with multiplanar reconstruction, Fishman EK; Magid D; Robertson DD; Brooker AF; Weiss P; Siegelman SS, (Radiology), 160: 675, 1986

new software correction approach to volume averaging artifacts in CT, Goodenough DJ; Weaver KE; Costaridou H; et al, (Comput Radiol), 10: 87, 1986

simulation of CT reconstruction artifacts data collection, Jelinek J; Overton TR, (Comput Radiol), 10: 23, 1986

surgical ligation clip artifacts on CT scans, Gross SC; Kowalski JB; Lee S-HH; Terry B; Honickman SJ, (Radiology), **156**: 831, 1985

# Computed tomography (CT), attenuation coefficients

clinical significance of partial volume averaging of the temporal bone, Chakeres DW, (AJNR), 5: 297, 1984

CT scanning phantom for normalization of infant brain attenuation, Thompson JR; Triolo PJ; Moore RJ; et al, (AJNR), 5: 167, 1984

mass estimates by computed tomography: physical density from CT numbers, Mull RT, (AJR), 143: 1101, 1984

#### Computed tomography (CT), beam hardening

dual energy computed tomography: simulated monoenergetic and material-selective imaging, Hemmingsson A; Jung B; Ytterbergh C, (JCAT), 10: 490, 1986

# Computed tomography (CT), biological fluid

validation of a CT method for flow determination. work in progress, Guthaner DF; Nassi M; Bradley B, (Radiology), 151: 429, 1984

# Computed tomography (CT), clinical effectiveness

cervical spinal fractures: CT detection, Pech P; Kilgore DP; Pojunas KW; Haughton VM, (Radiology), 157: 117, 1985

computed tomographic studies of the painful abdomen, Benson M; Bree RL; Schwab RE; Ouimette M, (Radiology), 155: 443, 1985

triplane fracture of the distal tibial epiphysis: radiographic and CT studies, Cone RO III; Nguyen V; Flournoy IG; Guerra J, (Radiology), 153: 763, 1984

# Computed tomography (CT), comparative studies

blinded clinical comparison of MR imaging and CT in neuroradiology, Haughton VM; Rimm AA; Sobocinski KA; Papke RA; Daniels DL; Williams AL; Lynch R; Levine R, (Radiology), 160: 751, 1986

bronchiectasis: assessment by thin-section CT, Grenier P; Maurice F; Musset D; Menu Y; Nahum H, (Radiology), **161**: 95, 1986

comparison of computed tomography and complex motion tomography in the evaluation of cholesteatoma, Shaffer KA, (AJNR), 5: 303, 1984

- comparison of CT and angiography in assessing resectability of pancreatic carcinoma, Jafri SZH; Aisen AM; Glazer GM; et al, (AJR), 142: 525, 1984
- comparison of CT and MR in 400 patients with suspected disease of the brain and cervical spinal cord, Bradley WG Jr; Waluch V; Yadley RA; Wycoff RR, (Radiology), 152:
- computed-tomographic and conventional linear-tomographic evaluation of tracheobronchial lesions for laser photoresection, Pearlberg JL; Sandler MA; Kvale P; Beute GH; Madrazo BL, (Radiology), 154: 759, 1985

cryptic structural lesions in refractory partial epilepsy: MR imaging and CT studies, Ormson MJ; Kispert DB; Sharbrough FW; Houser OW; Earnest F IV; Scheithauer BW; Laws ER Jr. (Radiology), 160: 215, 1986

delayed hepatic CT scanning: increased confidence and improved detection of hepatic metastases, Bernardino ME; Erwin BC; Steinberg HV; Baumgartner BR; Torres WE; Gedgaudas-McClees RK, (Radiology), 159: 71, 1986

frequency and patterns of abnormality detected by iodine-123 amine emissi after cerebral infarction, Brott TG; Gelfand MJ; Williams CC; Spilker JA; Hertzberg VS, (Radiology), 158: 729, 1986

head trauma evaluated by magnetic resonance ead trauma evaluated by magnetic resonand and computed tomography: a comparison, Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR. El Yousef SJ; Clampitt ME; Bonstelle CT; Huss RG, (Radiology), 150: 71, 1984

how does magnetic resonance compare with computed tomography?, Murphy WA, (Radiology), 152: 235, 1984

human brain infarcts: imaging by MR enhanced Gd-DTPA, Virapongse C; Mancuso AA; Quisling RG, (Radiology), 161:

multiple sclerosis: gadolinium enhancement in MR imaging, Grossman RI; Gonzalez-Scarano F; Atlas SW; Galetta S; Silberberg DH, (Radiology), 161: 721, 1986

multiple system atrophy (Shy-Drager syndrome): MR imaging, Pastakia B; Polinsky R; Di Chiro G; Simmons JT; Brown R; Wener L, (Radiology), 159: 499,

patients with partial seizures: evaluation by MR, CT, and PET imaging, Latack JT; Abou-Khalil BW; Siegel GJ; Sackellares JC; Gabrielsen TO; Aisen AM, (Fadiology), 159:

primary intracranial tumor imaging: a comparison of magnetic resonance and CT, Brant-Zawadzki M; Badami JP; Mills CM; Norman D; Newton TH, (Radiology), 150:

433, 1994
renal artery stenosis and evaluation of the effect of endoluminal dilatation: comparison of dynamic CT scanning and 1-131-OlHA renogram, Probst P; Mahler F; Roesler H; et al. (Radiology), 150: 855, 1984 role of chest CT in non-Hodgkin lymphoma, Khoury MB; Godwin JD; Halvorsen RA Jr; Hanun Y; Putman CE, (Radiology), 158: 659, 1986

rotator cuff lesions of the shoulder: evaluation by direct sagittal CT arthrography, Beltran J; Gray LA; Bools JC; Zuelzer WA; Weis LD; Unverferth LJ, (Radiology), 160: 161, 1986

sacral abnormalities—computed tomography versus conventional radiography, Shirkhoda A; Brashear HR;

Zelenik ME; et al, (Radiology), 152: 861, 1984 shape and dimensions of cardiac chambers: importance of CT section thickness and orientation, Hoffman EA, Ritman EL, (Radiology), 155: 739, 1985

upper abdominal trauma in children: imaging evaluation, Kaufman RA; Towbin RB; Babcock DS; et al, (AJR), 142: 449, 1984

Computed tomography (CT), complications aneurysmal rupture during computed tomography scanning, Allen RF; Williams JP; Joslyn JN; et al, (CT), 10: 93,

Computed tomography (CT), computer programs

radiotherapy planning: direct tumor location on simulation and port films using CT. part I. principles, Haynor DR; Borning AW; Griffin BA; Jacky JP, Kalet IJ; Shuman WP, (Radiology), 158: 537, 1986

#### Computed tomography (CT), contrast media

- bolus geometry and dynamics after intravenous contrast medium injection, Claussen CD; Banzer D; Pfretzschner C; Kalender WA; Schorner W, (Radiology), 153: 365, 1984
- changing topographic patterns of human cerebral blood flow with age measured by xenon CT, Tachibana H; Meyer JS; Okayasu H; et al, (AJNR), 5: 139, 1984
- comparison of dilute barium and dilute water soluble contrast opacification of the bowel for abdominal computed tomography, Chambers SE; Best JJK, (Radiology), 156: 281, 1985
- contrast enhancement of brain tumors and irradiated normal brain: comparison of iohexol and iothalamate, Fike JR; Cann CE; Turowski K; et al, (Neuroradiol), 28: 61, 1986
- contrast medium pooling in cystic renal carcinoma: CT findings, Coleman BG; Arger PH; Pollack HM; et al, (JCAT), 8: 1208, 1984
- coronal computerized angiotomography for the diagnosis of isodense chronic subdural hematoma, Asari S; Kunishio K; Suga M; et al, (Radiology), 155: 858, 1985
- CT densities in delayed iodine hepatic scanning, Perkerson RB Jr; Erwin BC; Baumgartner BR; Phillips VM; Torres WE; Clements JL Jr; Gegaudas-McClees RK; Bernardino ME, (Radiology), 155: 445, 1985
- CT of the liver and spleen with EOE-13: review of 225 examinations, Miller DL; Vermess M; Doppman JL; et al, (AJR), 143: 235, 1984
- CT of the postoperative lumbar spine: value of intravenous contrast, Weiss T; Treisch J; Kazner E; et al, (Neuroradiol), 28: 241, 1986
- delayed contrast enhancement in acute focal bacterial nephritis: CT features, Ishikawa I; Saito Y; Onouchi Z; et al, (JCAT), 9: 894,
- delayed iodine scanning of the liver: promising CT technique, Phillips VM; Erwin BC; Bernardino ME, (JCAT), 9: 415,
- dynamic CT using an arterial bolus, Guinto FC Jr; Hashim H; Crofford MJ; Mirfakhraee M, (Radiology), 157: 529, 1985
- dynamic incremental computed tomography of the pulmonary hila using a flow-rate injector, Shepard J-AO; Dedrick CG; Spizarny DL; et al, (JCAT), 10: 369, 1986
- dynamische computer-tomographie (dynamic computed tomography), Claussen C; Lochner B, Reviewed by Oestreich AE, (Radiology), 152: 234, 1984
- esters of iopanoic acid as liver-specific CT contrast agents: biodistribution and CT evaluation, Longino MA; Glazer GM; Weichert JP; et al, (JCAT), 8: 1099, 1984
- experimental evaluation of iosefamate meglumine and its derivatives as hepatobiliary CT contrast agents, Seltzer SE; Hamilton C; VanDeripe D, (AJR), 145: 67,
- focal hepatic masses and fatty infiltration detected by enhanced dynamic CT, Alpern MB; Lawson TL; Foley WD; Perlman SJ; Reif LJ; Arevalos E; Rimm AA, (Radiology), 158: 45, 1986
- high-dose IV contrast in CT scanning of the postoperative lumbar spine, Yang PJ; Seeger JF; Dzioba RB; et al, (AJNR), 7: 703, 1986
- infusion system for improved vascular opacification during CT, Zelenik ME; Mathis JM; McDaniel EC, (Radiology), **152**:
- intraperitoneal contrast agents for computed tomography, Stork J, (AJR), 145: 300, 1985
- intravenous contrast-enhanced CT of the postoperative lumbar spine: improved identification of recurrent disk herniation scar, arachnoiditis, and diskitis, Teplick JG; Haskin ME, (AJNR), 5: 373, 1984
- intravenous contrast-enhanced CT of the travenous contrast-enhanced C1 of the postoperative lumbar spine: improved identification of recurrent disk herniation, scar, arachnoiditis, and diskitis, Teplick JG; Haskin ME, (AJR), 143: 845, 1984

- is contrast-enhanced CT indicated in acute head injury?, Mauser HW; van Nieuwenhuizen O; Veiga-Pires JA, (Radiology), 153: 276, 1984
- (Radiology), 135: 276, 1762 liposomes loaded with contrast material for image enhancement in CT. work in progress, Ryan PJ; Davis MA; DeGaeta LR; Woda B; Melchior DL, (Radiology), 152: 759,
- low dose arterial contrast enhancement for cranial computed tomography in renal insufficiency, Kier R; Osborne DR, (JCAT), 9: 800, 1985
- postmyelography and postmyelographic computed tomography: comparative adequacy in the cervical spine, Sobel DF; Barkovich AJ; Munderloh SH, (AJNR), 5: 385, 1984
- oral contrast agents in CT of the abdomen, Garrett PR: Meshkov SL; Perlmutter GS, (Radiology), 153: 545, 1984
- perfluoroctylbromide as a contrast agent for computed tomographic imaging of septic and aseptic arthritis, Sartoris DJ; Guerra JJ Jr; Mattrey RF; et al, (Invest Radiol), 21: 49,
- use of flow-rate injector for contrast-enhanced computed tomography, McCarthy S; Moss AA, (Radiology), 151: 800, 1984
- value of intravenous contrast enhancement in the CT evaluation of intraspinal tumors, Lapointe JS; Graeb DA; Nugent RA; et al, (A)NR), 6: 939, 1985
- Computed tomography (CT), cost effectiveness emergency skull radiography: effect of restrictive criteria on skull radiography and CT use, Baker SR, Gaylord GM; Lantos G; Tabaddor K; Gallagher EJ, (Radiology), 156: 409 1982 409, 1985
- Computed tomography (CT), data processing evaluation of multiplanar reconstruction in CT recognition of lumbar disk disease, Rosenthal DI; Stauffer AE; Davis KR; et al. (AJNR), 5: 307, 1984
- Computed tomography (CT), dual-energy bone mineral content in early-postmenopausal and postmenopausal osteoporotic women: comparison of measurement methods, Reinbold W-D; Genant HK; Reiser UJ; Harris ST; Ettinger B, (Radiology), 160: 469,
- dual energy computed tomography: simulated monoenergetic and material-selective imaging, Hemmingsson A; Jung B; Ytterbergh C, (JCAT), 10: 490, 1986
- influence of vertebral fat content on quantitative CT density, Laval-Jeantet AM; Roger B; Bouysse S; Bergot C; Mazess RB, (Radiology), 159: 463, 1986
- postprocessing dual energy technique for vertebral CT densitometry, Laval-Jeantet AM; Cann CE; Roger B; et al. (JCAT), 8: 1164, 1984
- potential accuracy of dual-energy computed tomography for the determination of hepatic iron, Sephton RG, (Br J Radiol), 59: 351, 1986
- tissue analysis by dual-energy computed tomography, Hawkes DJ; Jackson DF; Parker RP, (Br J Radiol), **59**: 537, 1986
- Computed tomography (CT), efficacy studies See Efficacy study, CT
- Computed tomography (CT), emission See Emission CT
- Computed tomography (CT), experimental
- CT patterns of splenic infarction: a clinical and experimental. study, Balcar I; Seltzer SE; Davis S; Geller SC, (Radiology), 151: 723, 1984
- determination of the chemical composition of urinary calculi by computerized tomography, Mitcheson HD; Zamenhof RG; Bankoff MS; et al, (Radiology), 152: 561,
- high-resolution computed tomography of the pig lung, Todo G; Herman PG, (Invest Radiol), 21: 689, 1986
- intracranial tumors: unexpected uptake of I-123 HIPDM, McVeigh MC; Merchut MP; Karesh SM; Ghobrial MW; Dillehay DL, (Radiology), 161: 409, 1986
- normal brain iodine-125 radiation damage: effect of dose and irradiated volume in a canine model, Turowski K; Fike JR; Cann CE; Higgins RJ; Davis RL; Gutin PH; Phillips TL; Weaver KA, (Radiology), 158: 833, 1986

### Computed tomography (CT), image display and recording

Computed tomography (CT), image display and

composite image: a photographic error in computed tomography with a multiformat camera, Silverman PM; Rosen A; Korobkin M; et al, (AJR), 142: 961, 1984

gated cardiac imaging using a continuously rotating CT scanner: clinical evaluation of 91 patients, Oyama Y; Uji T; Hirayama T; et al, (AJR), 142: 865, 1984

histogram equalization of CT images, Lehr JL; Capek P, (Radiology), 154: 163, 1985

stereoscopic computed three-dimensional surface displays, Herman GT; Vose WF; Gomori JM; Gefter WB, (Radiographics), 5: 825, 1985

technique for multiplanar reformation and three-dimensional analysis of computed tomographic data: application to adult hip disease, Sartoris DJ; Resnick D; Bielecki D; et al, (J Canad Assoc Radiol), 37:

three-dimensional display of computed tomographic scans, Herman GT, (Radiology), **151**: 805, 1984

three-dimensional display of computed tomographic scans: reply, Vannier MW, (Radiology), **151**: 805, 1984

Computed tomography (CT), image processing complex musculoskeletal anatomy: analysis using three dimensional surface reconstruction, Totty WG; Vannier MW, (Radiology), **150**: 173, 1984

computed tomography of the spine: curved coronal reformations from serial images, Rothman SLG; Dobben GD; Rhodes ML; Glenn WV Jr; Azzawi Y-M, (Radiology), 150:

CT of dry skulls with craniofacial deformities: reconstruction, Hemmy DC; Tessier PL, (Radiology), 157: 113, 1985

shape and dimensions of cardiac chambers: importance of CT section thickness and orientation, Hoffman EA; Ritman EL, (Radiology), 155: 739, 1985

spatial resolution analysis of computed tomographic images, Assimakopoulos PA; Boyd DP; Jaschke W; et al, (Invest Radiol), 21: 260, 1986

three dimensional CT reconstruction images for craniofacial surgical planning and evaluation, Vannier MW; Marsh JL; Warren JO, (Radiology), **150**: 179, 1984

toward quantitative characterization of the caudate nucleus through CT image enhancement, Stein RA; Pearce KI; Nosil J; et al, (JCAT), 9: 708, 1985

Computed tomography (CT), image quality evaluation of distance-weighted SPECT reconstruction for skeletal scintigraphy, Hellman RS; Nowak D; Collier BD; Isitman A; Eisner RL, (Radiology), 159: 473,

patient positioning for direct sagittal CT of the orbit parallel to the optic nerve, Zonneveld FW; Koornneef L, (Radiology), 158: 547, 1986

Computed tomography (CT), in infants and children

aortic arch in neonates with esophageal atresia: preoperative assessment using CT, Day DL, (Radiology), 155: 99, 1985

cerebral computed tomography in drowning victims, Murray RR; Kapila A; Blanco E; et al. (AJNR), 5: 177, 1984

chronic cerebral herniation in shunted Dandy-Walker malformation, Naidich TP; Radkowski MA; McLone DG; Leestma J, (Radiology), 158: 431, 1986

computed tomographic evaluation of Wilm's tumor and neuroblastoma, Lowe RE; Cohen MD, (Radiographics), 4: 915, 1984

computed tomographic localization of wooden foreign bodies in children's extremities, Bauer AR Jr; Yutani D, (Radiology), 151: 549, 1984

computed tomography in an infant with salt poisoning: relationship of hypodense areas in basal ganglia to serum sodium concentration, Habbick BF; Hill A; Tchang SP, (Radiology), 157: 282, 1985

computed tomography in the diagnosis of intracranial neoplasms in children, Segall HD; Batnitzky S; Zee C-S; et al, (Radiology), 159: 288, 1986

computed tomography in the evaluation of tubo-ovarian abscesses in children, Mahboubi S; Caro PA, (CT), **10**: 67, 1986

computerized tomography of cranial sutures. part 2: abnormalities of sutures and skull deformity in craniosynostosis, Furuya Y; Edwards MSB; Alpers CE; et al, (Radiology), 154: 851, 1985

CT findings in hepatoblastoma, Amendola MA; Blane CE; Amendola BE; et al, (JCAT), 8: 1105, 1984

CT measurements of cranial growth: microcephaly, Hahn FJ; Chu W-K; Torkelson RD, (AJNR), 5: 159, 1984

dedicated CT technique for scanning neonates, Lassen MN, (Radiology), 161: 363, 1986 evaluation of the infant spine by direct sagittal computed tomography, Altman N; Harwood-Nash DC; Fitz CR; et al, (AJNR), 6:

imaging the pediatric liver: MRI and CT, Weinreb JC; Cohen JM; Armstrong E; et al, (AJR), 147: 785, 1986

incidental paranasal sinus abnormalities on CT of children: clinical correlation, Glasier CM; Ascher DP; Williams KD, (AJNR), 7: 861,

indications for body CT in children, Kalifa G; Meunier S, (Radiology), **152**: 853, 1984

intracranial calcification in paediatric computed tomography, Kendall B; Cavanagh N, (Neuroradiol), 28: 324, 1986

intracranial calcification in the infant and neonate: evaluation by sonography and CT, Grant EG; Williams AL; Schellinger D; Slovis TL, (Radiology), 157: 63, 1985

intracranial hemorrhage in neonates with erythroblastosis fetalis: sonographic and CT findings, Grant EG; Schellinger D; Grosso MA; et al. (AJNR), 5: 259, 1984

intravenously administered pentobarbital sodium for sedation in pediatric CT, Strain JD; Harvey LA; Foley LC; Campbell JB, (Radiology), 161: 105, 1986

mediastinal lesions in children: comparison of CT and MR, Siegel MJ; Nadel SN; Glazer HS; Sagel SS, (Radiology), **160**: 241,

pediatric patient exposures from CT examinations: GE CT/T 9800 scanner, Fearon T; Vucich JJ, (AJR), 144: 805, 1985

radiation dose reduction in pediatric CT, Robinson AE; Hill EP; Harpen MD, (Pediatr Radiol), 16: 53, 1986

three-dimensional CT reformation in children, Altman NR; Altman DH; Wolfe SA; et al, (AJNR), 7: 287, 1986

ultrasound and computed tomography of the infant brain: clinical comparison, Lipinski JK; Cremin BJ, (Clin Radiol), 37: 365, 1986

Computed tomography (CT), interventional iliopsoas abscess: treatment by CT-guided percutaneous catheter drainage, Mueller PR; Ferrucci JT Jr; Wittenberg J; et al, (AJR), 142:

Computed tomography (CT), pediatric See Computed tomography (CT), in infants and children

Computed tomography (CT), physics Morgan CL, Reviewed by Gothlin J, (Radiology), 151: 144, 1984

enhancement of computed tomographic scanner based digital radiographic images, Mott DJ, (Radiology), **152**: 871, 1984

mass estimates by computed tomography: physical density from CT numbers, Mull RT, (AJR), 143: 1101, 1984

medical physics of CT and ultrasound: tissue imaging and characterization. medical physics monograph 6, Fullerton GD; Zagzebski JA, ed, Reviewed by Judy PF, (Radiology), **151**: 252, 1984

physical principles of computed tomography, Hendee WR, Reviewed by Yaffe MJ, (Radiology), **151**: 438, 1984

Computed tomography (CT), preoperative chronic osteomyelitis examined by CT, Wing VW; Jeffrey RB Jr; Federle MP; Helms CA; Trafton P, (Radiology), **154**: 171,

comparison of CT and angiography in assessing resectability of pancreatic carcinoma, Jafri SZH; Aisen AM; Glazer GM; et al. (AJR), 142: 525, 1984

esophageal carcinoma: CT findings, Quint LE; Glazer GM; Orringer MB; Gross BH, (Radiology), 155: 171, 1985 integrated stereotaxic imaging with CT, MR imaging, and digital subtraction angiography, Peters TM; Clark JA; Olivier A; Marchand EP; Mawko G; Dieumegarde M; Muresan LV; Ethier R, (Radiology), 161: 821, 1986

Computed tomography (CT), radiation exposure

conceptus dose from two state-of-the-art CT scanners, Wagner LK; Archer BR; Zeck OF, (Radiology), 159: 787, 1986

considerations of radiation dose in the management of intracranial abscesse computed tomography, Moseley IF; Zilkha E, (Radiology), 153: 853, 1984 dedicated CT technique for scanning neona Lassen MN, (Radiology), 161: 363, 1986

potential radiation hazards to personnel during dynamic CT, Kaczmarek RG; Bednarek DR; Wong R; Kaczmarek RV; Rudin S; Alker G, (Radiology), 161: 853, 1986 radiation dose reduction in pediatric CT, Robinson AE; Hill EP; Harpen MD, (Pediatr Radiol), 16: 53, 1986

scatter radiation from abdominal CT examinations, Burgess AE, (JCAT), 9: 926, 1985

Computed tomography (CT), technology accuracy of area measurements made from MR images compared with computed tomography, Zhu XP; Checkley DR; Hickey DS; et al, (JCAT), 10: 96, 1986

Adaptive grey level assignment in CT scan display, Pizer SM; Zimmerman JB; Staab EV, (Radiology), 154: 282, 1985 basic principles of computed tomography, Morgan CL, Reviewed by Gothlin J, (Radiology), 151: 144, 1984

(Radiology), 131, 143, 1504 bolus geometry and dynamics after intravenous contrast medium injection, Claussen CD; Banzer D; Pfretzschner C; Kalender WA; Schorner W, (Radiology), 153: 365, 1984

comparison of x-ray film and photographic paper in recording CT images, Stephenson TF; Lincoln AJ; Mehnert PJ; et al. (JCAT), 8: 1161, 1984

computed tomographic evaluation of surgical clip artifact: tissue phantom and experimental animal assessment, Silverman PM; Spicer LD; McKinney R Jr; et al., (Comput Radiol), 10: 37, 1986. 37, 1986

computed tomographic volumetric calculation reproducibility, Staron RB; Ford E, (Invest Radiol), 21: 272, 1986

computed tomography of the spine: curved coronal reformations from serial images, Rothman SLG; Dobben GD; Rhodes ML; Glenn WV Jr; Azzawi Y-M, (Radiology), 150:

computers in computed tomography and magnetic resonance imaging, Pickens DR; Erickson JJ, (Radiographics), 5: 31, 1985

CT collimator damage: detection by testing scan bean and laser-light alignment, McCullough MJ, (Radiology), 155: 532, 1985

McCullough MJ, (Radiology), 155: 532, 198
CT-guided needle placement in the central
nervous system: results in 146 consecutive
patients, Moran CJ; Naidich TP;
Marchosky JA, (AJNR), 5: 419, 1984
CT-guided needle placement in the central
nervous system: results in 146 consecutive
patients, Moran CJ; Naidich TP;
Marchosky JA, (AJR), 143: 861, 1984
CT-guided neecutive powel laponeram

CT-guided percutaneous bowel loopogram, Hoddick WK; Demas BE; Moss AA, (AJR), 143: 1098, 1984

data-base management system on a CT scanner computer: application to teaching file and procedure records, Smith DF; Rowberg AA, (AJR.), 142: 1219, 1984

design and evaluation of a positron emission tomograph: HEADTOME III, Kanno I; Miura S; Yamamoto S; et al, (Radiology), 9: 931, 1985

device for performing direct coronal CT scanning of the abdomen and pelvis, Goldberg HI; Cann CE; Moss AA; et al, (AJR), 143: 900, 1984

(A)R), 143: 900, 1984 direct sagittal computed tomography of the head, Ball JB Jr; Towbin RB; Staton RE; Cowdrey KE, (Radiology), 155: 822, 1985 direct sagittal computed tomography of the temporal bone, Manzione JV; Rumbaugh CL; Katzberg RW, (JCAT), 9: 417, 1985

direct sagittal CT of the temporomandibular joint, Simon DC; Hess ML; Smilak MS; Beltran J, (Radiology), 157: 545, 1985

dynamic incremental computed tomography of the pulmonary hila using a flow-rate injector, Shepard J-AO; Dedrick CG; Spizarny DL; et al. (JCAT), 10: 369, 1986

fast overlapping scans in cerebral computed angiotomography, Fukui K; Sadamoto K; Yamamoto Y; et al, (JCAT), 9: 839, 1985

Fourth International Workshop on Bone and Soft Tissue Densitometry Using Computed Tomography, Fontevraud, France, May 29-June 1, 1984: proceedings, (JCAT), (JCAT), 9: 602, 1985

(ICAI), 9: 002, 1985 fully-automated computer-assisted method of CT brain scan analysis for the measurement of cerebrospinal fluid spaces and brain absorption density, Baldy RE; Brindley GS; Ewusi-Mensah I; et al, (Neuroradiol), 28:

gated cardiac imaging using a continuously rotating CT scanner: clinical evaluation of 91 patients, Oyama Y; Uji T; Hirayama T; et al, (AJR), 142: 865, 1984

heart evaluation by cine CT: use of two new oblique views, Rees MR; Feiring AJ; Rumberger JA; MacMillan RM; Clark DL, (Radiology), 159: 805, 1986

improved technique for CT-guided celiac ganglia block, Haaga JR; Kori SH; Eastwood DW; et al, (AJR), 142: 1201, 1984

incremental dynamic computed tomography: practical method of imaging the carotid bifurcation, Tress BM; Davis S; Lavain J; et al. (AJNR), 7: 49, 1986

infusion system for improved vascular opacification during CT, Zelenik ME; Mathis JM; McDaniel EC, (Radiology), 152:

616, 1964
intravenously administered pentobarbital sodium for sedation in pediatric CT, Strain JD; Harvey LA; Foley LC; Campbell JB, (Radiology), 161: 105, 1986 leg-length determination with biplanar CT scanograms, Glass RB; Poznanski AK, (Radiology), 156: 833, 1985

light-guidance system to be used for CT-guided biopsy, Frederick PR; Brown TH; Miller MH; Bahr AL; Taylor KH, (Radiology), **154**: 535, 1985

medical imaging systems, Macovski A, Reviewed by High M, (Radiology), 153: 458, 1984

1984
multiplanar (MPG) imaging of the hip,
Fishman EK; Magid D; Mandelbaum BR;
Scott WW I; Weiss P; Hadfield R; Mudge B;
Kopits SE; Brooker AF; Siegelman SS,
(Radiographics), 6: 7, 1986
new headholder for PET, CT, and NMR
imaging, Kearfott KJ; Rottenberg DA;
Knowles RJR, (JCAT), 8: 1217, 1984

new software correction approach to volume averaging artifacts in CT, Goodenough DJ; Weaver KE; Costaridou H; et al, (Comput Radiol), 10: 87, 1986

organ volume determination by CT scanning; reduction of respiration-induced errors by feedback monitoring, Jones KR; Robinson PJ, (JCAT), 10: 167, 1986

patient positioning for direct sagittal CT of the orbit parallel to the optic nerve, Zonneveld FW; Koornneef L, (Radiology), 158: 547, 1986

pelvic and acetabular fractures: examination by angled CT scanning, Burk DL Jr; Mears DC; Herbert DL, Straub WH; Cooperstein LA; Beck EA, (Radiology), 153:

performance characteristics of Positologica III: whole-body positron emission tomograph, Senda M; Tamaki N; Yonekura Y; et al, (JCAT), 9: 940, 1985

reformatted imaging to define the intercommissural line for CT-guided stereotaxic functional neurosurgery, Latchaw RE; Lunsford LD; Kennedy WH, (AJNR), 6: 429, 1985

eselecting the optimal plane for CT examination of the base of the skull, Huckman MS; Russell EJ, (AJNR), 5: 333,

simple device for breath-level monitoring during CT, Frohlich H; Dohring W, (Radiology), **156**: 235, 1985

spatial resolution analysis of computed tomographic images, Assimakopoulos PA; Boyd DP; Jaschke W; et al, (Invest Radiol), 21: 260, 1986

subtraction gated computed tomography with the dynamic spatial reconstructor: simultaneous evaluation of left and right heart from single right-sided bolus contrast medium injection, Sinak LJ; Hoffman EA; Ritman EL, (Radiology), 153: 278, 1984

temporomandibular joint: true sagittal computed tomography with meniscus visualization, Sartoris DJ; Neumann CH; Riley RW, (Radiology), 150: 250, 1984

three-dimensional anatomical images from computed tomographic scans, Gillespie JE; Isherwood I, (Br J Radiol), 59: 289, 1986

isherwood I, (Br.) Radiol), 99; 289, 1986 three-dimensional computed tomography of acetabular fractures, Burk DL Jr; Mears DC; Kennedy WH; Cooperstein LA; Herbert DL, (Radiology), 155: 183, 1985 three-dimensional CT reformation in children, Altman NR; Altman DH; Wolfe SA; et al, (AJNR), 7: 287, 1986

traction device to improve CT imaging of lower cervical spine, Boger DC, (AJNR), 7: 719, 1986

value of a worksheet in reporting body-C examinations, Kinard RE; Orrison WW; Brogdon BG, (AJR), 147: 848, 1986

Computed tomography (CT), therapeutic radiology

impact of CT CORRELATE ScoutView images on radiation therapy planning, Shuman WP; Griffin BR; Yoshy CS; et al, (AJR), 145: 633,

LOCATE: an application of computed planning with emphasis on tumor planning with emphasis on tumor localization, Griffin BR; Shuman WP; Luk KH; et al, (Radiology), 154: 287, 1985

multi-dimensional treatment planning: I. delineation of anatomy, Goitein M; Abrams M, (Radiology), **154**: 287, 1985

radiotherapy planning: direct tumor location on simulation and port films using CT. part I. principles, Haynor DR; Borning AW; Griffin BA; Jacky JP; Kalet IJ; Shuman WP, (Radiology), 158: 537, 1986

user requirements on CT-based computed dose planning systems in radiation therapy, Dahlin H; Lamon I-L; Landberg T; et al, (Radiology), **154**: 287, 1985

# Computed tomography (CT), tissue characterization

computed tomographic analysis of renal calculi, Hillman BJ; Drach GW; Tracey P; et al, (AJR), 142: 549, 1984

computed tomographic analysis of urinary calculi, Newhouse JH; Prien EL; Amis ES Jr; et al, (AJR), **142**: 545, 1984

fast computer processing for tissue highlighting in computed tomographic cross-sectional imaging and digital scan projection radiography, Moore CJ; Eddleston B, (Br J Radiol), 59: 577, 1986

tissue analysis by dual-energy computed tomography, Hawkes DJ; Jackson DF; Parker RP, (Br J Radiol), 59: 537, 1986

# Computed tomography (CT), treatment

computed tomography in radiotherapy planning of the axillary region, Jacobs CG; Zinreich ES; Fishman EK; et al, (CT), 10: 221,

CT of the axilla: normal anatomy and pathology, Fishman EK; Zinreich ES; Jacobs CG; Rostock RA; Siegelman SS, (Radiographics), 6: 475, 1986

direct multiplanar computed tomography in planning radiotherapy for malignant tumours of the nasopharynx, Silvestre ME; Medina E; Andrea M; et al, (Clin Radiol), 37:

integrated stereotaxic imaging with CT, MR imaging, and digital subtraction angiography, Peters TM; Clark JA; Olivier A; Marchand EP; Mawko G; Dieumegarde M; Muresan LV; Ethier R, (Radiology), 161: 821, 1986

(Radiology), 161: 821, 1986
patient immobilization during CT for
treatment planning of head and neck cancer,
Sewchand W; Aygun C; Nicholson G;
Salazar OM, (Radiology), 158: 251, 1986
peripheral facial nerve dysfunction: CT
evaluation, Disbro MA: Harnsberger HR;
Osborn AG, (Radiology), 155: 659, 1985

radiotherapy planning: direct tumor location on simulation and port films using CT. part I. principles, Haynor DR; Borning AW; Griffin BA; Jacky JF, Kalet IJ; Shuman WP, (Radiology), 158: 537, 1986

Computed tomography (CT), utilization

national survey of computed tomography unit capacity: an update. special report, Terhorst LL, (Radiology), 153: 207, 1984

QUAC: a modest proposal for opitmal use of CT scanning equipment, Reid MH; Dublin AB, (AJR), 142: 845, 1984

value of CT in the preoperative assessment of lung cancer: survey of thoracic surgeons, Epstein DM; Stephenson LW; Gefter WB; van der Voorde F; Aronchick JM; Miller WT, (Radiology), 161: 423, 1986

See also Computed tomography (CT) American College of Radiology network and workstation, Brown RF; Hunter TB; Markivee CR, (AJR), 144: 665, 1985

automated radiographic report generation using barcode technology, Adams HG; Campbell AF, (AJR), 145: 177, 1985

automation of film library functions, Bauman RA, (Radiol Clin North Am), 24: 11,

automation of the radiology management function, Arenson RL, (Radiology), 153: 65,

computation of glomerular filtration rate with Tc-99m DPTA: an in-house computer program, Gates GF, (Radiology), 154: 571, 1985

computer-aided diagnostic strategy selection, Greenes RA, (Radiol Clin North Am), 24: 105, 1986

computer-aided instructional module for radiological physics, Starkschall G; Riggs JD; Lowther JR II, (Int J Radiat Oncol Biol Phys), 12: 421, 1986

computer assisted analysis of fetal age in the third trimester using multiple fetal growth parameters, Hadlock FP; Deter RL; Harrist RB; et al, (Radiology), 151: 834, 1984

computer-assisted instruction in radiology, Aronberg DJ; Rodewald SS; Jost RG, (Radiology), **154**: 345, 1985

computer-assisted radiologic reporting system, Choplin RH; Boehme JM; Cowan RJ; Gelfand DW; Maynard CD; Park WC Jr; Volberg FM; Williams RC, (Radiology), 150: 345, 1984

computer-assisted scheduling of radiologists, Reinus WR; Totty WG, (AJR), 147: 203, 1986

computer-assisted scheduling of radiology resident call, Larson TC III; Larson SL; resident call, Larson 1C III, Larson 9C, Harle TS, (Invest Radiol), 21: 424, 1986

computer-based gastrointestinal information management system, Feczko PJ; Ackerman LV; Halpert RD; Simms SM, (Radiology), 152: 297, 1984

computer-based quantitative analysis of gallium-67 uptake in normal and diseased lungs, Bisson G; Drapeau G; Lamoureux G; et al, (Radiology), 152: 565,

computer-generated examinations for residents in radiology, Crass JR, (AJR), 146: 413, 1986

computer hardware and software fundamentals, Simmons GH; Kereiakes JG; Pickens DR, Erickson JJ, (Radiographics), 5: 11, 1985

computerized method for rapid quantification of gallbladder volume from real-time sonograms, Hopman WPM; Brouwer WFM; Rosenbusch G; Jansen JBMJ; Lamers CBHW, (Radiology), 154: 236, 1985

computerized reference managemen searching the literature, Gurney JW; Wigton RS, (AJR), 147: 641, 1986

computerized search of chest radiographs for nodules, Lampeter WA; Wandtke JC, (Invest Radiol), 21: 384, 1986

computerized x-ray dose-monitoring system, Hummel RH; Wesenberg RL; Amundson GM, (Radiology), **156**: 231, 1985

computer-processed subtraction arthrography, Bassett LW; Loftus AA; Mankovich NJ, (Radiology), 157: 821, 1985

computer simulation of nuclear magnetic resonance imaging, Summers RM; Axel L; Israel S, (Magn Res Med), 3: 363, 1986

computers in computed tomography and magnetic resonance imaging, Pickens DR; Erickson JJ, (Radiographics), 5: 31, 1985

computers in digital imaging, Pavlicek W, (Radiographics), 5: 83, 1985

computers in nuclear medicine, Cradduck TD; Busemann-Sokole E, (Radiographics), 5: 51,

computers in ultrasound, Jones JP, (Radiographics), 5: 105, 1985

(Radiographics), 5: 105, 1985 cooperation between a radiology computer consortium and a computer manufacturer in the development of a radiology information system, Burke MW; Ackerman LV, (Radiology), 156: 565, 1985

(Mattology), 150, 503, 150, 150 data-base management system on a CT scanner computer: application to teaching file and procedure records, Smith DF; Rowberg AA, (AJR), 142: 1219, 1984

design and implementation of a computer-based ultrasound data system, Ott WJ, (J Ultrasound Med), 5: 25, 1986

Ultrasound Med), 5: 25, 1986
developing an integrated natural language
database for gastrointestinal disease,
Feczko PJ; Ackerman LV; Halpert RD; et al,
(Radiology), 156: 565, 1985
digital computer in medical imaging; a critical
review, Bauman RA; Lodwick CS;
Taveras JM, (Radiology), 153: 73, 1984
digital computer: the role of functional
imaging in radiology, Lasher JC,
Blumhardt R; Lancaster JL, (Radiology), 153:
69. 1984

digital image management: networking, display, and archiving. Cox GG; Templeton AW; Dwyer SJ III, (Radiol Clin North Am), 24: 37, 1986

NOTIO AM), 24: 37, 1986 estimating digital information throughput rates for radiology networks: model, Cox GG; Templeton AW; Anderson WH; et al, (Invest Radiol), 21: 162, 1986

evaluation of computer-assisted instruction in radiology, Jacoby CG; Smith WL; Albanese MA, (AJR), 143: 675, 1984

fast computer processing for tissue fast computer processing for tissue highlighting in computed tomographic cross-sectional imaging and digital scan projection radiography, Moore CJ; Eddleston B, (Br J Radiol), 59: 577, 1986 impact of CT CORRELATE ScoutView images on radiation therapy planning, Shuman WP, Griffin BR; Yoshy CS; et al. (AJR), 145: 633, 1985

information integration for the imaging specialist, Shannon RH, (Radiol Clin North Am), 24: 121, 1986

keeping up with computers and their applications in medicine, Hunter TB, (AJR), 143: 678, 1984

microcomputer patient database management system for an MRI facility, Holshouser BA; Bradley WG Jr, (AJR), 146: 871, 1986

minicomputer-based system for obstetric ultrasound analysis, with multi-user and networking capability, Simon NV; Hansberry PA; Shearer DM; et al, (J Ultrasound Med), 4: 545, 1985

Ultrasound Med), 4: 545, 1985
modus operandi for a picture archiving and
communication system, Noz ME;
Erdman WA; Maguire GQ Jr; Stahl TJ;
Tokarz RJ; Menken KL; Salviani JA,
(Radiology), 152: 221, 1984
monitoring department efficiency and quality,
Jost RG, (Radiol Clin North Am), 24: 27,
1986

networking of microcomputers in the radiology department, Markivee CR, (AJR), 145: 849, 1985

office automation, Arenson RL, (Radiol Clin North Am), 24: 87, 1986

North Ain), 22-67, 1300 on-line digital image management system, Templeton AW; Dwyer SJ III; Johnson JA; Anderson WH; Hensley KS; Rosenthal SJ; Lee KR; Preston DF; Batnitzky S; Price HI, (Radiology), 152: 321, 1984

personal computer needs for the radiologist, Newell JD; Hunter TB, (Invest Radiol), 21:

personal computers: their use in a low-volume imaging department, Henry RE, (AJR), **146**: 1302, 1986

practical value of computer literacy: 1. for the purchase of imaging equipment, Levy JM, (AJR), 145: 181, 1985

(A)K), 145: 1, 1963 practical value of computer literacy: 2. troubleshooting computerized imaging equipment, Levy JM, (AJR), 145: 854, 1985 practical value of computer literacy: 3. nonimaging computer applications in radiology, Levy JM; Hessel SJ, (AJR), 145: 1089, 1985

production of text and graphics slides on a personal computer, Hunter TB; Brewer M, (AJR), 144: 1309, 1985

quantitative autoradiography using a personal computer, Lewellen TK; Graham MM; Spence AM, (J Nucl Med), 27: 549, 1986

radiology reporting, Jost RG, (Radiol Clin North Am), 24: 19, 1986

registration and scheduling processes, Bauman RA, (Radiol Clin North Am), 24: 5,

reliability of record linkage in the Swedish Cancer-Environment Register, Wiklund K; Eklund G, (Acta Radiol [Oncol]), 25: 11, 1986

simple reporting system for obstetrical ultrasonography, Jeanty P, (J Ultrasound Med), 4: 591, 1985

simple tailored microcomputer system for the obstetrical ultrasound laboratory, Carrasco CR; Leymaster CE, (J Ultrasound Med), 5: 21, 1986

site planning for radiology computer systems, Williams RC; Choplin RH; Boehme JM; et al, (AJR), 145: 1087, 1985

systems for departmental management, Hunter TB, (AJR), 143: 407, 1984

teaching with computers, Arenson RL, (Radiol Clin North Am), 24: 97, 1986

telecomputing in radiology, Rowberg AH; Newell JD; Hunter TB, (AJR), 145: 411, 1985 teleradiology, Gitlin JN, (Radiol Clin North Am), 24: 55, 1986

toward automated image analysis: future possibilities in historical perspective, Ackerman L, (Radiol Clin North Am), 24: 79,

use of a microcomputer to store information on radiology cases, Kurtz D; Helfgott R; Hill SC; et al, (Radiology), **156**: 565, 1985

visual perception and image display terminals, Kundel HL, (Radiol Clin North Am), 24: 69,

#### Condylomas acuminata

anorectal giant condyloma acuminatum (Buschke-Loewenstein tumor): CT and radiographic manifestations, Balthazar EJ; Streiter M; Megibow AJ, (Radiology), 150: 651, 1984

#### Conjoined twins

See Twins

#### Connective tissue, diseases

aggressive fibromatosis: evaluation by gressive libromatosis: evaluation by computed tomography and angiography, Hudson TM; Vandergriend RA; Springfield DS; Hawkins IF Jr; Spanier SS; Enneking WF; Hamlin DJ, (Radiology), 150: 495, 1984

fibrodysplasia ossificans progressiva: CT appearance, Reinig JW; Hill SC; Fang M; Marini J; Zasloff MA, (Radiology), **159:** 153,

mediastinal lymphadenopathy and pulmonary arterial hypertension im mixed connective tissue disease, Guit GL; Shaw PC; Ehrlich J; Kroon HM; Oudkerk M, (Radiology), 154:

#### Connective tissue, inflammation See Cellulitis

Conn syndrome

See Adrenal gland, neoplasms

#### Contraceptives and contraceptive devices

Budd-Chiari syndrome associated with oral contraceptive steroids. review of treatment of 47 cases, Lewis JH; Tice HL; Zimmerman HJ, (Radiology), 151: 819, 1984

fallopian tube occlusion with silicone: radiographic appearance, Dan SJ; Goldstein MS, (Radiology), **151**: 603, 1984

female pelvic anatomy: MR assessment of variations during the menstrual cycle and with use of oral contraceptives, McCarthy 5; Tauber C; Gore J, (Radiology), 160: 119, 1986

focal hepatic infarction with bile lake formation, Peterson IM; Neumann CH, (AJR), 142: 1155, 1984

mammographic breast pattern and oral contraception, Leinster SJ; Whitehouse GH, (Br J Radiol), 59: 237, 1986

new observations in the sonographic evaluation of intrauterine contraceptive devices, Najarian KE; Kurtz AB, (J Ultrasound Med), 5: 205, 1986

partial uterine perforation (type 2) by a copper-T IUD: sonographic diagnosis and management, Abramovici H; Sorokin Y; Bornstein J; et al. (J Ultrasound Med), 4: 381,

silicone devices for tubal occlusion: radiographic description and evaluation, Fischer ME; Reed TP; Red DE, (Radiology),

ultrasonic monitoring under local anesthesia during removal of an embedded intrauterine contraceptive device, Reuter KL; Daly D, (JCU), 14: 68, 1986

ultrasonography and the intrauterine device, Cochrane WJ, (Clin Diagn Ultrasound), 15:

uterine perforation and embedding by intrauterine device: evaluation by US and hysterography, Rosenblatt R; Zakin D; Stern WZ; Kutcher R, (Radiology), 157: 765,

#### Contrast media

Sable RA; Rosenthal WS; Siegal J; et al, (Radiology), 151: 819, 1984

acute experimental cerebral ischemia: MR ute experimental cerebrai ischemia: MR
enhancement using Gd-DTPA,
McNamara MT; Brant-Zawadzki M; Berry I;
Pereira B; Weinstein PR; Derugin N;
Moore S; Kucharczyk W; Brasch RC,
(Radiology), 158: 701, 1986

advertising of contrast material: a developing problem, Siegle RL, (Radiology), 153: 261, 1984

bolus geometry and dynamics after onts geometry and dynamics anter intravenous contrast medium injection, Claussen CD; Banzer D; Pfretzschner C; Kalender WA; Schorner W, (Radiology), **153**:

365, 1984
carbon dioxide as a lighter-than-urine contrast medium for percutaneous nephrostomy, Hunter DW; Salomonowitz E; Castaneda-Zuniga WR; Young AT; Mercado S; Amplatz K, (Radiology), 152; 211, 1984 catalog of intravascular contrast media, Fischer HW, (Radiology), 159: 561, 1986 cerebral angiography with indexed.

cerebral angiography with iohexol. a multicentre clinical trial, Amundsen P; Dugstad G; Presthus J; et al, (Radiology), 150: 862, 1984

characteristics of gadolinium-DTPA complex: a potential NMR contrast agent, Weinmann H-J; Brasch RC; Press W-R; et al, (AJR), 142:

complement activation and generation of C<sub>3a</sub> anaphylatoxin by radiological contrast agents, Dawson P; Turner MW; Bradshaw A; et al, (Radiology), **151**: 261,

contrast administration and techniques of digital subtraction angiography performance, Saddekni S; Sos TA; Srur M; et al, (Radiol Clin North Am), 23: 275, 1985

contrast enhancement of magnetic resonance images by chromium EDTA: an experimental study, Runge VM; Foster MA; Clanton JA; Jones MM; Lukehart CM; Hutchison JMS; Mallard JR; Smith FW; Partain CL; James AE Jr, (Radiology), 152:

contrast media in urography, angiography and computerized tomography, Taenzer V; Zeitler E, eds, Reviewed by Ekholm SE, (Radiology), 151: 574, 1984

contrast media tonicity: part I. effects upon IV-DSA time-concentration curve peak and width: experimental studies, Burbank FH; Thompson WM, (Invest Radiol), 21: 240,

contrast medium precipitation during abdominal CT, Ball DS; Radecki PD; Friedman AC; Caroline DF; Mayer DP, (Radiology), **158**: 258, 1986

(Radiology), 186: 236, 196: 206. CT densities in delayed iodine hepatic scanning, Perkerson RB Jr; Erwin BC; Baumgartner BR; Phillips VM; Torres WE; Clements JL Jr; Gedgaudas-McClees RK; Bernardino ME, (Radiology), 155: 445, 1985

documentation of a new contrast medium for the subarachnoid space: demands, design and results from the first multicentre trial with iohexol, Gronnerod TA; Eldevik OP; Hindmarsh T; et al, (Radiology), 152: 856, 1984

endoscopic retrograde cholangiography with a balloon catheter: analysis of 100 consecutive cases, Yoshimoto H; Ikeda S; Tanaka M; Matsumoto S; Nakayama F, (Radiology), 159:

gadolinium-DTPA as a contrast agent in MRI: initial clinical experience in 20 patients, Carr DH; Brown ); Bydder GM; et al, (AJR), 143: 215, 1984

- gastrografin treatment of intestinal obstruction due to ascaris lumbricoides, Bar-Maor JA; de Carvalho JLAF; Chappell J, (Radiology), 153: 850, 1984
- Gd-DTPA contrast enhancement and tissue differentiation in MR imaging of experimental breast carcinoma, Revel D; Brasch RC; Paajanen H; Rosenau W; Grodd W; Engelstad B; Fox P; Winkelhake J, (Radiology), 158: 319, 1986
- hepatocellular carcinoma detected by iodized oil, Yumoto Y; Jinno K; Tokuyama K; Araki Y; Ishimitsu T; Maeda H; Konno T; Iwamoto S; Ohnishi K; Okuda K, (Radiology), 154: 19, 1985
- hydrogen peroxide contrast echocardiography, Gaffney FA; Lin J-C; Peshock RM; et al, (Radiology), **152**: 563, 1984
- incompatibility of Hexabrix and Papaverine, Pilla TJ; Beshany SE; Shields JB, (AJR), **146**: 1300, 1986
- infusion system for improved vascular opacification during CT, Zelenik ME; Mathis JM; McDaniel EC, (Radiology), **152**: 816.1984
- inhibition of platelet function by contrast media: iopamidol and ioxaglate versus iothalamate. work in progress, Rao AK, Rao VM; Willis J; Beckett C; Steiner RM, (Radiology), 156: 311, 1985
- iopamidol: new, nonionic contrast agent for excretory urography, Thompson WM; Foster WL Jr; Halvorsen RA; et al. (AJR), 142: 329, 1984
- iopromide: clinical experience with a new non-ionic contrast medium, Wolf K-J; Steidle B; Skutta T; et al, (Radiology), 150: 612, 1984
- liposomes loaded with contrast material for image enhancement in CT. work in progress, Ryan PJ; Davis MA; DeGaeta LR; Woda B; Melchior DL, (Radiology), **152**: 759, 1984
- liquid gold: low-osmolality contrast media, White RI Jr; Halden WJ Jr, (Radiology), **159**: 559, 1986
- method for ejecting cestodes: duodenal tube injection of gastrcgrafin, Oi H; Nakamura H; Nakabayashi T; et al, (AJR), 143: 111, 1984
- multiple sclerosis: gadolinium enhancement in MR imaging, Grossman RI; Gonzalez-Scarano F; Atlas SW; Galetta S; Silberberg DH, (Radiology), 161: 721, 1986
- paramagnetic macrocyclic complexes as contrast agents for MR imaging: proton nuclear relaxation rate enhancement in aqueous solution and in rat tissues, Jackels SC; Kroos BR; Hinson WH; Karstaedt N; Moran PR, (Radiology), 159: 525, 1986
- perfluorochemicals as liver- and spleenseeking ultrasound contrast agents, Mattrey RF; Leopold GR; vanSonnenberg E; et al, (Radiology), **151**: 560, 1984
- pitfall to modified in vivo method of technetium-99m red blood cell labeling. iodinated contrast media, Tatum JL; Burke TS; Hirsch JI; et al, (Radiology), 153: 282, 1984
- safer, more expensive iodinated contrast agents: how do we decide?, Wolf GL, (Radiology), **159**: 557, 1986
- simple pressure injector for contrast material, Rigler RG, (Radiology), 154: 248, 1985
- technique for simultaneous microangiographic and cytochemical investigation of resin-embedded tissues, van Dale P; Osteaux M; Penasse W; et al, (Invest Radiol), **21**: 714, 1986
- use of low osmolality water soluble (LOWS) contrast media in the pediatric gastrointestinal tract: report of 115 examinations, Ratcliffe JF, (Pediatr Radiol), 16: 47, 1986
- Contrast media, comparative studies
- clinical intravenous urography: comparative trial of ioxaglate and iopamidol, Loughran CF, (Radiology), **161**: 455, 1986
- clinical trial of iohexol vs. Conray 60 for cerebral angiography, Pelz DM; Fox AJ; Vinuela FV, (AJNR), 5: 565, 1984
- comparative safety of intracarotid iopamidol, iothalamate meglumine, and diatrizoate meglumine for cerebral angiography, Drayer BP; Velaj R; Bird R; et al, (Radiology), 155: 554, 1985
  - \* The author has retracted this publication.

- comparative study of iohexol and meglumine iothalamate in double-contrast knee arthrography, Belli A; Renton P; Stoker DJ, (Radiology), **155**: 549, 1985
- comparative study of two iodinated contrast media containing 20% iodine in lower-limb phlebography: ioxaglate versus a conventional product, Trigaux JP; de Fays R; de Fays F, (Radiology), 157: 568, 1985
- comparison between iohexol and metrizamide, two nonionic contrast media, in aortofemoral angiography, Whitehouse GH; Snowdon SL, (Radiology), 152: 844, 1984
- comparison of blood-brain barrier disruption following intracarotid metrizamide and methylglucamine iothalamate (conray 280), Sage MR; Wilcox J; Evill CA; et al, (Radiology), 150: 862, 1984
- comparison of hexabrix 320 with conray 420 for left ventriculography in patients with coronary artery disease, Lyons J; Brooks N; Cattell M; et al., (Radiology), **153**: 559, 1984
- comparison of Hexabrix and Renografin-60 in knee arthrography, Apple JS; Martinez S; Khoury MB; et al. (AJR), **145**: 139, 1985
- comparison of iohexol and conray-60 in peripheral angiography, Gordon IJ; Skoblar R5; Chicatelli PD; et al, (AJR), **142**: 563, 1984.
- comparison of iohexol with metrizamide in myelography, Sortland O; Nestvold K; Kloster R; Aandahl MH, (Radiology), **151**: 121.1984
- comparison of iopamidol with metrizamide in sub-occipital ventriculography/cisternography, Macpherson P; Teasdale E, (Radiology), **150** 292, 1984
- comparison of iopamidol with three other contrast media in orbital venography/cavernous sinography, Macpherson P, (Radiology), **150**: 293, 1984
- comparison of patient responses to high- and low-osmolality contrast agents injected intravenously, Bagg MNJ; Horwitz TA; Bester L, (AJR), 147: 185, 1986
- contrast agent induced thrombophlebitis following leg phlebography: iopamidol versus meglumine iothalamate, Thomas ML; Keeling FP; Piaggio RB; et al, (Radiology), 153: 564, 1984
- contrast agents for cardiac angiography: effects of a nonionic agent vs. a standard ionic agent, Bettmann MA; Bourdillon PD; Barry WH; Brush KA; Levin DC, (Radiology), 153: 583, 1984
- contrast, coagulation, and fibrinolysis, Dawson P; Hewitt P; Mackie IJ; et al, (Invest Radiol), **21**: 248, 1986
- contrast enhancement of brain tumors and irradiated normal brain: comparison of iohexol and iothalamate, Fike JR; Cann CE; Turowski K; et al, (Neuroradiol), 28: 61, 1986
- contrast media induced fibrillation: comparison of angiovist 370 and renografin 76. work in progress, Morris TW; Sahler LG; Whynot LK; Hayakawa K, (Radiology), **152**: 203, 1984
- contrast media tonicity: part II. isotonic ioxaglate vs. standard Renografin for IV-DSA evaluation of the carotid bifurcation, a double-blind prospective clinical trial, Burbank FH; Bradley BR; Yegnashankaran S; et al, (Invest Radiol), 21: 340, 1986
- double contrast arthrography of the knee: comparison between three contrast media, Laasonen EM; Lindholm A, (Radiology), 151: 820. 1984
- effects of intracarotid ionic and non-ionic contrast material on the blood-brain barrier in a rabbit model, Wilcox J; Evill CA; Sage MR, (Neuroradiol), 28: 271, 1986
- evaluation of myelographic contrast-medium tolerance with psychometric testing, Hammeke TA; Grogan JP; Haughton VM; et al, (AJNR), 6: 343, 1985
- excitative effects in anaesthetized rabbits from subarachnoidally injected iso- and hyperosmolar solutions of iohexol and metrizamide, Maly P; Almen T; Golman K; et al, (Radiology), 154: 279, 1985
- excretory urography with iohexol: evaluation in children, Magill HL; Clarke EA; Fitch SJ; Boulden TF; Ramirez R; Siegle RL; Somes GW, (Radiology), 161: 625, 1986

- experimental evaluation of various available contrast agents for use in the upper gastrointestinal tract in cases of suspected leakage. effects on lungs, Ginai AZ; ten Kate FJW; ten Berg RGM; et al., (Radiology), 155: 849, 1985
- \*extravascular lung water: effects of intravenous ionic and non-ionic (iopamidol) contrast media during ischemia, Slutsky RA; Strich G, (Radiology), 155: 11, 1985
- E-Z-CAT. an oral contrast medium for use in computed tomography of the abdomen, Nyman U; Dinnetz G; Andersson I, (Radiology), 154: 567, 1985
- facts about discomfort and pain with Iopamidol peripheral arteriography, Dotter CT; Rosch J; Erlandson M; Buschman RW; Ogilvie R, (Radiology), 155: 819, 1985
- Gastrografin versus dilute barium for colonic CT examination: blind, randomized study, Mitchell DG; Bjorgvinsson E; terMeulen D; et al., (JCAT), 9: 451, 1985
- herniography: comparison of morbidity and image quality after use of high and low osmolality contrast media, Ekberg O; Nilsson PE, (Invest Radiol), 21: 404, 1986
- hexabrix as a contrast agent for hysterosalpingography, Winfield AC; Maxson WS; Harding DR; Diggs J; Wentz AC, (Radiology), **152**: 232, 1984
- high- and low-osmolar contrast agents in urography: comparison of the appearances with respect to pyelotubular opacification and renal length, Whitehouse RW, (Clin Radiol), 37: 395, 1986
- intravenous urography with low-osmolality contrast agents: theoretical considerations and clinical findings, Dawson P; Heron C; Marshall J, (Radiology), 154: 271, 1985
- iohexal in urography, Lalli AF; Williams B; Maynard E, (Radiology), **150**: 856, 1984
- iohexol and diatrizoate: comparison in visceral arteriography, Adam A; Hemingway AP; Allison DJ, (Radiology), 155: 529, 1985
- iohexol versus metrizamide for lumbar myelography: double-blind trial, Gabrielsen TO; Gebarski SS; Knake JE; et al, (AJNR), 5: 181, 1984
- iopamidol and conray 60: comparison in superselective angiography, Schonfeld SM; Pinto RS; Schonfeld AR; Berenstein A; Kricheff II. (Radiology), 152: 809, 1984
- iopamidol and metrizamide for myelography: prospective double-blind clinical trial, Witwer G; Cacayorin ED; Bernstein AD; et al, (AJNR), 5: 403, 1984
- iopamidol and metrizamide for myelography: prospective double-blind clinical trial, Witwer G; Cacayorin ED; Bernstein AD; et al, (AJR), **143**: 869, 1984
- iopamidol compared with Conray in peripheral angiography, Wojciechowski J; Johansson R; Bjork L, (Radiology), **150**: 612, 1984
- iotrol versus metrizamide in lumbar myelography; double-blind study, Malnor MD; Houston LW; Strother CM; Turski PA; Sackett JF; Boyer M, (Radiology), 158: 845, 1986
- iron and gadolinium chelates as contrast agents in NMR imaging: preliminary studies, Carr DH; Brown J; Leung AW-L; et al, (Radiology), **154**: 858, 1985
- knee arthrography: effects of various contrast media and epinephrine on synovial fluid, Corbetti F. Malatesta V. Camposampiero A; Mazzi A; Punzi L; Angelini F; Vigo M; Todesco S, (Radiology), 161: 195, 1986
- lumbar myelography with iohexol and metrizamide: a comparative multicenter prospective study. Kieffer 5A; Binet EF; Davis DO; Gabrielsen TO; Kido DK; Latchaw RE; Turski PA; Shaw DD, (Radiology), 151: 665, 1984
- metrizamide and iothalamate meglumine in peripheral angiography in arterial insufficiency in the legs, Zackrisson BF; Johansson R; Bjork L; et al, (Radiology), 150: 612, 1984
- nephrotoxicity of contrast media assessed by occlusion arteriography, Lund G. Rysavy JA; Salomonowitz E; Cragg AH; Vlodaver Z; Bendel W; Castaneda-Zuniga WR; Amplatz K, (Radiology), **152**: 615, 1984

#### Contrast media, comparative studies

- Omnipaque vs. Hexabrix in intravenous DSA of the carotid arteries: randomized double-blind crossover study, Nakstad PH; Bakke SJ; Kjartansson O; et al, (AJNR), 7: 303, 1986
- optimal concentration of contrast medium for aortography and femoral arteriography: comparison of Hexabrix 320 and Hexabrix 250, Grainger RG, (Clin Radiol), 37: 281,
- oral contrast agents in CT of the abdomen, Garrett PR; Meshkov SL; Perlmutter GS, (Radiology), **153**: 545, 1984
- pediatric urography: comparison of metrizamide and methylglucamine diatrizoate, Robey G; Reilly BJ; Carusi PA; Nguyen KB, (Radiology), 150: 61, 1984
- penetration of subarachnoid contrast medium into rabbit spinal cord: comparison between metrizamide and iohexol, Holtas S; Morris TW; Ekholm SE; et al, (Invest Radiol), 21: 151, 1986
- quantitative evaluation of biliary x-ray contrast agents in computed tomography, Evill CA; Wilson BC; Benness GT, (Radiology), **154**: 567, 1985
- radiculography with non-ionic contrast medium: routine bed rest is unnecessary, Macpherson P; Teasdale E, (Radiology), **154**:
- relative uptake of low- and high-osmolality contrast media in CT of brain tumors, Fike JR; Cann CE; Norman D; et al, (AJNR), 5: 413, 1984
- renal angiography with iohexol and metrizoate, Tornquist C; Holtas S, (Radiology), **150**: 331, 1984
- renal toxicity of contrast agents: iopamidol, iothalamate, and diatrizoate, Gale ME; Robbins AH; Hamburger RJ; et al, (AJR), 142: 333, 1984
- shoulder arthrography: comparison of morbidity after use of various contrast media, Hall FM; Goldberg RP; Wyshak G; Kilcoyne RF, (Radiology), **154**: 339, **198**5
- temporomandibular joint arthrography: comparison of morbidity with ionic and low osmolality contrast media, Katzberg RW; Miller TL; Hayakawa K; Manzione JV; Tallents RH, (Radiology), 155: 245, 1985
- temporomandibular joint arthrography of normal subjects: prevalence of pain with ionic versus noninonic contrast agents, Kaplan P; Tu H; Lydiatt D; Sleder P; Williams S, (Radiology), 156: 825, 1985
- urography with a low osmolality contrast agent: comparison of Hexabrix with Conray 325, McClennan Bt, Ling D; Rholl KS; et al, (Invest Radiol), 21: 144, 1986
- use of a low-osmolality contrast medium in hysterosalpingography: comparison with a conventional contrast medium, Davies AC; Keightley A; Borthwick-Clarke A; et al, (Radiology), 158: 859, 1986

#### Contrast media, complications

- acute thrombocytopenia induced by parenteral radiographic contrast medium, Lacy J; Bober-Sorcinelli KE; Farber LR; et al, (AJR), 146: 1298, 1986
- complications of arthrography, Newberg AH; Munn CS; Robbins AH, (Radiology), **155**: 605, 1985
- complications of digital intravenous angiography: experience in 2488 cervicocranial examinations, Pinto RS, Manuell M; Kricheff II, (AJNR), 5: 553, 1984
- contrast extravasation through a gore-tex graft: a sequela of low-dose streptokinase therapy, Rosner NH; Doris PE, (AJR), 143: 633, 1984
- contrast media for angiography: effect on renal function, Cruz C; Hricak H; Samhouri F; Smith RF; Eyler WR; Levin NW, (Radiology), **158**: 109, 1986
- contrast media induced fibrillation: comparison of angiovist 370 and renografin 76. work in progress, Morris TW; Sahler LG; Whynot LK; Hayakawa K, (Radiology), **152**:
- CT recognition of thorotrast-induced intracranial and lumbar arachnoiditis, Kaplan AW; Teng SS; Koo AH, (AJNR), 5: 323, 1984
- delayed reactions to urographic contrast media, Panto PN; Davies P, (Br J Radiol), 59:
  - \* The author has retracted this publication

- fatal acute vasculitis after high-dose urography with iohexol, Goodfellow T; Holdstock GE; Brunton FJ; et al, (Br J Radiol), 59: 620, 1986
- fatal aspirations in infancy during gastrointestinal series, McAlister WH; Siegel MJ, (Radiology), **153**: 274, 1984
- fatal brain edema after contrast-agent overdose, Junck L; Marshall WH, (AJNR), 7: 522, 1986
- incidence of fibrillation with dilute contrast media for intra-arterial coronary digital subtraction angiography, Morris TW; Ventura J, (Invest Radiol), 21: 416, 1986
- kinin activation as a predictive assay for adverse reactions to radiographic contrast medium, Carr DH; Walker AC, (Radiology), 156: 270, 1985
- pancreatic mumps: transient reaction to IV contrast media (case report), St. Amour TE; McClennan BL; Glazer HS, (AJR), 147: 188,
- plasma catecholamines in pheochromocytoma: effect of urographic contrast media, Raisanen J; Shapiro B; Glazer GM; et al, (AJR), **143**: 43, 1984
- post-ERCP pancreatitis: association with urographic visualization during ERCP, Roszler MH; Campbell WL, (Radiology),
- prophylactic diazepam in prevention of contrast media-associated seizures in glioma patients undergoing cerebral computed tomography, Pagani JJ; Hayman LA; Bigelow RH; et al, (Radiology), 156: 278, 1985
- reactions to radiographic contrast media: attempt to detect specific anti-contrast medium antibodies in the sera of reactor patients, Walker AC; Carr DH, (Br J Radiol), 59: 531, 1986
- spinal myoclonus and clinical worsening after intravenous contrast medium in a patient with spinal arteriovenous malformation, Casazza M; Bracchi M; Girotti F, (AJNR), 6: 965, 1985
- Thorotrast-associated mucoepidermoid carcinoma of the liver, Lambrianides AI Askew AR; Lefevre I, (Br J Radiol), 59: 791, 1986
- Thorotrast-induced hepatosplenic neoplasia: CT identification, Levy DW; Rindsberg S; Friedman AC; et al, (AJR), **146**: 997, 1986

#### Contrast media, effects

- buoyancy of gallstones in varying concentrations of contrast media, Culp WC, (AJR), 143: 79, 1984
- comparison of patient responses to high-low-osmolality contrast agents injected intravenously, Bagg MNJ; Horwitz TA; Bester L, (AJR), 147: 185, 1986
- comparison of the effects of intravenous and direct left ventricular contrast injections on left ventricular function, Norris SL; Mancini GBJ; Slutsky RA; et al, (Radiology), 151: 818, 1984
- complement activation and generation of C3a anaphylatoxin by radiological contrast agents, Dawson P; Turner MW; Bradshaw A; et al, (Radiology), **151:** 261,
- 1704 contamination of contrast agents by rubber components of 50-ml disposable syringes, Hamilton G. (Radiology), 152: 539, 1984 contamination of contrast agents by rubber components of 50-ml disposable syringes: comments, Fischer HW, (Radiology), 152: 540, 1984
- contrast agent induced thrombophlebitis following leg phlebography: iopamidol versus meglumine iothalamate, Thomas ML; Keeling FP: Piaggio RB; et al, (Radiology), 153: 564, 1984
- contrast agents for cardiac angiography: effects of a nonionic agent vs. a standard ionic agent, Bettmann MA; Bourdillon PD; Barry WH; Brush KA; Levin DC, (Radiology), 153: 583, 1984
- contrast, coagulation, and fibrinolysis,
  Dawson P; Hewitt P; Mackie IJ; et al, (Invest Radiol), 21: 248, 1986
- contrast media for angiography: effect on renal function, Cruz C; Hricak H; Samhouri F; Smith RF; Eyler WR; Levin NW, (Radiology), 158: 109, 1986
- contrast media tonicity: part I. effects upon IV-DSA time-concentration curve peak and width: experimental studies, Burbank FH; Thompson WM, (Invest Radiol), 21: 240,

- cranial tissues: normal MR appearance after intravenous injection of Gd-DTPA, Kilgore DP; Breger RK; Daniels DL; Pojunas KW; Williams AL; Haughton VM, (Radiology), 160: 757, 1986
- effect of contrast media on red cell filtrability and morphology, Dawson P; Harrison JJG; Weisblatt E, (Radiology), **152**: 252, 1984
- effect of contrast media on the growth of bacteria, Dawson P; Becker A; Holton JM, (Radiology), **152**: 252, 1984
- effect of intravenous contrast material on the integrity of the blood-brain barrier: experimental study, Wilcox J; Sage MR; Evill CA, (AJNR), 5: 41, 1984
- effect of various contrast media on coagulation, fibrinolysis, and platelet function: in vitro and in vivo study, Stormorken H; Skalpe IO; Testart MC, (Invest Radiol), 21: 348, 1986
- effects of contrast media on cultured myocardial cells, Davis WL; Nelson JA; Barry WH, (Invest Radiol), 21: 626, 1986
- effects of contrast media on renal function and subcellular morphology in the dog, Katzberg RW; Pabico RC; Morris TW; et al, (Invest Radiol), **21**: 64, 1986
- eosinophilia caused by iodinated radiographic contrast media, Plavsic B; Kuzmanic D; Rotkvic I, (Radiology), **152**: 252, 1984
- \*extravascular lung water: effects of intravenous ionic and non-ionic (iopamidol) contrast media during ischemia, Slutsky RA; Strich G, (Radiology), 155: 11, 1985
- \*extravascular lung water: effects of using ionic contrast media at varying levels of left atrial pressure and during myocardial ischemia, Slutsky RA; Brown JJ; Strich G, (Radiology), 152: 575, 1984
- fatal complement-induced leukostasis after diatrizoate injection, principles of clinicopathologic diagnosis, Schneiderman DE; Hammerschmidt DE; McCall AR, (Radiology), **152**: 252, 1984
- impermeability of the blood-brain barrier to intravenous high-iodine-dose meglumine diatrizoate in the normal dog, Hayman LA; Pagani JJ; Serur JR; et al, (AJNR), 5: 409, 1984
- increased incidence of contrast medium reactions in children undergoing urography after accidents, Brinkmann H; Gunther M, (Radiology), 153: 274, 1984
- influence of contrast media on serum osmolarity, haematocrit and cardiac output. comparative study in dogs, Van Der Merwe PL; Basset A; Els D, (Radiology), 157: 568, 1985
- intracranial metrizamide following myelography, Llewellyn G; Gaudet L; Quartey GRC; et al, (Radiology), **155**: 554,
- iohexol lumbar myelography: clinical study, Holder JC; Binet EF; Kido DK; et al, (AJNR),
- iotrol versus metrizamide in lumbar myelography: double-blind study, Malnor MD; Houston LW; Strother CM; Turski PA; Sackett JF; Boyer M, (Radiology), 158: 845, 1986
- is viscosity important in the production of blood-brain barrier disruption by intracarotid contrast media?, Wilcox J; Sage MR, (Radiology), 156: 567, 1985
- myocardial ischemia during intravenous DSA in patients with cardiac disease, Hesselink JR; Hayman LA; Chung KJ; McGinnis BD; Davis KR; Taveras JM, (Radiology), 153: 577, 1984
- occlusive and reperfused myocardial infarcts: effect of Gd-DTPA on ECG-gated MR imaging, Tscholakoff D; Higgins CB; Sechtem U; McNamara MT, (Radiology), 160: 515, 1986
- pharmacokinetics, metabolism, and excretion of iopamidol in healthy subjects, McKinstry DN; Rommel AJ; Sugerman AA, (Radiology), 155: 549, 1985
- reactions to radiographic contrast media: attempt to detect specific anti-contrast medium antibodies in the sera of reactor patients, Walker AC; Carr DH, (Br J Radiol), 59: 531, 1986
- Renografin-60 for urography: effect on serum electrolytes and proteins in adults, Olutola PS; Hutton L; Karlik S; et al, (AJR), 147: 839, 1986

- selective targeting of anti-cancer drug and simultaneous image enhancement in solid tumors by arterially administered lipid contrast medium, Konno T; Maeda H; Iwai K; et al, (Radiology), 156: 269, 1985
- shoulder arthrography: comparison of morbidity after use of various contrast media, Hall FM; Goldberg RP; Wyshak G; Kilcoyne RF, (Radiology), **154**: 339, 1985
- systemic response to excretory urography. work in progress, Fischer HW; Katzberg RW; Morris TW; Spataro RF, (Radiology), 151: 31, 1984
- temporomandibular joint arthrography of normal subjects: prevalence of pain with ionic versus nonionic contrast agents, Kaplan P; Tu H; Lydiatt D; Sleder P; Williams S, (Radiology), **156**: 825, 1985
- tolerability of iohexol after injection into healthy volunteers, Levorstad K; Kolbenstvedt A; Kolmannskog F; et al, (Radiology), **152**: 252, 1984
- transient oxygen desaturation following radiographic contrast medium administration, Neagley SR; Vought MB; Weidner WA; et al, (Radiology), 161: 576,

#### Contrast media, toxicity

- adverse reactions to radiopharmaceuticals. United Kingdom, 1977–1983, Keeling DH, (Radiology), **156**: 857, 1985
- comparative neurotoxicity of angiographic contrast media, Velaj R; Drayer BP; Albright R; et al, (Radiology), **160**: 286, 1986
- contrast agent nephrotoxicity. an appraisal, Dawson P, (Radiology), 157: 568, 1985
- double blind study of the toxicity of intrathecal iopamidol and metrizamide in lumbar myelography, Vezina JL; Fox AJ, (Radiology), 155: 555, 1985
- effects of radiographic contrast media on monolayer cell cultures, Nordby A; Halgunset J; Haugen OA, (Invest Radiol), 21: 234, 1986
- first european seminar: contrast media in radiology. evaluation and perspective—a review, Thevenin P, (Radiology), 151: 268, review, 1984
- influence of contrast media on serum osmolarity, haematocrit and cardiac output. comparative study in dogs, Van Der Merwe PL; Basset A; Els D, (Radiology), 157: 568, 1985
- informed consent for intravenous contrast-enhanced radiography: a national survey of practice and opinion, Spring DB: Akin JR; Margulis AR, (Radiology), 152: 609, 1984
- nephrotoxicity of contrast media assessed by occlusion arteriography, Lund G; Rysavy JA; Salomonowitz E; Cragg AH; Vlodaver Z; Bendel W; Castaneda-Zuniga WR; Amplatz K, (Radiology), 152: 615, 1984
- nephrotoxicity of ionic and non-ionic contrast material in digital vascular imaging and selective renal arteriography, Khoury GA; Hopper JC; Varghese Z; et al, (Radiology), Hopper JC; Va 152: 251, 1984
- radiologists and informed-consent lawsuits, Spring DB; Tennenhouse DJ; Akin JR; Margulis AR, (Radiology), 156: 245, 1985
- renal angiography with iohexol and metrizoate, Tornquist C; Holtas S, (Radiology), **150**: 331, 1984
- renal toxicity of contrast agents: iopamidol, iothalamate, and diatrizoate, Gale ME; Robbins AH; Hamburger RJ; et al, (AJR), 142: 333, 1984
- Thorotrast-associated mucoepidermoid carcinoma of the liver, Lambrianides AL; Askew AR; Lefevre I, (Br J Radiol), 59: 791,
- Thorotrast-induced hepatosplenic neoplasia: CT identification, Levy DW; Rindsberg S; Friedman AC; et al, (AJR), **146**: 997, 1986

epiphyseal separation simulating pyarthrosis, secondary to copper deficiency, in an infant receiving total parenteral nutrition, Levy J; Berdon WE; Abramson SJ, (Radiology), 154: 853, 1985

#### Coronary angiography

See also Angiocardiography

- coronary arteriography: a practical approach, Abrams HL, ed, Reviewed by Tegtmeyer CJ, (Radiology), **151**: 364, 1984
- coronary artery steal: demonstration by digital coronary radiography, Bates ER; Vogel RA, (Radiology), **154**: 61, 1985
- (Radiology), 194: 61, 196: detection of multivessel disease after myocardial infarction usign intravenous stress digital subtraction angiography, Bellamy GR; Yiannikas J; Detrano R; Simpfendorfer C; Salcedo EE, (Radiology), 161: 685, 1986
- digital cardiac radiology, Newell JD II; Kelley MJ; Ovitt TW, (Radiol Clin North Am), 23: 261, 1985
- early evaluation of coronary artery grafts: CT or selective angiography, Wilson PC; Gutierrez O; Moss A, (Radiology), 154: 554,
- how to interpret coronary arteriograms, Kubicka RA; Smith C, (Radiographics), 6: £51, 1986
- left coronary arterial blood flow: noninvasive detection by Doppler US, Gramiak R; Holen J; Moss AJ; Gutierrez OH; Picone AL; Roe SA, (Radiology), 159: 657, 1986
- spasm of the aortocoronary venous graft, D'Souza VJ; Velasquez G; Kahl FR; Hackshaw BT; Amplatz K, (Radiology), **151**: 83, 1984
- visual versus computerized assessment of left ventricular function from cineangiography, Qureshi SA; Pridie RB; Parnell B; et al, (Radiology), 152: 250, 1984

#### Coronary angiography, complications

contrast media induced fibrillation: comparison of angiovist 370 and renografin 76. work in progress, Morris TW; Sahler LC; Whynot LK; Hayakawa K, (Radiology), 152: 203, 1984

Coronary angiography, contrast media clinical experience with ioxaglate (Hexabrix) in selective coronary arteriography, Gorcos T; David PR; Bonan R; et al, (Radiology), 157: 568, 1985

#### Coronary angiography, radionuclide

comparison of two-dimensional echocardiography with radionuclide angiography during dynamic exercise for the detection of coronary artery disease, Visser CA; van der Wieken RL; Kan G; et al, (Radiology), 152: 263, 1984

#### Coronary angiography, technology

- coronary artery steal: demonstration by digital coronary radiography, Bates ER; Vogel RA, (Radiology), 154: 61, 1985
- digital subtraction angiography of coronary grafts: optimization of technique, Guthaner DF; Wexler L; Bradley B, (AJR), 145: 1185, 1985
- selective coronary angiography using a power injector, Gardiner GA Jr; Meyerovitz MF; Boxt LM; et al, (AJR), **146**: 831, 1986

### Coronary sinus

See Sinuses, coronary

#### Coronary vessels

- coexistent carotid and coronary artery disease. surgical management, Emery RW; Cohn LH; Whittemore AD; et al, (Radiology), 151: 818,
- intracoronary administration of streptokinase in a canine model: disturbances in thromboxane A<sub>2</sub>-prostacyclin balance, Becker GJ; Kreipke DL; Holden RW; et al, (Invest Radiol), **21**: 206, 1986

#### Coronary vessels, abnormalities

- portal venous system measurements in portal hypertension, Lafortune M; Marleau D; Breton G; Viallet A; Lavoie P; Huet P-M, (Radiology), **151**: **27**, 1984
- two-dimensional echocardiographic differentiation of anomalous left coronary artery from congestive cardiomyopathy, Caldwell RL; Hurwitz RA; Girod DA; et al, (Radiology), **152**: 554, 1984

#### Coronary vessels, anatomy

ramus limbi dextri: demonstration by coronary angiography, Bowles CR; Daves ML, (Radiology), 155: 574, 1985

# Coronary vessels, calcification

- cardiac and great vessel calcifications in childhood, Bisset GS III, (Semin Roentgenol), **20**: 194, 1985
- gated cardiac tomographic visualization of coronary artery calcification, Markivee CR; Hoyt TS; Francis RA; Burns J; Ruark B, (Radiology), 152: 205, 1984

#### Coronary vessels, diseases

- analysis of cardiac diastolic function: application in coronary artery disease, Miller TR; Goldman KJ; Sampathkumaran KS; et al, (Radiology), 150: 302, 1984
- cardiac cinefluoroscopy as an inexpensive aid in the diagnosis of coronary artery disease, Detrano R; Salcedo EE; Hobbs RE; et al, (Radiology), 161: 860, 1986
- (Raulougy), 161: 300, 1700 cardiac function assessed by attenuation-corrected radionuclide pressure-volume indices, Maurer AH; Siegel JA; Blasius KM; Deneberg BS; Spann JF; Malmud LS, (Radiology), 156: 197, 1985 comparison of hexabrix 320 with contrav 420.
- comparison of hexabrix 320 with conray 420 for left ventriculography in patients with coronary artery disease, Lyons J; Brooks N; Cattell M; et al, (Radiology), 153: 559, 1984
- comparison of two-dimensional echocardiography with radionuclide angiography during dynamic exercise for the detection of coronary artery disease, Visser CA; van der Wieken RL; Kan G; et al, (Radiology), 152: 263, 1984
- effect of exercise position during stress testing on cardiac and pulmonary thallium kinetics and accuracy in evaluating coronary artery disease, Lear JL. (J Nucl Med), 27: 788, 1986
- influence of peak exercise heart rate on normal thallium-201 myocardial clearance, Kaul S; Chesler DA; Pohost GM; et al, (J Nucl Med), 27: 26, 1986
- long-term effects of cigarette smoking and moderate alcohol consumption on coronary artery diameter: mechanisms of coronary artery disease independent of atherosclerosis or thrombosis?, Fried LP; Moore RD; Pearson TA, (Radiology), 160: 286, 1986
- mitral E point septal separation: a reliable index of left ventricular performance in coronary artery disease, Ahmadpour H; Shah AA; Allen JW; et al, (Radiology), 151: 558, 1984
- nonvolumetric assessment of ventricular function by two-dimensional echocardiography in patients with coronary artery disease, Shea PM; Glover MU; Handler JB; et al., (Radiology), 152: 263, 1984 quantitative analysis of stress thallium-201
- myocardial scintigrams: multicenter trial, Van Train KF; Berman DS; Garcia EV; et al, (J Nucl Med), 27: 17, 1986
- role of exercise thallium-201 imaging in decision making, Iskandrian AS; Hakki A-H; Segal BL; et al, (Radiology), **161**: 575, 1986
- segal BL; et al. (Radiology), 161: 575, 1986 segmental coronary artery disease: detection by rotating slant-hole collimator tomography and planar thallium 201 myocardial scintigraphy, Starling MR; Dehmer GJ; Lancaster JL; Lasher JC; Walsh RA; Weiland FL; Uhl GS; Blumhardt R. (Radiology), 157: 781, 1985 smoking and coronary artery disease assessed
- smoking and coronary artery disease assessed by routine coronary arteriography, Ramsdale DR; Faragher EB; Bray CL; et al, (Radiology), 156: 561, 1985
- specification of regional wall motion abnormalities by phase analysis of radionuclide angiograms in coronary artery disease and non-coronary artery disease patients, Henze E; Tymiec A; Delagardelle C; et al, (J Nucl Med), 27: 781, 1986
- supine thallium 201 cardiac testing compared with treadmill testing, Lear JL, (Radiology), 156: 835, 1985
- thallium-201 myocardial imaging during coronary vasodilation induced by oral dipyridamole, Gould KL; Sorenson SG; Albro P; et al, (J Nucl Med), 27: 31, 1986

#### Coronary vessels, dissection

radiographic appearance of coronary artery dissection: a decision-making dilemma, Gutierrez FR; McKnight RC; Ludbrook PA; et al, (Radiology), 155: 270, 1985

#### Coronary vessels, flow dynamics

- assessing the adequacy of myocardial perfusion in man: anatomic and functional techniques, Miller SW; Boucher CA, (Radiol Clin North Am), 23: 589, 1985
- coronary artery steal: demonstration by digital coronary radiography, Bates ER; Vogel RA, (Radiology), **154**: 61, 1985
- resting kinetics of thallium-201 in patients with coronary artery disease, Iskandrian AS; Amenta A; Kane SA; et al, (Radiology), 155: 286, 1985

#### Coronary vessels, MR studies

multiplane magnetic resonance imaging of the heart and major vessels: studies in normal volunteers, Higgins CB; Stark DD; McNamara M; et al. (AJR), 142: 661, 1984

#### Coronary vessels, obstruction

See Coronary vessels, stenosis

#### Coronary vessels, spasm

coronary artery spasm causing myocardial infarction, Moses HW; Taylor GJ; Asali Z; et al, (Radiology), **150**: 287, 1984

coronary artery spasm: current concepts, Perlmutt LM; Levin DC; Barry W, (Invest Radiol), 21: 663, 1986

recurrent coronary artery spasm in the billowing mitral leaflet syndrome (primary mitral valve prolapse). a case report and review of the literature, Przybojewski JZ, (Radiology), 155: 271, 1985

#### Coronary vessels, stenosis

coronary angioplasty: comparison of direct measurement and subjective assessement of angiographic narrowing, Silverton NP, (Clin Radiol), 37: 127, 1986

(Clin Radiol), 37: 127, 1986 gold-195m first-pass radionuclide ventriculography, thallium-201 single-photon emission CT, and 12-lead ECG stress testing as a combined procedure, Kipper SL; Ashburn WL; Norris SL; Rimkus DS; Dillon WA, (Radiology), 156: 817, 1985

quantitative angiographic morphology of coronary stenoses leading to myocardial infarction or unstable angina, Wilson RF, Holida MD, White CW, (Radiology), 160:

restenosis after successful coronary angioplasty in patients with single-vessel disease, Leimgruber PP; Roubin GS; Hollman J; et al, (Radiology), **161:** 286, 1986

side branch occlusion complicating percutaneous transluminal coronary angioplasty, Boxt LM; Meyerovitz MF; Taus RH; Ganz P; Friedman PL; Levin DC, (Radiology), 161: 681, 1986

transluminal laser irradiation of coronary arteries in live dogs: angiographic and morphologic study of acute effects, Crea F; Abela GS; Fenech A; et al, (Radiology), **161**:

#### Coronary vessels, surgery

aortic dissection following coronary artery bypass surgery: diagnosis by CT, Archer AG; Choyke PL; Zeman RK; et al, (Cardiovasc Intervent Radiol), 9: 142, 1986

digital subtraction angiography of coronary grafts: optimization of technique, Guthaner DF; Wexler L; Bradley B, (AJR), 145: 1185, 1985

early evaluation of coronary artery grafts: CT or selective angiography, Wilson PC; Gutierrez O; Moss A, (Radiology), **154**: 554,

spasm of the aortocoronary venous graft, D'Souza VJ; Velasquez G; Kahl FR; Hackshaw BT; Amplatz K, (Radiology), **151**: 83, 1984

### Coronary vessels, transluminal angioplasty

changed learning curve for percutaneous transluminal coronary angioplasty. implication for the future treatment of coronary artery disease, Feit A; Reddy CVR; Khan R; et al, (Radiology), 156: 857, 1985

changes in cross-sectional area of the coronary lumen in the six months after angioplasty quantitative analysis of the variable response to percutaneous transluminal angioplasty, Johnson MR; Brayden GP; Ericksen EE; et al, (Radiology), 160: 574, 1986 coronary angioplasty: comparison of direct

measurement and subjective assessement of angiographic narrowing, Silverton NP, (Clin Radiol), 37: 127, 1986

echocardiographic evaluation of left ventricular function during coronary artery angioplasty, Alam M; Khaja F; Brymer J; et al. (Radiology), 161: 285, 1986

left anterior descending coronary artery: right ventricle fistula complicating percutaneous transluminal angioplasty, Meng RL; Harlan JL, (Radiology), 159: 575, 1986

percutaneous transluminal coronary angioplasty, Levin DC; Boxt LM; Meyerovitz MF, (Radiol Clin North Am), 23: 597, 1985

percutaneous transluminal coronary angioplasty in Australia, Mews GC, (Radiology), **154**: 850, 1985

percutaneous transluminal coronary angioplasty with an over-the-wire system, Levin DC; Ganz P; Friedman P; Abben R; Garnic JD; Boxt LM, (Radiology), 155: 323,

radiation doses and somatic risk to patients during cardiac radiological procedures, Faulkner K; Love HG; Sweeney JK; et al, (Br J Radiol), **59:** 359, 1986

restenosis after successful coronary

restenosis after successful coronary angioplasty in patients with single-vessel disease, Leimgruber PP, Roubin GS; Hollman J; et al, (Radiology), 161: 286, 1986 results of percutaneous transluminal coronary angioplasty by multiple relatively low frequency operators, Jacob AS; Pichard AD; Ohnmacht SD; et al, (Radiology), 160: 860, 1986

1986
side branch occlusion complicating
percutaneous transluminal coronary
angioplasty, Boxt LM; Meyerovitz MF;
Taus RH; Ganz P; Friedman PL; Levin DC,
(Radiology), 161: 681, 1986
sustained efficacy of percutaneous
transluminal coronary angioplasty, Berger E;
Williams DO; Reinert S; et al, (Radiology),
161: 285, 1986

thromboxane release during percutaneous transluminal coronary angioplasty, Peterson MB; Machaj V; Block PC; et al, (Radiology), 160: 860, 1986

Coronary vessels, varices diagnosis of giant varix of the coronary vein by pulsed-Doppler sonography, Huey H; Cooperberg PL; Bogoch A, (AJR), 143: 77, 1984

#### Cor pulmonale

cor pulmonale and facio-auricolo-vertebral sequence, Mealer WR; Fisher JC, (Radiology), 155: 854, 1985

#### Corpus callosum

brain connection: corpus callosum is larger in left-handers, Witelson SF, (Radiology), 158:

285, 1986

Corpus callosum, abnormalities
corpus callosum and limbic system:
neuroanatomic MR evaluation of
developmental anomalies, Atlas SW;
Zimmerman RA; Bilaniuk LT; Rorke L;
Hackney DB; Goldberg HI; Grossman RI,
(Radiology), 160: 355, 1986
corpus callosum and subcallosalperiventricular lesions in multiple sclerosis:
detection with MR, Simon JH; Holtas SL;
Schiffer RB; Rudick RA; Herndon RM;
Kido DK; Utz R, (Radiology), 160: 363, 1986
Marchiafava-Bignami disease: case studied by
CT and MR imaging, Clavier E; Thiebot 1;
Delangre T; et al, (Neuroradiol), 28: 376,
1986

normal, absent, and abnormal corpus callosum: sonographic findings, Babcock DS, (Radiology), **151**: 449, 1984

Corpus callosum, agenesis agenesis of the corpus callosum in the fetus: its evolution and significance, Comstock CH; Culp D; Gonzalez J; et al, (J Ultrasound Med), 4: 613, 1985

Med.), 4: 613, 1963 agenesis of the corpus callosum: magnetic resonance imaging, Davidson HD; Abraham R; Steiner RE, (Radiology), 155: 371, 1985

agenesis of the corpus callosum: sonographic features, Gebarski SS; Gebarski KS; Bowerman RA; Silver TM, (Radiology), **151**:

443, 1984
corpus callosum and limbic system:
neuroanatomic MR evaluation of
developmental anomalies, Atlas SW;
Zimmerman RA; Bilaniuk LT; Rorke L;
Hackney DB; Goldberg HI; Grossman RI,
(Radiology), 160: 355, 1986
MRI of corpus callosal syndromes, Curnes JT;
Laster DW; Koubek TD; et al. (AJNR), 7: 617,
1986

sonographic appearance of callosal agenesis: correlation with radiologic and pathologic findings, Hernanz-Schulman M: Dohan FC Jr; Jones TB; et al, (AJNR), 6: 361, 1985

sonographic recognition of agenesis of the corpus callosum, Atlas SW; Shkolnik A; Naidich TP, (AJNR), **6:** 369, 1985

#### Corpus cavernosum

orpus cavernosum
assessment of impotence with
cavernosography, Friedenberg RM,
(Radiology), 161: 842, 1986
cavernosography in conjunction with artificial
erection for evaluation of venous leakage in
impotent men, Malhotra CM; Balko A;
Wincze JP; Bansal S; Susset JG, (Radiology),
161: 799, 1986

erectile dysfunction caused by venous leakage: treatment with detachable balloons and coils, Courtheoux P; Maiza D; Henriet J-P; Vaislic CD; Evrard C; Theron J, (Radiology), 161: 807, 1986

impotence: evaluation with cavernosography, Delcour C; Wespes E; Vandenbosch G; Schulman CC; Struyven J, (Radiology), 161:

partial priapism: role of CT in its diagnosis, Burkhalter JL; Morano JU, (Radiology), 156: 159, 1985

#### Cost effectiveness

ost effectiveness abdominal lesions: prospective study of clinical efficacy of percutaneous fine-needle biopsy, Bret PM; Fond A; Casola G; Bretagnolle M; Germain-Lacour MJ; Bret P; Labadie M; Buffard P, (Radiology), 159: 345,

barium enema scout film: cost effectiveness and clinical efficacy, Schwab FJ; Glick SN; Teplick SK; Adler LP, (Radiology), 160: 619, 1986

radioisotope scans in renal cell carcinoma, Lindner A; Goldman DG; deKernion JB, (Radiology), 151: 562, 1984

(Radiology), 151: 562, 1984
mammographic screening: how to operate
successfully at low cost, Sickles EA;
Weber WN; Galvin HB; Ominsky SH;
Sollitto RA, (Radiology), 160: 95, 1986
mammographic screening: how to operate
successfully at low cost, Evens RG,
(Radiology), 161: 850, 1986

mammographic screening; how to operate successfully at low cost: reply, Sickles EA; Weber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), 161: 850, 1986

mammographic screening: how to operate successfully at low cost, Hall FM, (Radiology), **161**: 851, 1986

mammographic screening: how to operate successfully at low cost: reply, Sickles EA; Webber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), 161: 851, 1986

outpatient lumbar myelography with metrizamide, Kostiner AI; Krook PM, (Radiology), **155**: 383, 1985

(Naturology), 155: 383, 1985 outpatient metrizamide myelography: prospective evaluation of safety and cost effectiveness, Badami JP; Baker RA; Scholz FJ; McLaughlin M, (Radiology), 158: 175, 1986

radiology department management system: technologists' costs, McNeil BJ; Sapienza A; Van Gerpen J; Sheriff CR; Gillis AE; Sack DJ; Komaroff AL, (Radiology), 156: 57, 1985

radiology department management system: technologists' costs, Janower ML, (Radiology), **159**: 566, 1986

radiology department management system: technologists' costs: reply, McNeil BJ, (Radiology), 159: 566, 1986

#### Cowper gland

Cowper's gland calcification: a new radiographic finding, White JM; Amis ES Jr; Cronan JJ, (Radiology), 150: 856, 1984

#### Craniopharyngioma

antenatal ultrasound diagnosis of an intracranial neoplasm (craniopharyngioma), Snyder JR; Lustig-Gillman I; Milio L; et al, (JCU), 14: 304, 1986

craniopharyngioma with erosion and drainage into the nasopharynx: autobiographical case report, Maier HC, (Radiology), 157: 854, 1985

CT changes in the septum pellucidum associated with intraventricular craniopharyngiomas, Lanzieri CF; Sacher M; Som PM, (JCAT), 9: 507, 1985

sellar and juxtasellar lesion detection with MR, Lee BCP; Deck MDF, (Radiology), **157**: 143, 1985

#### Cranium See Skull

#### Crohn disease

See Intestines, diseases

#### Cronkhite-Canada syndrome

complete remission in Cronkhite-Canada syndrome, Russell DM; Bhathal PS; St. John DJB, (Radiology), 151: 544, 1984 erosive arthritis in Cronkhite-Canada syndrome, Sanders KM; Resnik CS; Owen DS, (Radiology), 156: 309, 1985

pseudomembranous croup, Henry RL; Mellis CM; Benjamin B, (Radiology), 151:

Cryosurgery

monitoring hepatic cryosurgery with sonography, Onik G; Kane R; Steele G; et al, (AJR), 147: 665, 1986

sonographic monitoring of hepatic cryosurgery in an experimental animal model, Onik G; Gilbert J; Hoddick WK; et al, (AJR), 144: 1043, 1985

Cryptococcosis

central nervous system disease in acquired immunodeficiency syndrome: prospective correlation using CT, MR imaging, and pathologic studies, Post MJD; Sheldon JJ; Hensley GT; Soila KP; Tobias JA; Chan JC; Quencer RM; Moskowitz LB, (Radiology), 158: 141, 1986

cerebral torulosis: clinical features and correlation with computed tomography, Daunt N; Jayasinge LSJ, (Radiology), 158: 860, 1986

CT of multiple intracranial cryptococcoma, Arrington JA; Murtagh FR; Martinez CR; et al, (AJNR), 5: 472, 1984

esophageal cryptococcosis in a patient with the hyperimmunoglobulin E-recurrent infection (Job's) syndrome, Jacobs DH; Macher AM; Handler R; et al, (Radiology), **156**: 561, 1985

thoracic cryptococcosis: immunologic competence and radiologic appearance, Khoury MB; Godwin JD; Ravin CE; et al, (AJR), 142: 893, 1984

Cryptophthalmos syndrome

cryptophthalmos syndrome, Levine RS; Powers T; Rosenberg HK; et al, (AJR), **143**: 375, 1984

**Cushing syndrome** 

basilar venous plexus of the posterior fossa: potential source of error in petrosal sinus sampling, Doppman JL, Krudy AG; Girton ME; Oldfield EH, (Radiology), 155: 375, 1985

573, 1963 endogenous Cushing's syndrome complicated by pneumocystis carinii pneumonia, Fulkerson WJ; Newman JH, (Radiology), 152: 249, 1984

fat deposition in the cavernous sinus in Cushing disease, Bachow TB; Hesselink JR; Aaron JO; Davis KR; Taveras JM, (Radiology), 153: 135, 1984

hypoadrenia following adrenal venography in Cushing's disease, Goth M; Szilagyi G; Irsy G; et al, (Radiology), 153: 271, 1984

petrosal sinus sampling for Cushing syndrome: anatomical and technical considerations, Doppman JL; Oldfield EH; Krudy AG; Chrousos GP; Schulte HM; Schaaf M; Loriaux DL, (Radiology), 150: 99, 1984

pituitary and adrenal CT of Cushing syndrome, Pojunas KW; Daniels DL; Williams AL; et al, (AJNR), 7: 271, 1986

pituitary and adrenal CT of Cushing syndrome, Pojunas KW; Daniels DL; Williams AL; et al, (AJR), 146: 1235, 1986

Cyst

intrauterine cystocentesis: simple procedure to relieve anatomic and physiologic dysfunction in the fetus, Woo JSK; Li DFH; Wan MCW; et al, (JCU), 14: 474, 1986

meningioma cysts, Worthington C; Caron J-L; Melanson D; et al, (Radiology), **161**: 863, 1986

plunging ranula: CT diagnosis, Charnoff SK; Carter BL, (Radiology), 158: 467, 1986

spontaneous radiographic resolution of malignant and benign cysts, Shin MS; Ho K-J, (CT), **10**: 99, 1986

Cyst, percutaneous drainage

hepatic echinococcal cyst: successful percutaneous drainage, Mueller PR; Dawson SL; Ferrucci JT Jr; Nardi GL, (Radiology), **155**: 627, 1985

hepatic echinococcal cyst: successful percutaneous drainage, Morris DL, (Radiology), 159: 567, 1986

hepatic echinococal cyst: successful percutaneous drainage: reply, Mueller PR, (Radiology), **159**: 567, 1986

lymphoceles: imaging characteristics and percutaneous management, vanSonnenberg E; Wittich GR; Casola G; Wing VW; Halasz NA; Lee AS; Withers C, (Radiology), 161: 593, 1986

obstructive jaundice secondary to benign hepatic cyst, Clinkscales NB; Trigg LP; Poklepovic J, (Radiology), 154: 643, 1985 palliative punctures in polycystic liver and kidney disease under sonographic monitoring, Brockmann WP; Klapdor R, (Radiology), **158**: 566, 1986

Golding SJ; Husband JE, (Radiology), 156: 270, 1985

Cysticercosis

See also Parasites

computed tomographic spectrum of cerebral cysticercosis, Byrd SE; Daryabagi J; Thompson R; et al, (Radiology), 157: 855, 1985

computed tomography in neurocysticercosis, Minguetti G; Ferreira MVC, (Radiology), 152: 258, 1984

CT myelography in spinal cysticercosis, Zee C-S; Segall HD; Ahmadi J; et al, (JCAT), **10**: 195, 1986

intraventricular cysticercal cysts: further neuroradiologic observations and neurosurgical implications, Zee C-5; Segall HD; Apuzzo MLJ; et al, (AJNR), 5: 727, 1984

method for ejecting cestodes: duodenal tube injection of gastrografin, Oi H; Nakamura H; Nakabayashi T; et al, (AJR), 143: 111, 1984

mobile myelographic filling defects: spinal cysticercosis, Savoiardo M; Cimino C; Passerini A, et al, (Neuroradiol), 28: 166, 1986

MR imaging of intracranial cysticercosis: comparison with CT and anatomopathologic features, Suss RA; Maravilla KR; Thompson J, (AJNR), 7: 235, 1986

Cystic fibrosis

See Fibrosis, cystic

Cystitis

catheter-induced cystitis: evaluation by cystosonography, Abu-Yousef MM; Narayana AS; Brown RC, (Radiology), 151: 471, 1984

haemorrhagic cystitis emphysematosa, Wilson CF, (Radiology), 158: 569, 1986 sonography of emphysematous cystitis, Kauzlaric D; Barmeir E, (J Ultrasound Med), 4: 319, 1985

varied sonographic manifestations of cystitis, Gooding GAW, (J Ultrasound Med), 5: 61, 1986

Cystourethrography See Bladder, radiography

D

Dacryocystography
See Lacrimal gland and duct, radiography
Dandy-Walker syndrome
See Brain, abnormalities

Deafness

congenital middle-ear deafness: CT study, Swartz JD; Glazer AU; Faerber EN; Capitanio MA; Popky GL, (Radiology), **159**: 187, 1986

familial mixed deafness with branchial arch defects (earpits-deafness syndrome, Slack RWT; Phelps PD, (Radiology), 160: 286, 1986

Klippert-Feil syndrome with conductive deafness and histological findings of removed stapes, Sakai M; Miyake H; Shinkawa A; et al, (Radiology), 150: 294, 1984

microangiopathic syndrome of encephalopathy, hearing loss, and retinal arteriolar occlusions, Monteiro MLR; Swanson RA; Coppeto JR; et al, (Radiology), 159: 822, 1986

139: 622, 1900 X-linked progressive mixed deafness with perilymphatic gusher during stapes surgery, Cremers WRJ; Hombergen CCHI; Scaf JJ; et al. (Radiology), 158: 573, 1986

Decision theory

ecision theory
selection criteria for upper gastrointestinal
examinations: attempts at improvement,
McNeil BJ; Wijesinha A; Bynum TE;
Greenes RA; Berenberg A; Van Houten FX;
Ratnofsky S; Millan D; Abrams HL,
(Radiology), 150: 311, 1984

Defecography defecography, Ekberg O; Nylander G; Fork F-T, (Radiology), 155: 45, 1985

eglutition disorders anterolateral extrapharyngeal approach for cervical osteophyte induced dysphagia, Sobol SM; Rigual NR, (Radiology), 156: 280, comparison of endoscopy and barium swallow with marshmallow in dysphagia, Somers 5; Stevenson GW; Thompson G, (J Canad Assoc Radiol), 37: 73, 1986

cricopharyngeal ring; case report, Cumming WA; Akhtar M; Ferentzi C; et al, (Pediatr Radiol), **16**: 152, 1986

dysphagia and Forestier's disease, Deutsch EC; Schild JA; Mafee MF, (Radiology), **159**: 574, 1986

dysphagia due to simultaneous laryngocele and Zenker's diverticulum, Birt BD, (Radiology), **157**: 858, 1985

dysphagia in patients with gastric cancer and a normal esophagram, Halpert RD; Spickler EM; Feczko PJ, (Radiology), **154**: 589, 1985

epiglottic dysfunction during deglutition in patients with dysphagia, Ekberg O, (Radiology), 151: 268, 1984

lower esophageal rings as a cause of dysphasia in progressive systemic sclerosis—coincidence or consequence?, Lovy MR, Levine J, Steigerwald JC, (Radiology), 151: 818, 1984

radiographic and endoscopic sensitivity in detecting lower esophageal mucosal ring, Ott DJ; Chen YM; Wu WC; et al, (AJR), 147: 261, 1986

radiologic and manometric correlation in "nutcracker esophagus", Ott DJ; Richter JE; Wu WC; et al, (AJR), 147: 693, 1986

solid bolus transit by esophageal scintigraphy in patients with dysphagia and normal manometry and radiography, Kjellen G; Svedberg JB; Tibbling L, (Radiology), 152: 869, 1984

two cases of dysphagia due to cervical spine osteophytes successfully treated surgically, Yee C; Wong HY; Fewer HD; et al, (Radiology), 157: 565, 1985

Dementia

Alzheimer's disease: focal cortical changes shown by positron emission tomography, Foster NL; Chase TN; Fedio P; et al, (Radiology), **151**: 551, 1984

Alzheimer's disease in Down's syndrome: clinicopathologic studies, Wisniewski KE; Dalton AJ; McLachlan DRC; et al, (Radiology), 159: 573, 1986

application of iodine-123-labeled isopropylamphetamine imaging to the study of dementia, Sharp PF; Gemmell HG; Cherryman G; et al, (J Nucl Med), 27: 761, 1986

brain imaging: aging and dementia, Cutler NR; Duara R; Creasey H; et al, (Radiology), **154**: 277, 1985

central auditory function in Alzheimer's disease, Grimes AM; Grady CL; Foster NL; et al, (Radiology), **158**: 572, 1986

cerebral amyloid angiopathy as a cause of multiple intracerebral hemorrhages, Gilles C; Brucher JM; Khoubesserian P; et al, (Radiology), 154: 564, 1985

cerebral MR and CT imaging in Creutzfeldt-Jakob disease, Kovanen J; Erkinjuntti T; Iivanainen M; et al, (JCAT), 9: 125, 1985

cerebrospinal fluid trace element content in dementia: clinical, radiologic, and pathologic correlations, Hershey CO; Hershey LA; Varnes A; et al, (Radiology), 152: 557, 1984

CT changes in dementing diseases: review, LeMay M, (AJNR), 7: 841, 1986

diagnosis of Alzheimer's disease and multiple infarct dementia by tomographic imaging of iodine-123 IMP, Cohen MB; Graham LS; Lake R; et al, (J Nucl Med), 27: 769, 1986

imaging local brain function with emission computed tomography, Kuhl DE, (Radiology), 150: 625, 1984

MR imaging of the aging brain: patchy whitematter lesions and dementia, Brant-Zawadzki M; Fein G; Van Dyke C; et al, (AJNR), 6: 675, 1985

perfusion and receptor SPECT in the dementias—George Taplin Memorial Lecture, Holman BL, (J Nucl Med), 27: 855, 1986

rates of decrease of cerebral blood flow in progressive dementias, Barclay L; Zemcov A; Blass JP; et al, (Radiology), **157**: 855, 1985

SPECT study of regional cerebral blood flow in Alzheimer disease, Bonte FJ; Ross ED; Chehabi HH; et al, (JCAT), 10: 579, 1986 statistical assessment of perceptual CT scan ratings in patients with Alzheimer type dementia, LeMay M; Stafford JL; Sandor T; et al, (JCAT), 10: 802, 1986

Demyelinating disease

See Nervous system, diseases DeQuervain disease

See Tendons

**Dermatitis** 

hepatic falciform artery: anatomy angiographic appearance, and clinical significance, Williams DM; Cho KJ; Ensminger WD; Ziessman HA; Gyves JW, (Radiology), **156**: 339, 1985

Dermatomyositis

patterns of calcification in childhood dermatomyositis, Blane CE; White SJ; Braunstein EM; et al, (AJR), 142: 397, 1984

cystic ovarian teratomas: sonographic appearance of the dermoid plug, Quinn SF; Erickson S; Black WC, (Radiology), 155: 477,

dermoid of the petrous apex, Behnke EE; Schindler RA, (Radiology), 155: 281, 1985

MR imaging of ruptured intracranial dermoid, Hahn FJ; Ong E; McComb RD; et al, (JCAT), 10: 888, 1986

ovarian dermoid cyst complicated by an entero-ovarian fistula, Shiels WE; Dueno F; Hernandez E, (Radiology), **160**: 443, 1986

sonographic appearances of the wall of ovarian dermoid cysts, Nicolet V; Ethier S; Lamarre L, (Radiology), 156: 283, 1985

case report 358, Crisi G; Calo M; Mauri C, (Skeletal Radiol), 15: 247, 1986 desmoid tumor of the neck: CT and

angiographic findings, Yang WC; Shah V; Nussbaum M; et al, (AJNR), 5: 478, 1984

desmoid tumors in Gardner syndrome: use of computed tomography, Magid D; Fishman EK; Jones B; et al, (AJR), 142: 1141,

intrathoracic desmoid tumor in a child, Krause LM; Schey WL; Bassuk A; et al, (Radiology), **156**: 274, 1985

magnetic resonance characteristics of an abdominal desmoid tumor, Hamlin DJ; Paige R; Pettersson H; et al, (Comput Radiol), 10: 11, 1986

role of brachytherapy in the management of desmoid tumors, Assad WA; Nori D; Hilaris BS; et al, (Int J Radiat Oncol Biol Phys), 12: 901, 1986

Diabetes insipidus

CT diagnosis of oil-induced granuloma secondary to diabetes insipidus therapy, Munk PL; Muller NL, (JCAT), 9: 1147, 1985

systemic cancer presenting as diabetes insipidus: clinical and radiographic features in 11 patients with a review of metastatic-induced diabetes insipidus, Kimmel DW; O'Neill BP, (Radiology), 152: 844, 1984

Diabetes mellitus

abnormal body fat distribution detected by computed tomography in diabetic men, Shuman WP; Morris LLN; Leonetti DL; et al, (Invest Radiol), 21: 483, 1986

amputation stumps studied by bone scanning, work in progress, Gonzalez AC; Macon PF; Sankey RR; Tarcan Y, (Radiology), 151: 225,

bones and joints in diabetes mellitus. vol. 4 in series in radiology, Forgacs S, Reviewed by Gondos B, (Radiology), 150: 326, 1984

breast arterial calcification in association with diabetes mellitus: weak correlation, Sickles EA; Galvin HB, (Radiology), 155: 577,

case of the season, Milton T, (Semin Roentgenol), 20: 5, 1985

chronic ear discharge in an elderly diabetic man, Piwnica-Worms D; Forman A; Tumeh SS, (Invest Radiol), 21: 584, 1986

diabetes mellitus: the predominant cause of bilateral renal enlargement, Segel MC; Lecky JW; Slasky BS, (Radiology), 153: 341,

diabetic megacolon—a rare late complication, Heer M; Pirovino M; Buhler H; et al, (Radiology), **150**: 611, 1984

femoral hypoplasia. unusual facies syndrome in infants with diabetic mothers, Johnson JP; Carey JC; Gooch WM III; et al, (Radiology), 150: 860, 1984

gallbladder function in diabetic patients, Shreiner DP; Sarva RP; Van Thiel D; et al, (J Nucl Med), **27**: 357, 1986

gastric emptying in patients with diabetes mellitus, Loo FD; Palmer DW; Soergel KH; et al, (Radiology), 154: 270, 1985 holoprosencephaly in infants of diabetic mothers, Barr M Ir; Hanson JW; Currey K; et al, (Radiology), 150: 289, 1984

immersion A- and B-scan ultrasonography, its use in preoperative evaluation of diabetic vitreous hemorrhage, Jalkh AE; Avila MP; El-Markabi H; et al. (Radiology), 154: 280,

newly recognized profile in neonatal lung disease with maternal diabetes, Duara S; Spackman TJ; Boutwell WC; et al, (AJR), 144: 529, 1985

percutaneous transluminal angioplasty in diabetic patients: an effective treatment modality, Ford KK; Braun SD; Moore ÁV Jr; et al, (Radiology), 155: 852,

1985
prevalence of diabetes mellitus among
patients with subarachnoid hemorrhage,
Adams HP; Putnam SF; Kassell NF; et al,
(Radiology), 155: 855, 1985
radionuclide detection of blood-retinal barrier
disruption in diabetes mellitus,
Freeman ML; Barnes WE; Eastman G; et al,
(Semin Nucl Med), 14: 16, 1984

(Semin Nucl Med.) 18: 16, 1504 sonography of the sole of the foot: evidence for loss of foot pad thickness in diabetes and its relationship to ulceration of the foot, Gooding GAW; Stess RM; Graf PM; et al, (Invest Radiol), 21: 45, 1986

Diabetes mellitus, complications effect of metoclopramide on gastric liquid emptying in patients with diabetic gastroparesis, Schade RR; Dugas MC; Lhotsky DM; et al, (Radiology), **156**: 265,

femur length/abdominal circumference ratio: poor predictor of macrosomic fetuses in diabetic mothers, Benson CB; Doubilet PM; Saltzman DH; et al, (J Ultrasound Med), 5: 141, 1986

need for arteriography in diabetic patients with gangrene and palpable foot pulses, Andros G; Harris RW; Dulawa LB; et al, (Radiology), 156: 269, 1985

neurologic complications in diabetics after metrizamide lumbar myelography, Steiner E; Simon JH; Ekholm SE; et al, (AJNR), 7: 323, 1986

urinoma complicating papillary necrosis in diabetes, Dennis MS; Hayes M, (Radiology), 156: 267, 1985

Diagnostic radiology See also Radiography; Radiology and radiologists

alumni perceptions of adequacy of training in diagnostic radiology, Rubin SA; Meier RS; Schreiber MH, (Invest Radiol), 21: 492, 1986 ssessment centres for diagnostic radiological equipment, (Radiology), (Radiology), **156**: 596, 1985

computer-aided diagnostic strategy selection, Greenes RA, (Radiol Clin North Am), **24**: 105, 1986

fundamentals of radiology. 3d ed., Squire LF, Reviewed by Klein A, (Radiology), **153**: 384,

information integration for the imaging specialist, Shannon RH, (Radiol Clin North Am), 24: 121, 1986

Ami), 24: 121, 1966 introduction to diagnostic imaging, Meschan I; Ott DJ, Reviewed by Wandtke JC, (Radiology), 153: 340, 1984 markers for implanted devices: need for standardization, Scott WW Jr; Wheeler PS; Mitchell SE, (AJR), 146: 387, 1986

methodologic considerations in comparing imaging methods, Gelfand DW; Ott DJ, (AJR), 144: 1117, 1985

notice from the Department of Health and Human Services, Arcarese JS, (Radiology), 152: 730, 1984

orthopaedic positioning in diagnostic radiology, Bernau A; Berquist TH, Reviewed by Redmond C, (Radiology), **153**: 348, 1984

outpatient angiography and interventional radiology: safety and cost benefits, Adams PS Jr; Roub LW, (Radiology), 151: 81,

1994 selection criteria for upper gastrointestinal examinations: attempts at improvement, McNeil Bj. Wijesinha A; Bynum TE; Greenes RA; Berenberg A; Van Houten FX; Ratnofsky S; Millan D; Abrams HL, (Radiology), 150: 311, 1984

statistical modelling and diagnostic aids, Morton BA; Teather D; du Boulay GH, (Radiology), 155: 864, 1985

use of medical radiographs: extent of variation and associated active bone marrow doses, McNeil BJ; Tihansky DP; Wennberg JE, (Radiology), 156: 51, 1985

Diagnostic radiology, observer performance

casualty x-ray reporting: student survey, Robson N; van Benthem PP; Gan R; et al, (Radiology), 158: 863, 1986

conspicuity and uncertainty in radiographic detection of lesions, Revesz G, (Radiology), 154: 625, 1985

digital and conventional chest images: observer performance with film digital radiography system, Goodman LR; Foley WD; Wilson CR: Rimm AA; Lawson TL, (Radiology), 158: 27, 1986

digital and conventional chest imaging: modified ROC study of observer performance using simulated nodules, Chakraborty DP; Breatnach ES; Yester MV; Soto B; Barnes GT; Fraser RG, (Radiology),

digital projection radiography of the chest, Kundel HL, (Radiology), 158: 274, 1986

digital radiography of subtle pulmonary abnormalities: ROC study of the effect of pixel size on observer performance, MacMahon H; Vyborny CJ; Metz CE; Doi K; Sabeti V; Solomon SL, (Radiology), 158: 21,

interobserver discrepancies in distance measurements from lumbar spine CT scans, Beers GJ; Carter AP; Leiter BE; et al, (AJNR), 5: 787, 1984

interobserver variation in the radiographic diagnosis of duodenal ulcer disease, Gjorup T; Nielsen H; Jensen LB; et al, (Acta Radiol [Diagn]), 27: 41, 1986

measurement and prediction of diagnostic performance during radiology training, Berbaum KS; Smoker WRK; Smith WL, (AJR), 145: 1305, 1985

observer variation in the detection of osteopenia, Epstein DM; Dalinka MK; Kaplan FS; et al, (Skeletal Radiol), **15**: 347, 1986

ROC and contrast detail image evaluation tests compared, Kelsey CA; Moseley RD Jr; Garcia JF; Mettler FA Jr; Parker TW; Juhl JH, (Radiology), 154: 629, 1985

ROC methodology in radiologic imaging, Metz CE, (Invest Radiol), 21: 720, 1986

spatial perception testing in diagnostic radiology, Smoker WRK; Berbaum KS; Luebke NH; et al, (AJR), 143: 1105, 1984

spatial resolution requirements for digital chest radiographs: ROC study of observer performance in selected cases, Lams PM; Cocklin ML, (Radiology), 158: 11, 1986

tentative diagnoses facilitate the detection of diverse lesions in chest radiographs, Berbaum KS; Franken EA Jr; Dorfman DD; et al. (Invest Radiol), 21: 532,

Diagnostic radiology, protective and therapeutic agents and devices

cerebral angiography: a device to reduce exposure to the eye lens, Chakeres DW; Wiatrowski W, (Radiology), **152**: 534, 1984

Diagnostic radiology, quality assurance

dose and quality control (DQC) in diagnostic radiology, Holloway AF; Taylor KW; Hobbs BB, (Radiology), **155**: **274**, 1985

radiographic film fog in the darkroom, Suleiman OH; Showalter CK; Gross RE; Bunge RE, (Radiology), **151**: 237, 1984

Diagnostic radiology, radiation dose

doses to patients from routine diagnostic x-ray examinations in England, Shrimpton PC; Wall BF; Jones DG; et al, (Br J Radiol), 59: 749, 1986

Diagnostic radiology, radiation hazard

probability of causation tables and their possible implications for the practice of diagnostic radiology, Gur D; Wald N, (Radiology), 158: 853, 1986

acquired cystic disease of the kidney in patients on hemodialysis, Taves DH, (J Canad Assoc Radiol), 37: 161, 1986

- acquired renal cystic disease and renal neoplasms in hemodialysis patients, Cho C; Friedland GW; Swenson RS, (Radiology), 157: 849, 1985
- aluminum bone disease in children: radiographic features from diagnosis to resolution, Andreoli SP; Smith JA; Bergstein JM, (Radiology), **156**: 663, 1985
- aluminum bone disease in children: radiographic features from diagnosis to resolution, Daves ML, (Radiology), 159: 283,
- aluminum bone disease in children: radiographic features from diagnosis to resolution: reply , Andreoli SP; Smith JA; Bergstein JM, (Radiology), **159**: 284, 1986
- case report 356, Goldman AB; Abrahams TG, (Skeletal Radiol), 15: 308, 1986
- cerebral computed tomography in uremic and hemodialyzed patients, Cusmano F; Savazzi GM, (JCAT), 10: 567, 1986
- chronic arthropathy in long-term hemodialysis, Goldstein S; Winston E; Chung TJ; et al, (Radiology), **155**: 852, 1985
- communication between a continuous ambulatory peritoneal dialysis cannula and right fallopian tube demonstrated radiographically, Chatterton B, (Radiology), 155: 851, 1985
- CT of acquired cystic kidney disease and renal tumors in long-term dialysis patients, Levine E; Grantham JJ; Slusher SL; et al, (AJR), 142: 125, 1984
- CT peritoneography in evaluation of pediatric dialysis complications, Magill HL; Roy S III; Stapleton FB, (AJR), 147: 325, 1986
- In-111-leukocyte scintigraphy for detection of infection associated with peritoneal dialysis catheters, Kipper SL; Steiner RW; Witztum KF; Basarab RM; Kipper MS; Halpern SE; Ashburn WL, (Radiology), 151:
- periosteal resorption and periosteal neostosis: comparison of normal subjects and renal failure patients on chronic ambulatory peritoneal dialysis using MOP-3 image analysis system and a grading method, Meema HE; Oreopoulos DG; Murray TM, (Skeletal Radiol), 15: 14, 1986
- renal cell carcinoma complicating long-term dialysis: computed tomography-guided aspiration cytology, Nunez D /Ir; Yrizarry JM; Nadji M; et al. (CT), 10: 61, 1986
- renal osteodystrophy in children undergoing continuous ambulatory peritoneal dialysis, Hewitt IK; Stefanidis C; Reilly BJ; et al, (Radiology), 152: 555, 1984
- subcutaneous calcifications masquerading as abcutaneous calcirications masquerading as pulmonary lesions in long-term hemodialysis. review of nodular pulmonary opacities in the population undergoing hemodialysis, Jolles H; Johnson AC; Ell SR, (Radiology), 158: 566, 1986
- Tenckhoff peritoneal dialysis catheters: use of fluoroscopy in management, Degesys GE; Miller GA; Ford KK; Dunnick NR, (Radiology), **154**: 819, 1985
- tendon disease and adjacent bone erosion in dialysis patients, Meneghello A; Bertoli M, (Radiology), **152**: 842, 1984
- tumoral amyloidosis of bone of beta2-microglobulin origin in association with long-term hemodialysis: new type of amyloid disease, Casey TT; Stone WJ; DiRaimondo CR; et al, (Radiology), 161: 860,

#### Dialysis, shunts

- arterial and venous embolization: declotting of dialysis shunts by direct injection of streptokinase, Zeit RM, (Radiology), **159**: 639, 1986
- dialysis access fistulas: treatment of stenoses by transluminal angioplasty, Glanz S; Gordon DH; Butt KMH; Hong J; Adamsons RJ; Sclafani SJA, (Radiology), 152: 637, 1984
- duplex ultrasound imaging: vascular applications, Wetzner SM; Kiser LC; Bezreh JS, (Radiology), **150**: 507, 1984
- failed hemodialysis shunts: one year of experience with aggressive treatment, Zeit RM; Cope C, (Radiology), **154**: 353, 1985

- failing arteriovenous dialysis fistulas:
  evaluation and treatment, Hunter DW;
  Castaneda-Zuniga WR; Coleman CC;
  Young AT; Salomonowitz E; Mercado S;
  Amplatz K, (Radiology), 152: 631, 1984
  stenotic lesions in dialysis-access fistulas:
  treatment by transluminal angioplasty using
  high-pressure balloons, Glanz S;
  Gordon DH; Butt KMH; Hong J;
  Adamsons RJ; Sclafani SJA, (Radiology), 156:
  236, 1985
- 200, 1963

  thrombosed synthetic hemodialysis access fistulas: faifure of fibrinolytic therapy, Young AT; Hunter DW; Castaneda-Zuniga WR; So SKS; Mercado S; Cardella JF; Amplatz K, (Radiology), 154: 639, 1985

  thrombosed synthetic hemodialysis access fistulas: success of combined thrombectomy and pagionless transport series and proposed thrombes.
- and angioplasty (technical note), Smith TP; Hunter DW; Darcy MD; et al, (AJR), 147: 161, 1986

# Diaphanography See Breast, transillumination

#### Diaphragm

- naphragm anterior diaphragmatic attachments: anatomic and radiologic study with clinical correlates, Kleinman PK; Raptopoulos V, (Radiology), 155: 289, 1985
- anterior diaphragm: variations in the CT appearance, Gale ME, (Radiology), 161: 635, 1986
- topical cardiac hypothermia, Kohorst WR; Schonfeld SA; Altman M, (Radiology), 152: 840, 1984
- o40, 1964 case report 388, Brogdon BG; Arcement LJ, (Skeletal Radiol), 15: 503, 1986 diaphragm, Tarver RD; Godwin JD; Putman CE, (Radiol Clin North Am), 22: 615,
- gastric outlet obstruction secondary to antral mucosal diaphragm, Pederson WC; Sirinek KR; Schwesinger WH; et al, (Radiology), 152: 840, 1984 Morgagni hernias during infancy: presentation and associated anomalies.
- Presentation and associated anomalic Pokorny W; McGill CW; Harberg FJ, (Radiology), **155**: 855, 1985

- Diaphragm, abnormalities antenatal diagnosis of diaphragmatic anomalies, Comstock CH. (J Ultrasound Med.), 5: 391, 1986 diaphragm, Tarver RD; Godwin JD; Putman CE, (Radiol Clin North Am), 22: 615,
- diaphragmatic paralysis evaluated by phrenic nerve stimulation during fluoroscopy or real-time ultrasound, McCauley RGK; Labib KB, (Radiology), 153: 33, 1984
- preoperative x-ray scoring system for risk assessment of newborns with congenital diaphragmatic hernia, Touloukian RJ; Markowitz RI, (Radiology), 154: 561, 1985

# Diaphragm, CT anterior diaphragm: variations in the CT appearance, Gale ME, (Radiology), 161: 635, 1986

- Bochdalek hernia: prevalence and CT characteristics, Gale ME, (Radiology), 156: 449, 1985
- 449, 1983.

  cardiophrenic angle adenopathy: update of causes and significance, Vock P; Hodler J, (Radiology), 159: 395, 1986.

  computed tomography of retrocrural spaces: normal, anatomic variants, and pathologic conditions, Shin MS; Berland LL, (AJR), 145: 81, 1985.
- OI, 1793 CT appearance of the diaphragm varying with respiratory phase and muscular tension, Anda S; Roysland P; Fougner R; et al, (JCAT), 10: 744, 1986
- inversion of the right diaphragm: thoracoabdominal CT pitfall, Hertzanu Y; Solomon A, (Gastrointest Radiol), 11: 200,

#### Diaphragm, injuries

abnormal course of nasogastric tube in traumatic rupture of left hemidiaphragm, Perlman SJ; Rogers LF; Mintzer RA; et al, (AJR), 142: 85, 1984

Diaphragm, neoplasms
CT features of cystic teratoma of the diaphragm, Muller NL, (ICAT), 10: 325, 1986 plain film manifestations of retrocrural disease, Shapir J; Bach D; Melanson D; et al, (Radiology), 156: 262, 1985

Diaphragm, rupture
abnormal course of nasogastric tube in
traumatic rupture of left hemidiaphragm,
Perlman SJ; Rogers LF; Mintzer RA; et al,
(AJR), 142: 85, 1984

omental fat simulating pleural fluid in traumatic diaphragmatic hernia: CT characteristics, Gurney J; Harrison WL; Anderson JC, (JCAT), 9: 1112, 1985

#### Diaphragm, US studies

- causes of abnormal right diaphragmatic position diagnosed by ultrasound, Pery M; Kaftori JK; Rosenberger A, (Radiology), 151:
- echographic appearance of the right hemidiaphragm, Lewandowski BJ; Winsberg F, (Radiology), **151:** 831, 1984
- ultrasound monitoring of diaphragm activity in bilateral diaphragmatic paralysis, Ambler R; Gruenewald S; John E, (Radiology), 157: 570, 1985

secretory diarrhea with protein-losing enteropathy, enterocolitis cystica superficialis, intestinal lymphangiectasia, and congenital hepatic fibrosis: new syndrome, Pelletier VA; Galeano N; Brochu P; et al, (Radiology), 159: 824, 1986

#### Diastematomyelia

- concurrent hydromyelia and diastematomyelia, Schlesinger AE; Naidich TP; Quencer RM, (AJNR), 7: 473,
- CT demonstration of cervical diastematomyelia, Levine RS; Geremia GK; McNeill TW, (JCAT), 9: 592, 1985
- demonstration of diastematomyelia and associated abnormalities with MR imaging, Han JS; Benson JE; Kaufman B; et al, (AJNR),
- diastematomyelia and intramedullary epidermoid spinal cord tumor combined with extradural teratoma in an adult, Garza-Mercado R, (Radiology), 152: 259, 1984
- in utero sonographic recognition of diastematomyelia, Williams RA; Barth RA, (AJR), **144**: 87, 1985
- magnetic resonance imagine (MRI) of diastematomyelia, Thron A; Schroth G, (Neuroradiol), 28: 371, 1986

#### Diethylstilbestrol (DES)

upper reproductive tract radiographic findings in DES-exposed female offspring, Nunley WC Jr; Pope TL Jr; Bateman BG, (AJR), 142: 337, 1984

#### Digital radiography See Radiography, digital

- Digital subtraction angiography accuracy and limitations of intravenous digital subtraction angiography in the evaluation of atherosclerotic cerebrovascular disease: angiographic and surgical correlations, Earnest F IV; Houser OW; Forbes GS; et al, (Radiology), 152: 257, 1984
- analysis of parenchymal opacification by digital angiography, Feltrin GP, (Radiology), 157: 849, 1985
- angiography of pulmonary emboli: digital studies and balloon-occlusion cineangiography, Ferris EJ; Holder JC; Lim WN; et al., (AJR), 142: 369, 1984
- anomalous intrapulmonal vein drainage and pulmonary vein connection in DSA, Arlart IP; Bargon G; Sigel H, (Eur J Radiol),
- 6: 12, 1986 application of IV digital subtraction angiography to cranial disease in children, Mueller DL; Amundson GM; Wesenberg RL; et al. (AJNR), 7: 669, 1986 arterial compression of the fifth cranial nerve causing trigeminal neuralgia: angiographic findings, de Lange EE; Vielvoye GJ; Voormolen JHC, (Radiology), 158: 721, 1986 atterial insignt digital subtraction.
- voormoten fric. (Kadiology), 138: 21, 1980 arterial injection-digital subtraction angiography, Kelly WM; Brant-Zawadzki M; Pitts LH, (Radiology), 152: 257, 1984 basic concepts of digital subtraction angiography, Kruger RA; Riederer SJ, Reviewed by Boxt LM, (Radiology), 153: 362, 1984
- beam attenuation devices for digital subtraction angiography, Kelly WM; Brant-Zawadzki M; Norman D; Gould R, (Radiology), 153: 817, 1984
- (Radiology), 153-517, 195 breast lesions: differential diagnosis using digital subtraction angiography, Watt AC; Ackerman LV; Windham JP; Shetty PC; Burke MW; Flynn MJ; Grodinsky C; Fine G; Wilderman SJ, (Radiology), 159: 39, 1986
- breast lesions examined by digital angiography: work in progress, Ackerman LV; Watt AC; Shetty PC; Flynn MJ; Burke MM; Kambouris A; Fine G; Wilderman S, (Radiology), 155: 65, 1985

### Digital subtraction angiography

- cardiac gating in intravenous DSA, Gmelin E; Weiss HD; Buchmann F, (Eur J Radiol), 6: 24, 1986
- cardiovascular applications of digital subtraction angiography, Wholey MH, (Radiol Clin North Am), 23: 627, 1985
- cerebrovascular effects of intraarterial CO<sub>2</sub> in quantities required for diagnostic imaging, Coffey R; Quisling RG; Mickle JP; Hawkins IF Jr; Ballinger WE, (Radiology), 151: 405, 1984
- 151: 405, 1984 comparison of superior vena cava and antecubital vein as DSA injection site, Popky GL; Saluk PH; Griska LB; et al, (AJR), 143: 317, 1984 complications of digital intravenous
- complications of digital intravenous angiography: experience in 2488 cervicocranial examinations, Pinto RS; Manuell M; Kricheff II, (AJR), 143: 1295, 1984
- 1984 complications of intravenous DSA performed for carotid artery disease: a prospective study, Aaron JO; Hesselink JR; Oot R; Jones RI; Davis KR; Taveras JM, (Radiology), 153: 675, 1984
- contrast media tonicity: part I. effects upon IV-DSA time-concentration curve peak and width: experimental studies, Burbank FH; Thompson WM, (Invest Radiol), 21: 240, 1986
- cross-sectional area measurements by digital subtraction videodensitometry, Simons MA; Kruger RA; Power RLB, (Invest Radiol), 21: 637, 1986
- detection of mediastinal parathyroid glands by nonselective digital arteriography, Krudy AG; Doppman JL; Miller DL; et al, (AJR), 142: 693, 1984
- detection of multivessel disease after myocardial infarction usign intravenous stress digital subtraction angiography, Bellamy GR, Yiannikas J; Detrano R; Simpfendorfer C; Salcedo EE, (Radiology), 161: 685, 1986
- determination of left ventricular volumes with use of DSA density values, Takahashi M; Tsuchigame T; Tomiguchi S; et al, (Comput Radiol), 10: 1, 1986
- Radiol), 10: 1, 1986 device for positioning the breast during angiography, Block RW; Flynn MJ; Ackerman LV; Watt AC; Erich DA; Ressler CJ, (Radiology), 155: 824, 1985 differentiation between benign and malignant
- differentiation between benign and malignant disease of the breast using digital subtraction angiography of the breast, Watt AC; Ackerman LV; Shetty PC; et al, (Radiology), 158: 857, 1986
- digital angiography of pulsatile masses in the neck, Lanzieri CF; Sacher M; Som PM, (AJNR), 6: 415, 1985
- digital cardiac radiology, Newell JD II; Kelley MJ; Ovitt TW, (Radiol Clin North Am), 23: 261, 1985
- digital celiac arteriography, Rossi P; Simonetti G; Passariello R; Tempesta P; Pesce B; Pavone P; Castrucci M, (Radiology), 154: 229, 1985
- digital imaging of the kidney, Hillman BJ, (Radiol Clin North Am), 22: 341, 1984
- digital intravenous subtraction angiography of intracranial arteriovenous malformations, Gardeur D; Seurot M; Fonda C; et al, (Radiology), 152: 257, 1984
- digital radiology of the kidney, Hillman BJ, (Radiol Clin North Am), 23: 211, 1985
- digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy, Archer CW; Turnipseed WD: Sackett JF; et al, (Radiology), 150: 292, 1984
- (Radiology), 151: 252, 1964 digital subtraction angiography: applications to otolaryngology—head and neck surgery, Miller RW, Carmody RF; Seeger JS; et al. (Radiology), 151: 552, 1984
- digital subtraction angiography: fundamental noise characteristics, Balter S; Ergun D; Tscholl E; Buchmann F; Verhoeven L, (Radiology), 152: 195, 1984
- digital subtraction angiography in congenital heart disease, Tonkin ILD, (Semin Roentgenol), **20:** 283, 1985
- digital subtraction angiography in interventional radiology, Chang R; Kaufman SL; Kadir S; et al, (AJR), **142**: 363, 1984
- digital subtraction angiography in pediatric cerebrovascular occlusive disease, Faerber EN; Griska LAB; Swartz JD; Capitanio MA; Popky GL, (Radiology), **152**: 391, 1984

- digital subtraction angiography in the community hospital, Levy JM; Hessel SJ, (Radiol Clin North Am), 23: 363, 1985
- digital subtraction angiography: myths and reality, Levin DC, (Radiology), **151**: 803, 1984
- digital subtraction angiography of the aortic arch, Chernin MM; Pond GD; Sahn DJ, (Radiology), 155: 848, 1985
- digital subtraction angiography of the arteries of the head and neck, Seeger JF; Carmody RF, (Radiol Clin North Am), 23: 193, 1985
- digital subtraction angiography of the thoracic aorta, Grossman LB; Buonocore E; Modic MT; Meaney TF, (Radiology), **150**: 323, 1984
- digital subtraction angiography systems: assessing performance with phantoms, Goodsitt MM; Abbate L; Hesselink JR, (Radiology), 156: 811, 1985
- digital subtraction angiography with an isocon camera system: clinical applications, Barbaric ZL; Gomes AS; Deckard ME; et al, (AJR), 142: 143, 1984
- digital subtraction arteriography (DSA) in reevaluation of angioplasties, Campbell DR; Mason WF; Flemming BK; et al, (Radiology), 153: 272, 1984
- digital vascular imaging of neck veins for the insertion of chronic venous access catheters, Soppitt D; Rich AJ; Robson RA, (Clin Radiol), 37: 147, 1986
- DSA evaluation of surgically implantable Infusaid pump-catheter systems, Sanchez FW; Chuang VP; Murray DR; et al, (AJR), 146: 839, 1986
- evaluation of vascular rings with digital subtraction angiography, Tonkin ILD; Gold RE; Moser D; et al, (AJR), **142**: 1287, 1984
- flow analysis with digital subtraction angiography: 1. description of a simplified flow model, Hesselink JR; Chang KH; Chung KJ; et al. (AJNR), 7: 423, 1986
- flow analysis with digital subtraction angiography: 2. acquisition and accuracy of transit-flow measurements, Hesselink JR; Chang KH; Chung KJ; et al, (AJNR), 7: 427, 1986
- iatrogenic femoral arteriovenous fistulae: evaluation by digital vascular imaging, Picus D; Totty WG, (AJR), **142**: 567, 1984
- incidence of cardiac arrhythmias during intravenous digital subtraction angiography: comparison of peripheral and central injections, Treweeke P5; Thomas ML, (J Canad Assoc Radiol), 37: 83, 1986.
- intraarterial digital subtraction angiography in diagnostic arteriography, Kaufman SL; Chang R; Kadir S; Mitchell SE; White RI Jr, (Radiology), 151: 323, 1984
- intraarterial digital subtraction angiography in the diagnosis and treatment of gastrointestinal disorders, Ariyama J; Shimaguchi S; Suyama M; et al, (Gastrointest Radiol), 11: 177, 1986
- intraarterial digital subtraction angiography of renal transplants, Roeren T; Hauenstein K; Dinkel E; et al, (Urol Radiol), **8:** 77, 1986
- intra-arterial digital subtraction angiography of the spinal cord, Yeates AE; Drayer BP; Heinz ER; Osborne D, (Radiology), 155: 387, 1985
- intravenous digital subtraction angiography in patients with suspected bypass graft occlusion following surgery for peripheral vascular disease, Butler P; Williamson B, (Br J Radiol), 59: 329, 1986
- intravenous digital subtraction angiography of arteriosclerotic vertebrobasilar disease, Hesselink JR: Teresi LM; Davis KR; et al, (AJR.) 142: 255, 1984
- intravenous digital subtraction angiography of the nearly occluded internal carotid artery, Seeger JF; Carmody RF; Goldstone J, (AJNR), 5: 35, 1984
- intravenous digital subtraction angiography of the nearly occluded internal carotid artery, Seeger JF; Carmody RF; Goldstone J, (AJR), 142: 791, 1984
- intravenous DSA examination of patients with suspected cerebral ischemia, Foley WD; Smith DF; Milde MW; Lawson TL; Towne JB; Bandyk DF, (Radiology), 151: 651, 1984

- IV and intraarterial hybrid digital subtraction angiography: clinical evaluation, Foley WD; Beres J; Smith DF; et al, (AJR), **147**: 613, 1986
- limitations in the interpretation of intravenous carotid digital subtraction angiography, Hoffman MG; Gomes AS; Pais SO, (AJR), 142: 261, 1984
- measuring abdominal aortic aneurysms on digital subtraction arteriograms, Braun SD; Illescas FF; Fagert T; et al, (AJR), 144: 997, 1985
- Moya Moya disease: use of digital subtraction angiography in its diagnosis, Hasuo K; Tamura S; Kudo S; Uchino A; Carlos R; Matsushima T; Kurokawa T; Kitamura K; Matsuura K, (Radiology), 157: 107, 1985
- mycotic aneurysms in intravenous drug abusers: utility of intravenous digital subtraction angiography, Shetty PC; Krasicky GA; Sharma RP; Vemuri BR; Burke MM, (Radiology), 155: 319, 1985
- myocardial ischemia during intravenous DSA in patients with cardiac disease, Hesselink JR, Hayman LA; Chung KJ; McGinnis BD; Davis KR; Taveras JM, (Radiology), 153: 577, 1984
- new system for quantitative arterial imaging and blood flow measurements, Cunningham IA; Hobbs BB; Fenster A, (Invest Radiol), 21: 465, 1986
- parametric imaging using digital subtraction angiography, Hunter GJS; Hunter JV; Brown NJG, (Br J Radiol), **59:** 7, 1986
- percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, (Radiology), 150: 363, 1984
- percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, (Radiology), 150: 369, 1984
- peripheral, abdominal, and interventional applications of DSA, Katzen BT, (Radiol Clin North Am), 23: 227, 1985
- prevention of complications during embolotherapy of the lung, White RI Jr; Lundell C, (Radiology), **154**: 272, 1985
- pulmonary digital subtraction angiography, Pond GD, (Radiol Clin North Am), 23: 243, 1985
- quantitative analysis of intracranial circulation using rapid-sequence DSA, Kwan ESK; Hall A; Enzmann DR, (AJR), 146: 1239, 1986
- radiation dose implications of digital angiographic systems, Hynes DM; Gershater R; Edmonds EW; et al, (AJR), 143: 307, 1984
- radiation exposure from conventional and digital subtraction angiography of cerebral vessels, Plunkett MB; Gray JE; Kispert DB, (AJNR), 7: 665, 1986
- renal artery digital subtraction angiography: outpatient investigation for renovascular hypertension, Jackson B; Dugdale L, (Radiology), **157**: 564, 1985
- results of intravenous digital subtraction angiography (IVDSA) as a screening method for renovascular hypertension, De Somer FM; Auman JL; Baert AL; et al, (Radiology), 155: 548, 1985
- screening for occlusive vascular disease with intraarterial DSA: preliminary experience with a high flow 4F catheter, Becker GJ; Hicks ME; Holden RW; Edwards MK; Jackson VP; Bendick PJ, (Radiology), 153: 823, 1984
- tailored approach for evaluation of peripheral vascular disease: intravenous digital subtraction angiography, Kinnison ML; Perler BA; White RI Jr; et al, (AJR), 142: 1205, 1984
- thoracic aortic rupture: advantages of intraarterial digital subtraction angiography, Mirvis SE; Pais SO; Gens DR, (AJR), 146: 987, 1986
- upper-extremity venography using digital subtraction angiography. Kinnison ML; Kaufman SL; Chang R; et al, (Cardiovasc Intervent Radiol), 9: 106, 1986
- vascular trauma to the extremities and lower neck: initial assessment with intravenous digital subtraction angiography, Gavant ML; Gold RE; Fabian TC; Tonkin ILD, (Radiology), 158: 755, 1986

- vessel sizing wire: accurate vessel measurement using digital subtraction arteriography, Halden WJ Jr; White RI Jr; Bright J; Mitchell SE; Chang R, (Radiology), 161: 556, 1986
- whole body intravenous digital subtraction angiography, Nitatori T; Hachiya J; Korenaga T; Furuya Y, (Radiology), 156: 829, 1985

# Digital subtraction angiography, comparative studies

- comparison of intra-arterial digital subtraction angiography and conventional filming in peripheral vascular disease, Sniderman KW; Morse SS; Strauss EB, (J Canad Assoc Radiol), 37: 76, 1986
- digital subtraction angiography: comparison of 512<sup>2</sup> and 1024<sup>2</sup> imaging, Gomes AS; Papin PJ; Mankovich NJ; et al, (AJR), **146**: 835, 1986
- digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism, Grossman ZD; Ellis DA; Brigham SC; Farrar FM; Sternick AN; Bramhava D, (Radiology), 150: 843. 1984
- digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism: reply, Ludwig JW, (Radiology), 150: 844, 1984
- duplex ultrasonography, digital subtraction angiography, and conventional angiography in assessing carotid atherosclerosis, Glover JL; Bendick PJ; Jackson VP; et al, (Radiology), 154: 857, 1985
- EKG-gated digital subtraction angiography in the detection of pulmonary emboli, Hirji M; Gamsu G; Webb WR; Brito AC; Kuriyama K; Stern RG; Cox L, (Radiology), 152: 19, 1984
- intraarterial digital subtraction arteriographic evaluation of extremity tumors: comparison with conventional arteriography, Lee KR; Cox GG; Price HI; Johnson JA; Neff JR, (Radiology), 158: 255, 1986
- intraarterial digital subtraction imaging cost considerations, Norman D; Ulloa N; Brant-Zawadzki M; Gould RG, (Radiology), **156**: 33. 1985
- intracranial tumors examined by intraarterial DSA: comparative angiography study, Stadnik TW; Kersschot EAJ; De Schepper AMAP, (Radiology), **154**: 671, 1985
- intravenous DSA of extracranial carotid lesions: comparison with other techniques and specimens, Sheldon JJ; Janowitz W; Leborgne JM; et al, (AJNR), 5: 547, 1984
- peripheral vascular disease: prospective study of intraarterial digital subtraction angiography using a 9-inch intensifier, Garvey CJ; Wilkins RA; Lewis JD, (Radiology), 159: 423, 1986
- real-time digital angiocardiography using a temporal high-pass filter, Hardin CW; Kruger RA; Anderson FL; Bray BE; Nelson JA, (Radiology), **151**: 517, 1984
- renal artery stenosis: evaluation with intravenous digital subtraction angiography, Wilms GE; Baert AL; Staessen JA; Amery AK, (Radiology), **160**: 713, 1986
- trauma of the extremities: prospective comparison of digital and conventional angiography, Sibbitt RR; Palmaz JC; Garcia F; Reuter SR, (Radiology), **160**: 179, 1986

# Digital subtraction angiography, in infants and children

- digital intravenous cerebral angiography in neonates, Lee BCP; Voorhies TM; Ehrlich ME; et al, (AJNR), 5: 281, 1984
- pediatric digital subtraction angiography, Amundson GM; Wesenberg RL; Mueller DL; Reid RH, (Radiology), **153**: 649, 1984
- pediatric digital subtraction angiography: intraarterial and intracardiac applications, Tonkin ILD; Fitch SJ; Magill HL; et al, (Pediatr Radiol), 16: 126, 1986

#### Digital subtraction angiography, technology

- automated correction of patient motion and gray values prior to subtraction in digitized angiography, Venot A; Leclerc V, (Radiology), 156: 863, 1985
- bolus geometry and dynamics after intravenous contrast medium injection, Claussen CD; Banzer D; Pfretzschner C; Kalender WA; Schorner W, (Radiology), 153: 365, 1984

- breast lesions: differential diagnosis using digital subtraction angiography, Watt AC; Ackerman LY; Windham JP; Shetty PC; Burke MW; Flynn MJ; Grodinsky C; Fine G; Wilderman SJ, (Radiology), **159**: 39, 1986
- carotid artery and aortic arch imaging with EKG gating in DSA, Francis DA; Sheldon JJ; Soila K; Tobias J, (Radiology), 155: 827, 1985
- carotid bifurcation: results of spliced hybrid subtraction angiography compared with standard temporal and hybrid images, Burbank FH; Enzmann DR; Brody WR, (Radiology), 160: 227, 1986
- compensating collimator for digital subtraction angiography, Green JD, (AJR), 143: 899, 1984
- computer processed fluoroscopic images for digital intravenous renal angiography, Strauss LG; Busch HP; Prager P; et al, (Eur J Radiol), 6: 78, 1986
- computers in digital imaging, Pavlicek W, (Radiographics), 5: 83, 1985
- contrast administration and techniques of digital subtraction angiography performance, Saddekni S; Sos TA; Srur M; et al, (Radiol Clin North Am), 23: 275, 1985
- contrast media tonicity: part II. isotonic ioxaglate vs. standard Renografin for IV-DSA evaluation of the carotid bifurcation, a double-blind prospective clinical trial, Burbank FH; Bradley BR; Yegnashankaran S; et al, (Invest Radiol), 21: 340, 1986
- crossed-leg technique for digital subtraction angiography, Gersten K; Pillari G; Greenspan B; et al, (AJR), **146**: 843, 1986
- digital angiography: matched filtration versus mask-mode subtraction, Liu P; Kruger RA; Nelson JA; Miller FJ; Osborn AG; Wojtowycz M, (Radiology), **154**: 217, 1985
- digital radiography: a focus on clinical utility, Price RR; Rollo FD; Monahan WG; James AE Jr, Reviewed by Boxt LM, (Radiology), 151: 22, 1984
- digital subtraction angiography apparatus, Chakraborty DP; Gupta KL; Barnes GT; Vitek JJ, (Radiology), 157: 547, 1985
- digital subtraction angiography of the extremities using table translation, Foley WD; McDaniel D; Milde MW; Bell R, (Radiology), 157: 255, 1985
- digital subtraction angiography: principles and pitfalls of image improvement techniques, Levin DC; Schapiro RM; Boxt LM; et al, (AJR), 143: 447, 1984
- digital subtraction angiography system evaluation with phantoms, Wenstrup RS; Sweeney KP; Scholz FJ, (Radiology), 155: 805, 1985
- digital subtraction angiography: technology, equipment, and techniques, Ovitt TW; Newell JD II, (Radiol Clin North Am), 23: 177, 1985
- digital subtraction angiography with an isocon camera system: clinical applications, Barbaric ZL; Gomes AS; Deckard ME; et al, (AJR), 142: 143, 1984
- dynamic and static phantoms for evaluation of digital subtraction angiography systems, Fujita H; Doi K; Chan H-P; Giger ML; Duda EE, (Radiology), **155**: 799, 1985
- ECG-synchronized DSA exposure control: improved cervicothoracic image quality, Kelly WM; Gould R; Norman D; et al, (AJNR), 5: 429, 1984
- ECG-synchronized DSA exposure control: improved cervicothoracic image quality, Kelly WM; Gould R; Norman D; et al, (AJR), 143: 857, 1984
- head immobilization for digital subtraction angiography, Enzmann DR: Freimarck R, (Radiology), **151**: 801, 1984
- high frame-rate digital subtraction angiography imaging technique for evaluation of aortofemoral runoff, Lewis BD; Enzmann DR; Guthaner DF; Brody WR, (Radiology), 151: 789, 1984
- hybrid intravenous digital subtraction angiography of the carotid bifurcation, Burbank FH; Enzmann D; Keyes GS; Brody WR, (Radiology), **152**: 725, 1984
- impact of technology and technique on the performance of the intravenous D.S.A. of the carotid arteries, Dalla Palma L; Stacul F; Pozzi-Mucelli R; et al, (Eur J Radiol), 6: 73, 1986

- implementation of an on-line and long term digital management system, Templeton AW; Dwyer SJ III; Johnson JA; Anderson WH; Hensley KS; Lee KR; Rosenthal SJ; Preston DF; Batnitzky S, (Radiographics), 5: 121. 1985.
- integrated stereotaxic imaging with CT, MR imaging, and digital subtraction angiography, Peters TM; Clark JA; Olivier A; Marchand EP; Mawko G; Dieumegarde M; Muresan LV; Ethier R, (Radiology), 161: 821, 1986
- (Radiology), 164: 621, 1966 intra-arterial digital subtraction angiography, Foley WD; Milde MW, (Radiol Clin North Am), 23: 293, 1985
- intravenous digital subtraction arteriography: comparison of peripheral versus central contrast injection, Thomas ML; Treweeke PS, (Br J Radiol), 59: 241, 1986
- Treweeke PS, (Br J Radiol), 59: 241, 1986 intravenous DSA of extracranial carotid lesions: comparison with other techniques and specimens, Sheldon JJ; Janowitz W; Leborgne JM; et al, (AJNR), 5: 547, 1984 newer subtraction and filtration techniques,
- newer subtraction and filtration techniques, Nelson JA, (Radiol Clin North Am), 23: 185, 1985
- Omnipaque vs. Hexabrix in intravenous DSA of the carotid arteries: randomized double-blind crossover study, Nakstad PH;
  Bakke SJ; Kjartansson O; et al, (AJNR), 7:
  303. 1984
- 303, 1986
  Optimal injection technique for intravenous digital subtraction angiography: animal and clinical studies of right atrial injection using small volumes (25 ml) at a high rate (35 ml sec). work in progress, 5addekni 5; 5os TA; Sniderman KW; Srur M; Bodner LJ; Kneeland JB; Cahill PT, (Radiology), 150: 655, 1984
- outpatient DSA in cerebrovascular disease using transbrachial arch injections, McCreary JA; Schellhas KP; Brant-Zawadzki M; et al, (AJNR), 6: 795, 1985
- parametric imaging, Bursch JH; Heintzen PH, (Radiol Clin North Am), 23: 321, 1985 processing alternatives for digital chest
- processing alternatives for digital chest imaging, Johnson GA; Danieley N; Ravin CE, (Radiol Clin North Am), 23: 335, 1985
- pulsed-injection method for blood flow velocity measurement in intraarterial digital subtraction angiography, 5haw C-G; Plewes DB, (Radiology), 160: 556, 1986
- quantitative digital subtraction angiography: two scanning techniques for correction of scattered radiation and veiling glare. work in progress, Shaw C-G; Plewes DB, (Radiology), 157: 247, 1985
- real-time fluoroscopic digital subtraction, Braun IF; Aiken RE; Spalding WW; et al, (AJNR), 5: 214, 1984
- (AJNR), 3: 24, 1707 stereoscopic digital subtraction angiography in neuroradiologic assessment, Worthington C; Peters TM; Ethier R; et al, (AJNR), 6: 802, 1985
- stereoscopic DSA of the central nervous system, Takahashi M; Bussaka H; Miyawaki M, (Neuroradiol), 28: 105, 1986
- stereoscopic technique in digital subtraction angiography, Takahashi M; Bussaka H; Miyawaki M; Higashida Y, (Radiology), 157: 546, 1985
- superior vena cava obstruction: evaluation with digital subtraction angiography, Sharma RP, Keller CE, Shetty PC; Burke MW, (Radiology), 160: 845, 1986
- tomographic digital subtraction angiography: initial clinical studies using tomosynthesis. work in progress, de Vries N; Miller FJ; Wojtowycz MM; Brown PR; Yandow DR; Nelson JA; Kruger RA, (Radiology), 157: 239, 1985
- tomographic DSA using temporal filtration: initial neurovascular application, Anderson RE; Kruger RA; Sherry RG; et al, (AJNR), 5: 277, 1984
- kynth, six applied to digital subtraction angiography, Kruger RA; Sedaghati M; Roy DG; Liu PY; Nelson JA; Kubal W; Del Rio P, (Radiology), 152: 805, 1984
- videodensitometric quantitation of stenosis: in vitro and in vivo validation, Seibert JA; Link DP; Hines HH; Baltaxe HA, (Radiology), 157: 807, 1985

#### Dosimetry

accuracy of the line and point source approximations in IR-192 dosimetry, Williamson JF, (Int J Radiat Oncol Biol Phys), 12: 409, 1986 average fetal depth in utero: data for estimation of fetal absorbed radiation dose, Ragozzino MW; Breckle R; Hill LM; Gray JE, (Radiology), 158: 513, 1986

calculation and prescription of dose for total body irradiation, Galvin JM, (Radiology), 153: 863, 1984

computerized x-ray dose-monitoring system, Hummel RH; Wesenberg RL; Amundson GM, (Radiology), **156**: 231, 1985

conceptus dose from two state-of-the-art CT scanners, Wagner LK; Archer BR; Zeck OF, (Radiology), 159: 787, 1986

(Radiology), 139-767, 1900 cost benefit analysis of radiological protection: a case study of remote after-loading in gynaecological radiotherapy, Fleishman AB; Notley HM; Wilkinson JM, (Radiology), 153:

detailed study of radiation dose and radiographic technique during chest radiography, Faulkner K; Gordon MDH; Miller J, (Br J Radiol), **59:** 245, 1986

detection of the effects of low dose ionising irradiation on epidermal function, Barton SP; Black DR; Gaskell SA; et al, (Radiology), **156**: 863, 1985

dosage evaluation in mammography, Stanton L; Villafana T; Day JL; Lightfoot DA, (Radiology), **150**: 577, 1984

dose enhancement in bone in electron beam dose enhancement in bone in electron beam therapy, Prasad SC, Ames TE; Howard TB; Bassano DA; Chung CT; King GA; Sagerman RH, (Radiology), 151: 513, 1984 dose levels outside radiotherapy beams, Greene D; Chu G-L; Thomas DW, (Radiology), 152: 871, 1984

dosimetric aspects of radiolabeled antibodies for tumor therapy, Humm JL, (J Nucl Med),

dosimetric evaluation of a pencil-beam algorithm for electrons employing a two-dimensional heterogeneity correction, Hogstrom KR, Mills MD; Meyer JA; et al, (Radiology), 154: 288, 1985

dosimetry of computerized tomography in the evaluation of hip dysplasia, Guyer B; Smith DS; Cady RB; et al, (Radiology), **154**:

dosimetry of CT-guided volumetric IR-192 brain implant, Abrath FG; Henderson SD; Simpson JR; et al, (Int J Radiat Oncol Biol Phys), 12: 359, 1986

dosimetry of radioactive gold grains for the treatment of choroidal melanoma, Chenery SGA; Japp B; Fitzpatrick PJ, (Radiology), 151: 836, 1984

dosimetry of rotational photon fields with gravity-oriented eye blocks, Engler MJ; Herskovic AM; Proimos BS, (Radiology), 154: 288, 1985

dosimetry of the Siemens mevatron 67 linear accelerator, Horton JL, (Radiology), 151: 838,

electrom beam dosimetry study of the digits in total body surface irradiation, Wong F; Kwa W, (Radiology), **156**: 288, 1985

exit dose studies in megavoltage photon therapy, Lambert GD; Liversage WE; Hirst AM; et al, (Radiology), **151**: 839, 1984

partial bolussing to improve the depth doses in the surface region of low energy electron beams, Galbraith DM; Rawlinson JA, (Radiology), 154: 288, 1985

particle image-resolution test object, Goldstein A; Clayman W, (Radiology), 151: 838 1984

radiation dosimetry considerations in the treatment of cystic suprasellar neoplasms, McGuire EL; Balachandran S; Boyd CM, (Br J Radiol), **59**: 779, 1986

rectal monitor for use with afterloading intracavitary radioactive implants, Davies ML; Clack FJ; Harris JK, (Radiology), 156: 822, 1985

reduction of absorbed doses in radiography of the facial skeleton, Julin P; Kraepelien T, (AJR), **143**: 1113, 1984

role of point A in the era of computerized dosimetry, Potish RA; Gerbi BJ, (Radiology), 158: 827, 1986

tissue-air ratios for cobalt 60 therapy units, Vatnitskij SM; Aalto PK; Rannikko SJ, (Radiology), 151: 837, 1984

user requirements on CT-based computed dose planning systems in radiation therapy, Dahlin H; Lamon I-L; Landberg T; et al, (Radiology), 154: 287, 1985

Dosimetry, radionuclide

single and double plane implants: a comparison of the Manchester System with the Paris System, Gillin MT; Kline RW; Wilson JF; et al, (Radiology), 155: 288, 1985

Down syndrome

Alzheimer's disease in Down's syndrome: clinicopathologic studies, Wisniewski KE; Dalton AJ; McLachlan DRC; et al, (Radiology), **159**: 573, 1986

(Radiology), 355; 375, 1769 antenatal detection of Down syndrome by sonography, Balcar I; Grant DC; Miller WA; et al. (AJR), 143: 29, 1984 atlantooccipital instability in Down syndrome, Rosenbaum DM; Blumhagen JD; King HA, (AJR), 146: 1269, 1986

(CA), 140: 1207, 1790 changes at the base of skull and cervical spine in Down syndrome, Miller JDR; Capusten BM; Lampard R, (J Canad Assoc Radiol), 37: 85, 1986

computed tomography of the upper cervical spine in Down syndrome, Miller JDR; Grace MGA; Lampard R, (JCAT), 10: 589,

congenital pleural effusion in Down's syndrome, Foote KD; Vickers DW, (Br J Radiol), 59: 609, 1986

morphometric CT study of Down's syndrome showing small posterior fossa and calcification of basal ganglia, Ieshima A; Kisa T; Yoshino K; et al, (Radiology), **156**: 567, 1985

posterior atlantooccipital subluxation in Down syndrome, El-Khoury GY; Clark CR; Dietż FR; Harre RG; Tozzi JE; Kathol MH, (Radiology), 159: 507, 1986

symptomatic atlantoaxial subluxation in persons with Down syndrome, Pueschel SM; Herndon JH; Gelch MM; et al, (Radiology), 155: 856, 1985

Doxorubicin

adjuvant doxorubicin hydrochloride and radiation in stage D bladder cancer: a preliminary report, Schaeffer AJ; Grayhack JT; Merrill JM; et al, (Radiology), 154: 573, 1985

Drash syndrome

interest of ultrasound in Drash syndrome. report of three cases, Garel LA; Musset D; Habib R; et al, (Radiology), **153**: 567, 1984

central nervous system anoxic-ischemic insult in children due to near drowning, Taylor SB; Quencer RR; Holzman BH; Naidich TP, (Radiology), 156: 641, 1985

central nervous system hypoxia in children due to near drowning, Fitch SJ; Gerald B; Magill HL; Tonkin ILD, (Radiology), **156**: 647, 1985

drug smuggling by internal bodily concealment, Dunne JW, (Radiology), **152**: 250, 1984

Drugs, abuse

abdominal lymphadenopathy in intravenous drug addicts: sonographic features and clinical significance, Subramanyam BR; Balthazar EJ; Horii SC; et al, (AJR), **144**: 917,

inflammatory lesions of the groin: ultrasonic evaluation, Sandler MA; Alpern MB; Madrazo BL; Gitschlag KF, (Radiology), **151**:

multiple mycotic pulmonary artery aneurysms secondary to intravenous drug abuse, SanDretto MA; Scanlon GT, (AJR), 142: 89,

myonecrosis induced by drug overdose: pathogenesis, clinical aspects and radiological manifestations, Vukanovic S; Hauser H; Curati WL, (Radiology), 152: 551,

periostitis and osteomyelitis in chronic drug addicts, Taylor CR; Lawson JP, (Skeletal Radiol), **15**: 209, 1986

pulmonary "mainline" granulomatosis: talcosis secondary to intravenous heroin abuse with characteristic x-ray findings of asbestosis, Davis LL, (Radiology), 151: 817,

renal ultrasound in acquired immune deficiency syndrome, Schaffer RM; Schwartz GE; Becker JA; Rao TKS; Shih YH, (Radiology), 153: 511, 1984

subarachnoid hemorthage precipitated by cocaine snorting, Lichtenfeld PJ; Rubin DB; Feldman RS, (Radiology), **153**: 569, 1984

Drugs, effects

common pharmaceuticals alter tissue proton NMR relaxation properties, Karlik SJ, (Magn Res Med), 3: 181, 1986

CT demonstration of calcified subcutaneous masses following parenteral pentamidine isethionate injection, Bellamy EA; Meller S; Westbury G; et al, (JCAT), 9: 210, 1985

driving ability after intravenous fentanyl or diazepam: controlled double-blind study, Stevenson GW; Pathria MN; Lamping DL; et al, (Invest Radiol), 21: 717, 1986

effects of antimalarial drugs on oxygen consumption by erythrocytes infected with plasmodium berghei: ESR study, Butler KW; Deslauriers R; Smith ICP, (Magn Res Med), 3: 312, 1986

increased hepatic density and phospholipidosis due to amiodarone, Goldman IS; Winkler ML; Raper SE; et al, (AJR), 144: 541, 1985

intracerebral hemorrhage and oral amphetamine, Harrington H; Heller HA; Dawson D; et al, (Radiology), 151: 551, 1984

intravenously administered pen tobarbital sodium for sedation in pediatric CT, Strain JD; Harvey LA; Foley LC; Campbell JB, (Radiology), 161: 105, 1986

life-threatening vagal reactions associated with percutaneous cholecystostomy, vanSonnenberg E; Wing VW; Pollard JW; Casola G, (Radiology), 151: 377, 1984

methotrexate osteopathy, Schwartz AM; Leonidas JC, (Radiology), 154: 562, 1985

multiple cerebral hemorrhages following chymopapain chemonucleolysis. case report, Davis RJ; North RB; Campbell JN; et al, (Radiology), 154: 855, 1985

procainamide-induced lupus lung disease characterized by neutrophil alveolitis, Goldberg SK; Lipschutz JB; Ricketts RM; et al, (Radiology), **152**: 839,

progressive optic neuropathy and sensorineural hearing loss due to chronic glue sniffing, Ehyai A; Freemon FR, (Radiology), **150**: 291, 1984

quantitative determination of anticonvulsant-induced bone demineralization by an improved x-ray densitometry technique, Wolschendorf K; Vanselow K; Moller WD; et al, (Radiology), 152: 258, 1984

systemic absorption of gallbladder sclerosing agents in the rabbit: preliminary study, Remley KB; Cubberley DA; Watanabe AS; et al. (Invest Radiol), 21: 396,

tetrahydrocannabinol vs. prochlorperazine: the effects of two antiemetics on patients undergoing radiotherapy, Ungerleider JT, Andrysiak TA; Fairbanks LA; Tesler AS; Parker RG, (Radiology), **150**: 598, 1984

widening of cranial sutures after long-term prostaglandin E<sub>2</sub> therapy in two newborn infants, Hoevels-Guerich H; Haferkorn L; Persigehl M; et al, (Radiology), **154**: 851, 1985

Drugs, toxicity

amiodarone-induced pulmonary toxicity, Koslin DB; Chapman P; Youker JE; et al, (Radiology), **155**: 269, 1985

bleomycin-related lung damage: CT evidence, Bellamy EA; Husband JE; Blaquiere RM; Law MR, (Radiology), **156:** 155, 1985

computed tomography of amiodarone pulmonary toxicity, Butler S; Smathers RL, (JCAT), 9: 375, 1985

cyclosporin-A nephrotoxicity and acute cellular rejection in renal transplant recipients: correlation between radionuclide and histologic findings, Kim EE; Pjura G; Lowry P; Verani R; Sandler CM; Flechner SM; Kahan B, (Radiology), 159: 443, 1986

displaced calcium as a sign of transitional cell isplaced calcium as a sign of transitional cell carcinoma in analgesic nephropathy, Marrocco F5; Leekam RN; Matzinger MA; et al, (J Canad Assoc Radiol), 37: 122, 1986

drug-induced pulmonary disease, part 1: cytotoxic drugs, Cooper JAD Jr; White DA; Matthay RA, (Radiology), **160**: 571, 1986

drug-induced pulmonary disease, part 2: noncytotoxic drugs, Cooper JAD Jr; White DA; Matthay RA, (Radiology), **160**:

erythromycin hepatotoxicity: rare cause of a false-positive technetium-99m DISIDA study, Swayne LC; Kolc J, (Clin Nucl Med), 11: 10, 1986

11: 10, 1986
pneumonitis after amiodarone therapy,
Olson LK; Forrest JV; Friedman PJ; Kiser PE;
Henschke CI, (Radiology), 150: 327, 1984
speculation on the mechanism for
amiodarone-induced pneumonitis, Camus P;
Jeannin L. (Radiology), 150: 279, 1984
speculation on the mechanism for
amiodarone-induced pneumonitis: reply,
Gefter WB; Pietra GG; Epstein DM;
Miller WT, (Radiology), 150: 280, 1984
speculation on the mechanism for
amiodarone-induced pneumonitis: further
comment, Camus P; Jeannin L, (Radiology),
150: 280, 1984

toluene embryopathy, Hersh JH; Podruch PE; Rogers G; et al, (Radiology), 158: 284, 1986 Dual-energy scanning and subtraction See Subtraction, dual-energy

#### **Ductus arteriosus**

bronchial compression by a patent ductus arteriosus associated with pulmonary atresia, Markowitz RI; Fahey JT; Hellenbrand WE; et al, (AJR), 144: 535, 1985

current concepts in the management of neonatal ICU patients with pulmonary hypertension and localized barotrauma, Berdon WE, (Radiology), 158: 493, 1986

ductus arteriosus aneurysm in an adult, Danza FM; Fusco A; Breda M; et al, (AJR), 143: 131, 1984

ductus arteriosus aneurysm in Marfan syndrome, Muller NL; Mayo J; Culham JAG; et al, (J Canad Assoc Radiol), 37: 195, 1986

inadvertent ligation of the left pulmonary artery instead of patent ductus arteriosus: noninvasive diagnosis by pulmonary perfusion imaging, Orzel Ja; Monaco MP, (Clin Nucl Med), 11: 629, 1986

patent ductus arteriosus, Swischuk LE, (Semin Roentgenol), **20**: 236, 1985

persistent truncus arteriosus: pathologic, diagnostic and therapeutic considerations, Hernanz-Schulman M; Fellows KE, (Semin Roentgenol), 20: 121, 1985

respiratory distress syndrome treated with human surfactant: radiographic findings, Edwards DK; Hilton SvW; Merritt TA; Hallman M; Mannino F; Boynton BR, (Radiology), 157: 329, 1985

#### Duodenal ulcer See Peptic ulcer

### Duodenitis

duodenitis: endoscopic-radiologic correlation in 272 patients, Gelfand DW; Dale WJ; Ott DJ; Wu WC; Kerr RM; Munitz HA; Chen YM, (Radiology), 157: 577, 1985

See also Gastrointestinal tract; Intestines multiple duodenal polyps in uraemia: a little known clinical entity, Paimela H; Tallgren LG; Stenman S; et al, (Radiology), 153: 560, 1984

radiographic response to cimetidine in patients with basal gastric acid hypersecretion, Smith HJ, (AJR), 142: 115, 1984

#### Duodenum, abnormalities

"bubbly" duodenal bulb in celiac disease: radiologic-pathologic correlation, Jones B; Bayless TM; Hamilton SR; et al, (AJR), 142: 119, 1984

#### Duodenum, CT

computed tomography of duodenal hematoma, Hughes JJ; Brogdon BG, (CT), 10: 231, 1986

computed tomography of pancreatic pseudocysts of the duodenum, McCowin MJ; Federle MP, (AJR), 145: 1003,

Duodenum, cysts computed tomography of pancreatic pseudocysts of the duodenum, McCowin MJ; Federle MP, (AJR), 145: 1003,

relapsing pancreatitis associated with duodenal wall cysts. diagnostic approach and treatment, Holstege A; Barner S; Brambs HF; et al, (Radiology), 157: 280, 1985

#### Duodenum, diseases

"bubbly" duodenal bulb in celiac disease: radiologic-pathologic correlation, Jones B; Bayless TM; Hamilton SR; et al, (AJR), 142: 119, 1984 duodenal manifestations of nontropical sprue, Marn CS; Gore RM; Ghahremani GG, (Gastrointest Radiol), 11: 30, 1986

radiographic response to cimetidine in patients with basal gastric acid hypersecretion, Smith HJ, (AJR), 142: 115, 1984

#### Duodenum, diverticula

diagnosis and management of intraluminal duodenal diverticulum, Karoll MP; Ghahremani GG; Port RB; et al, (Radiology), 150: 611, 1984

diverticulum of the duodenum—possibility of false diagnosis of tumor of the pancreatic head, Wagner W; Ahlbrand P; Bottcher HD; et al. (Radiology), 157: 574,

"inverted" diverticulum mimicking an ulcerated duodenal tumour, Mendelson RM; Shepherd HA; Mitchell A, (Radiology), **154**: 270, 1985

#### Duodenum, hemorrhage

computed tomography of duodenal hematoma, Hughes JJ; Brogdon BG, (CT), 10:

computed tomography of obstructive jaundice secondary to duodenal hematoma, Aston JK, (CT), 10: 171, 1986

duodenal haematoma mimicking traumatic pancreatic pseudocyst, Raby N; Meire H, (Br J Radiol), 59: 279, 1986

J Radiol), 59: 274, 1960 duodenal hematoma: ring sign in MR imaging, Hahn PF; Stark DD; Vici L-G; Ferrucci JT Jr, (Radiology), 159: 379, 1986 resolving duodenal-jejunal hematoma in abused children, Kleinman PK; Brill PW; Winchester P, (Radiology), 160: 747, 1986

#### Duodenum, MR studies

duodenal hematoma: ring sign in MR imaging, Hahn PF; Stark DD; Vici L-G; Ferrucci JT Jr, (Radiology), **159**: 379, 1986

#### Duodenum, mucosa

mucosal surface patterns of the duodenal bulb: subject review, Glick SN; Gohel VK; Laufer I, (Radiology), **150**: 317, 1984

normal mucosal surface pattern of the duodenal bulb: radiologic-histologic correlation, Bova JG; Kamath V; Tio FO; et al, (AJR), 145: 735, 1985

#### Duodenum, neoplasms

obstruction of the third portion of the duodenum, Ptasznik J; Jones B; Polga JP, (Australas Radiol), 30: 19, 1986 primary adenocarcinoma of the duodenum

report of two cases, Rudan N; Nola P; Popovic S, (Radiology), 155: 850, 1985

# onographic appearance of duodenal lesions, Derchi LE; lerace T; De Pra L; et al, (J Ultrasound Med), 5: 269, 1986 Duodenum, perforation

# retroperitoneal perforation during duodenoscopic sphincterotomy, Byrne P; Leung JWC; Cotton PB, (Radiology), 150: 383, 1984

### Duodenum, radiography

duodenitis: endoscopic-radiologic correlation in 272 patients, Gelfand DW; Dale WJ; Ott DJ; Wu WC; Kerr RM; Munitz HA; Chen YM, (Radiology), 157: 577, 1985

optimal double-contrast visualization of the posteriorly directed duodenal bulb, Bloom SM; Philipps E; Paul RE Jr, (Radiology), 161: 549, 1986

#### Duodenum, radionuclide studies

single isotope method of post-prandial duodenogastric reflux assessment using <sup>97</sup>Cc<sup>m</sup>-labelled IDA in patients with gallstones, Eyre-Brook IA; Holroyd AM; Johnson AG, (Radiology), **151**: 277, 1984

#### Duodenum, stenosis

diagnostic value of ultrasound in duodenal stenosis, Brambs HJ; Spamer C; Volk B; et al, (Gastrointest Radiol), 11: 135, 1986

obstruction of the third portion of the duodenum, Ptasznik J; Jones B; Polga JP, (Australas Radiol), 30: 19, 1986

reversed intestinal rotation, DePrima SJ; Hardy DC; Brant WE, (Radiology), 157: 603,

sonographic demonstration of duodenal obstruction with midgut volvulus, Hayden CK Jr; Boulden TF; Swischuk LE; et al, (AJR), 143: 9, 1984

#### Duodenum, US studies

diagnostic value of ultrasound in duodenal stenosis, Brambs HJ; Spamer C; Volk B; et al, (Gastrointest Radiol), 11: 135, 1986

sonographic appearance of duodenal lesions, Derchi LE; lerace T; De Pra L; et al, (J Ultrasound Med), 5: 269, 1986

#### Dural sinus

See Sinuses, dural

#### Dwarfism

See Bones, osteochondrodysplasias

Dysphagia See Deglutition disorders Dysproteinemia

ysproteinema angioimmunoblastic lymphadenopathy: clinical and radiological features, Limpert J; MacMahon H; Variakojis D, (Radiology), 152: 27, 1984

### E

central auditory function in Alzheimer's disease, Grimes AM; Grady CL; Foster NL; et al, (Radiology), **158**: 572, 1986

#### Ear, abnormalities

ar, abnormations congenital malformations of the external and middle ear: high-resolution CT findings of surgical import, Swartz JD; Faerber EN, (AJNR), 6: 71, 1985

(AJNR), 6: 71, 1985 congenital sensorineural hearing loss, Mafee MF; Selis JE; Yannias DA; Valvassori GE; Pruzansky S; Applebaum EL; Capek V, (Radiology), 150: 427, 1984 endolymphatic sac surgery in Mondini's dysplasia: a report of 16 cases, Goin DW; Rasband RW; Mischke RE; et al, (Radiology), 154: 565, 1985

spontaneous enchephalocele of the middle ear, Gavilan J; Trujillo M; Gavilan C, (Radiology), 153: 857, 1984

Ear, anatomy anatomic variations of the human cochlear aqueduct: radioanatomic investigation, Muren C; Wilbrand H, (Acta Radiol [Diagn]), 27: 11, 1986

27: 11, 1996 chronic otomastoiditis: conceptual understanding of CT findings, Mafee MF; Aimi K, Kahen HL; Valvassori GE; Capek V, (Radiology), 160: 193, 1986

facial nerve canal: CT analysis of the protruding tympanic segment, Swartz JD, (Radiology), 153: 443, 1984

#### Ear. CT

ar, CT aberrant carotid artery: radiologic diagnosis with emphasis on high-resolution computed tomography, Lo WWM. Soli-Bohman LG; McElveen JT Jr. (Radiographics), 5: 985, 1985 acute otomastoiditis and its complications: role of CT, Mafee MF; Singleton EL; Valvassori GE; Espinosa GA; Kumar A; Aimi K, (Radiology), 155: 391, 1985 cerebellopontine angle and internal auditory

Ami K. (Radiology), 155: 391, 1985 cerebellopontine angle and internal auditory canal: neurovascular anatomy on gas CT cisternograms, Bird CR, Hasso AN; Drayer BP; Hinshaw DB Jr; Thompson JR, (Radiology), 154: 667, 1985

(Radiology), 1945-801, 1965 cholesteatomas of the middle ear: diagnosis, etiology, and complications, Swartz JD, (Radiol Clin North Am), 22: 15, 1984

(Nadio) C.III. NOTTH Am), 22: 15, 1994 cholesterol granuloma of the petrous apex: CT diagnosis, Lo WWM; Solti-Bohman LG; Brackmann DE; Gruskin P, (Radiology), 153: 705, 1984

705, 1984
chronic otomastoiditis: conceptual
understanding of CT findings, Mafee MF;
Aimi K; Kahen HL; Valvassori GE; Capek V,
(Radiology), 160: 193, 1986
cochlear otosclerosis (otospongiosis): CT
analysis with audiometric correlation,
Swartz JD; Mandell DM; Berman SE;
Wolfson Rj; Marlowe FI; Popky GL,
(Radiology), 155: 147, 1985
computed tomography of single-channel
cochlear implants, Ball JB Jr; Miller GW;
Hepfner ST, (AJNR), 7: 41, 1986
computed tomography of the ossicles.

computed tomography of the ossicles, Chakeres DW; Weider DJ, (Radiology), 158: 860, 1986

860, 1986
computerized tomographic evaluation of the middle ear and mastoid for posttraumatic hearing loss, Swartz JD; Swartz NG; Korsvik H; et al, (Radiology), 159: 287, 1986
CT densitometry of the cochlear capsule in otosclerosis, Valvassori GE; Dobben GD, (AJNR), 6: 661, 1985

CT in diagnosis of acoustic neuromas, Wu E-h; Tang Y-s; Zhang Y-t; et al, (AJNR), 7: 645, 1986

CT of acoustic neuroma and other tumors of the ear, Curtin HD, (Radiol Clin North Am),

CT of cochlear otosclerosis (otospongiosis), Damsma H; de Groot JAM; Zonneveld FW; et al, (Radiol Clin North Am), 22: 37, 1984

CT of ear structures: a tailored approach, Chakeres DW, (Radiol Clin North Am), 22: 3, 1984

CT of the postsurgical ear, Johnson DW, (Radiol Clin North Am), 22: 67, 1984

facial nerve canal: CT analysis of the protruding tympanic segment, Swartz JD, (Radiology), 153: 443, 1984

fenestral otosclerosis: significance of preoperative CT evaluation, Swartz JD; Faerber EN; Wolfson RJ; Marlowe FI, (Radiology), 151: 703, 1984

gas-CT cisternography for detection of small as-C1 cisternography for detection of small acoustic nerve tumors, Solti-Bohman LG; Magaram DL; Lo WWM; Wade CT; Witten RM; Shimizu FH; McMonigle EM; Rao AKR, (Radiology), **150**: 403, 1984

high-resolution computed tomographic appearance of normal cochlear aqueduct, Bhimani S; Virapongse C; Sarwar M, (AJNR), 5: 715, 1984

(AJNK), 5: /15, 1984 high-resolution CT of the jugular foramen: anatomy and vascular variants and anomalies, Lo WWM; Solti-Bohman LG, (Radiology), 150: 743, 1984

(mattoregy), 130r. / 43, 1984 high resolution CT scanning for detection of cholesteatoma and complications in the postoperative ear, Voorhees RL; Johnson DW; Lufkin RB; et al, (Radiology), 151: 828, 1984

labyrinthine ossification: etiologies and CT findings, Swartz JD; Mandell DM; Faerber EN; Popky GL; Ardito JA; Steinberg SB; Rojer CL, (Radiology), **157**: 395, 1985

pars flaccida cholesteatoma as demonstrated by computed tomography, Swartz JD; Varghese S, (Radiology), **155**: 555, 1985

Postinflammatory ossicular fixation: CT analysis with surgical correlation, Swartz JD; Wolfson RJ; Marlowe FI; Popky GL, (Radiology), 154: 697, 1985

primary adenomatous neoplasm of the middle ear, Eden AA; Pincus RL; Parisier SC; et al, (Radiology), **152**: 858, 1984

roentgenographic diagnosis of acoustic neurinoma, Harner SG; Reese DF, (Radiology), **154**: 564, 1985

soft-tissue abnormalities of the external sort-tissue abnormalities of the external auditory canal: subject review of CT findings, Chakeres DW; Kapila A; LaMasters D, (Radiology), 156: 105, 1985 stapes prosthesis: evaluation with CT, Swartz JD: Lansman AK; Berger AS; Wolfson RJ; Bell G; Popky CL; Swartz NG, (Radiology), 158: 179, 1986

temporal bone trauma: high-resolution computed tomographic evaluation, Johnson DW; Hasso AN; Stewart CE III; Thompson JR; Hinshaw DB Jr, (Radiology), 151: 411, 1984

use of CT in stapedial otosclerosis, Mafee MF; Henrikson GC; Deitch RL; Norouzi P; Kumar A; Kriz R; Valvassori GE, (Radiology), **156**: 709, 1985

use of CT in the evaluation of cochlear otosclerosis, Mafee MF; Valvassori GE; Deitch RL; Norouzi P; Henrikson GC; Capek V; Applebaum EL, (Radiology), 156: 703, 1985

#### Ear, diseases

of CT, Mafee MF; Singleton EL; Valvassori GE; Espinosa GA; Kumar A; Aimi K, (Radiology), 155: 391, 1985

cochlear otosclerosis (otospongiosis): CT analysis with audiometric correlation, Swartz JD; Mandell DM; Berman SE; Wolfson RJ; Marlowe FI; Popky GL, (Radiology), 155: 147, 1985

(National Street, 1985) Habyrinthine ossification: etiologies and CT findings, Swartz JD; Mandell DM; Faerber EN; Popky GL; Ardito JA; Steinberg SB; Rojer CL, (Radiology), **157**: 395, 1985

malignant external otitis: early scintigraphic detection, Strashun AM; Nejatheim M; Goldsmith SJ, (Radiology), 150: 541, 1984

Meniere's disease: long-term follow-up study of hearing loss, Eggermont JJ; Schmidt PH, (Radiology), **157**: 860, 1985

petrified auricle: comments on ossification, calcification and exostoses of the external ear, DiBartolomeo JR, (Radiology), 159: 287, 1986

trelaping polychondritis studied by computed tomography, Mendelson DS; Som PM; Crane R; Cohen BA; Spiera H, (Radiology), 157: 489, 1985

vestibular and auditory function in Usher's syndrome, Kumar A; Fishman C; Torok N, (Radiology), 158: 286, 1986

#### Ear, inflammation and infection

acute otomastoiditis and its complications: role of CT, Mafee MF; Singleton EL; Valvassori GE; Espinosa GA; Kumar A; Aimi K, (Radiology), 155: 391, 1985

chronic ear discharge in an elderly diabetic man, Piwnica-Worms D; Forman A; Tumeh SS, (Invest Radiol), 21: 584, 1986

computed tomography in suppurative ear disease: a correlation of surgical and radiographic findings, Jackler RK; Dillon WP; Schindler RA, (Radiology), 155:

Labyrinthine ossification: etiologies and CT findings, Swartz JD; Mandell DM; Faerber EN; Popky GL; Ardito JA; Steinberg SB; Rojer CL, (Radiology), 157: 395, 1985

malignant external otitis: early scintigraphic detection, Strashun AM; Nejatheim M; Goldsmith SJ, (Radiology), **150**: 541, 1984

nonspecific necrotizing petrositis: an unusual complication of otitis in children, Stamm AC; Pinto JA; Coser PL; et al, (Radiology), 156: 273, 1985

otitic hydrocephalus, Lenz RP; McDonald GA, (Radiology), **156**: 862, 1985

postinflammatory ossicular fixation: CT analysis with surgical correlation, Swartz JD; Wolfson RJ; Marlowe FI; Popky GL, (Radiology), 154: 697, 1985

soft-tissue abnormalities of the external auditory canal: subject review of CT findings, Chakeres DW; Kapila A; LaMasters D, (Radiology), 156: 105, 1985 subclavian vein thrombosis secondary to

chronic otitis media, Surkin MI; Green RP; Kessler SM; et al, (Radiology), 150: 862, 1984 tuberculosis of the ear. contribution of radiology, Marsot-Dupuch K; Wajnapel H; Tubiana JM; et al, (Radiology), **151**: 828, 1984

### Ear, injuries

computerized tomographic evaluation of the middle ear and mastoid for posttraumatic hearing loss, Swartz JD; Swartz NG; Korsvik H; et al, (Radiology), **159**: 287, 1986

post traumatic cholesteatoma of the external auditory canal, Brookes GB; Graham MD, (Radiology), 155: 281, 1985

#### Ear, MR studies

acoustic neuromas: evaluation by magnetic resonance imaging, Kingsley DPE; Brooks GB; Leung AW-L; et al, (AJNR), 6: 1,

acoustic neuromas: Gd-DTPA enhancement in MR imaging, Curati WL; Graif M; Kingsley DPE; Niendorf HP; Young IR, (Radiology), 158: 447, 1986

(Radiology), 195. 44), 196. 44), magnetic resonance imaging of the internal auditory canal, Daniels DL; Herfkens RJ; Koehler PR; Millen SJ; Shaffer KA; Williams AL; Haughton VM, (Radiology), 151: 105, 1984

MRI in acoustic neuroma: review of 35 patients, Curati WL; Graif M; Kingsley DPE; et al, (Neuroradiol), **28**: 208, 1986

surface-coil magnetic resonance imaging of the internal auditory canal, Daniels DL; Schenck JF; Foster T; et al, (AJNR), 6: 487, 1985

#### Ear, neoplasms

acoustic neurinoma and posterior fossa meningioma: clinical and CT radiologic findings, Catz A; Reider-Groswasser I, (Neuroradiol), 28: 47, 1986

acoustic neuromas: evaluation by magnetic resonance imaging, Kingsley DPE; Brooks GB; Leung AW-L; et al, (AJNR), 6: 1,

acoustic neuromas in children, Hernanz-Schulman M; Welch K; Strand R; et al, (AJNR), 7: 519, 1986

changing concepts of acoustic neuroma diagnosis, Barrs DM; Brackmann DE; Olson JE; et al, (Radiology), 157: 860, 1985 cholesteatomas of the middle ear: diagnosis, etiology, and complications, Swartz JD, (Radiol Clin North Am), 22: 15, 1984

computed tomography with gas cisternography for detection of small acoustic tumors. a study of five false-positive results, Barrs DM; Luxford WM; Becker TS; et al, (Radiology), 155: 555, 1985

CT in diagnosis of acoustic neuromas, Wu E-h; Tang Y-s; Zhang Y-t; et al, (AJNR), 7: 645, 1986

CT of acoustic neuroma and other tumors of the ear, Curtin HD, (Radiol Clin North Am), 22: 77, 1984

22: 77, 1984
gas-CT cisternography for detection of small
acoustic nerve tumors, Solti-Bohman LG;
Magaram DL; Lo WWM; Wade CT;
Witten RM; Shimizu FH; McMonigle EM;
Rao AKR, (Radiology), 150: 403, 1984
intralabyrinthine schwannoma, Vernick DM;
Graham MD; McClatchey KD, (Radiology),
156: 279, 1985

magnetic resonance imaging of the internal auditory canal, Daniels DL; Herfkens RJ; Koehler PR; Millen SJ; Shaffer KA; Williams AL; Haughton VM, (Radiology), 151: 105, 1984

MRI in acoustic neuroma: review of 35 patients, Curati WL; Graif M; Kingsley DPE; et al, (Neuroradiol), 28: 208,

pathologic features of keratosis obturans and cholesteatoma of the external auditory canal, Naiberg J; Berger G; Hawke M, (Radiology), 156: 568, 1985

postoperative CT findings in acoustic neurinomas operated upon by a translabyrinthine approach, Larsson E-M; Cronqvist 5; Sundbarg G; et al, (Neuroradiol), 28: 199, 1986

primary adenomatous neoplasm of the middle ear, Eden AA; Pincus RL; Parisier SC; et al, (Radiology), 152: 858, 1984

primary melanoma of the middle ear, McKenna EL Jr; Holmes WF; Harwick R, (Radiology), **156**: 862, 1985

soft-tissue abnormalities of the external sort-tissue annormatities or the external auditory canal: subject review of CT findings, Chakeres DW; Kapila A; LaMasters D, (Radiology), 156: 105, 1985 volume growth rate of acoustic neurinomas, Laasonen EM; Troupp H, (Neuroradiol), 28: 203, 1986

### Ear, prostheses

stapes prosthesis: evaluation with CT, Swartz JD; Lansman AK; Berger AS; Wolfson RJ; Bell G; Popky GL; Swartz NG, (Radiology), 158: 179, 1986

#### Ear, radionuclide studies

malignant external otitis: early scintigraphic detection, Strashun AM; Nejatheim M; Goldsmith SJ, (Radiology), 150: 541, 1984

#### Ear, surgery

arcuate eminence. topographic orientation in middle cranial fossa surgery, Kartush JM; Kemink JL; Graham MD, (Radiology), 157: 857, 1985

CT of the postsurgical ear, Johnson DW, (Radiol Clin North Am), 22: 67, 1984

endolymphatic sac surgery in Mondini's dysplasia: a report of 16 cases, Goin DW; Rasband RW; Mischke RE; et al, (Radiology), 154: 565, 1985

labyrinthine ossification secondary to childhood bacterial meningitis: implications for cochlear implant surgery, Becker TS; Eisenberg LS; Luxford WM; et al, (AJNR), 5: 739, 1984

stapes prosthesis: evaluation with CT, Swartz JD; Lansman AK; Berger AS; Wolfson RJ; Bell G; Popky GL; Swartz NG, (Radiology), 158: 179, 1986

#### Ear, tomography

Congenital sensorineural hearing loss, Mafee MF; Selis JE; Yannias DA; Valvassori GE; Pruzansky S; Applebaum EL; Capek V, (Radiology), 150: 427, 1984

self-masking subtraction tomosynthesis, Chakraborty DP; Yester MV; Barnes GT; Lakshminarayanan AV, (Radiology), **150**:

#### Ear, US studies

prenatal sonographic visualization of the inner ear, Isaacson G; Mintz MC, (J Ultrasound Med), 5: 409, 1986

**Ebstein anomaly** See Tricuspid valve

Echinococcosis

See also Parasites

case reports: hydatid heart disease, Franquet T; Lecumberri F; Joly M, (Radiology), 153: 266, 1984

computed tomography of intracerebral echinococcal cysts in children, McCorkell SJ; Lewall DB, (JCAT), 9: 514, 1985

computed tomography of pulmonary hydatid disease, Saksouk FA; Fahl MH; Rizk GK, (JCAT), 10: 226, 1986

CT characterization of multivesicular hydatid cysts, Kalovidouris A; Pissiotis C; Pontifex G; et al. (ICAT), 10: 428, 1986

echinococcal matrix: computed tomographic, sonographic, and pathologic correlation, Lewall DB; Bailey TM; McCorkell SJ, (J Ultrasound Med), 5: 33, 1986

hepatic alveolar echinococcosis: correlative US eparte alveolar echnolocolosis correlative US and CT study, Didier D; Weiler S; Rohmer P; Lassegue A; Deschamps JP; Vuitton D; Miguet JP; Weill F, (Radiology), 154: 179, 1985

hepatic echinococcal cysts: sonographic appearance and classification, Lewall DB; McCorkell SJ, (Radiology), 155: 773, 1985

hepatic echinococcal cyst: successful percutaneous drainage, Mueller PR; Dawson SL; Ferrucci JT Jr; Nardi GL, (Radiology), 155: 627, 1985

hepatic echinococcal cyst: successful percutaneous drainage, Morris DL, (Radiology), 159: 567, 1986

hepatic echinococcal cyst: successful percutaneous drainage: reply, Mueller PR, (Radiology), **159**: 567, 1986

hydatid cyst of the heart in children, a series of nine cases, Mechmeche R; Cheikh MB; Bousnina A; et al, (Radiology), 153: 566, 1984 hydatid disease of bone, Rong SH; Nie ZQ, (Radiology), 157: 566, 1985

hydatid disease of the pelvis, Clements R; Bowyer FM, (Clin Radiol), 37: 375, 1986

magnetic resonance imaging in cerebral alveolar echinococcus (case report), Bauer WM; Obermuller H; Vogl T; et al, (Radiology), 155: 556, 1985

MR imaging in spinal echinococcosis, Mikhael MA; Ciric IS; Tarkington JA, (JCAT), 9: 398, 1985

multiple intracranial hydatid cysts, Gordillo I; Millan JM; Escudero L; et al, (Neuroradiol), 28: 285, 1986

noncystic appearance of intraperitoneal Echinococcus on ultrasonic examination, Davies RP; Kennedy G; Chatterton BE, (JCU), 14: 55, 1986

postsurgical evaluation of hydatid disease with CT: diagnostic pitfalls, Kalovidouris A; Gouliamos A; Demou L; et al, (JCAT), 8: 1114, 1984

primary extradural intracranial hydatid disease: CT appearance, Ba'assiri A; Haddad FS, (AJNR), 5: 474, 1984

radiological changes under effect of mebendazole on univesicular hydatid cysts in the liver and lung, Bekhti A; Nizet M, (Eur J Radiol), 6: 156, 1986

radiology of hydatid disease, Beggs I, (AJR), 145: 639, 1985

rupture of echinococcal cysts: diagnosis, classification, and clinical implications, Lewall DB; McCorkell SJ, (AJR), 146: 391,

two-dimensional echocardiographic study of a cardiac hydatid cyst, Ernst A; Cikes I; Radovanovic N, (Radiology), **152**: 863, 1984

ultrasonographic features of hydalid cyst of the pancreas. report of 2 cases, Zakari S; Ajani A; Dhobb OH; et al, (Radiology), 156: 266, 1985

unintended percutaneous aspiration of pulmonary echinococcal cysts, McCorkell SJ, (AJR), 143: 123, 1984

value of ultrasonography in the diagnosis of hydatid cysts of the heart. five cases, Hernigou A; Plainfosse MC; Meran S; et al, (Radiology), 152: 864, 1984

Echocardiography See Heart, US studies

Economics, medical advances in imaging technology and their impact on medicine: Mackenzie Davidson Memorial Lecture, April 1986, Margulis AR; Shea WJ Jr, (Br J Radiol), 59: 309, 1986 changing patterns in the evaluation of renal masses: economic implications, Zimmer WD; Williamson B Jr; Hartman GW; et al, (AJR), 143: 285, 1984

cost incentives for peripheral angioplasty, Kinnison ML; White RI Jr; Bowers WP; et al,

(AJR), 145: 1241, 1985
DRGs and the radiologist as a consultant,
Shuman WP; Heilman RS; Carson EB, (AJR),
143: 193, 1984

143: 193, 1984
economic and utilization analysis of magnetic resonance imaging units in the United States in 1985, Evens RG; Jost RG; Evens RG Jr, (AJR), 145: 393, 1985
economic costs of nuclear magnetic resonance imaging, Evens RG, (Radiology), 154: 281, 1985

1985
impact of prospective payment systems on diagnostic imaging services, Mullenburg RH, (AJR), 145: 1122, 1985
Medicare amendments change teaching hospital reimbursement, Linton OW, (Radiology), 161: 567, 1986
outpatient arteriography: its safety and cost effectiveness, Wolfel DA; Lovett BP; Ortenburger AI; Johnson LS; Sommerville DL, (Radiology), 153: 363, 1984 radiology and the marketplace, Dodd GD, (AJR), 145: 1120, 1985

radiology in the medical swirl, Linton OW, (AIR), 145: 1118, 1985

See also Opinions

Adele Swenson, Executive Director, Radiological Society of North America, 1971–1985, Elkin M, (Radiology), **154**: 539,

art and some practical aspects of abstract writing, Redman HC, (Radiology), 158: 270,

assessment of impotence with cavernosography, Friedenberg RM, (Radiology), 161: 842, 1986

award winning scientific exhibits—1985, Tuddenham WJ, (Radiographics), 6: 151,

1986
dealing with conflicts of interest, Relman AS,
(Radiology), 153: 576, 1984
Douglas W. MacEwan, M.D. President,
Radiological Society of North America, 1984,
Zylak CJ, (Radiology), 150: 269, 1984
DRGs and the radiologist as a consultant,
Shuman WP; Heilman RS; Carson EB, (AJR),
143: 193, 1984

143: 193, 1984 editorial retrospective. computed tomography. a controversy revisited, Evens RG, (Radiology), 153: 858, 1984 editor's page, Tuddenham WJ, (Radiographics), 5: 4, 1985 editor's page, Tuddenham WJ, (Radiographics), 5: 147, 1985 editor's page, Tuddenham WJ, (Radiographics), 6: 751, 1986 editor's page, Tuddenham WJ, (Radiographics), 6: 751, 1986 editor's page, Tuddenham WJ

editor's page, Tuddenham WJ, (Radiographics), 6: 951, 1986

editor's page: hail and farewell, Tuddenham WJ, (Radiographics), 5: 523,

editor's page: how intransitive can one be?, Tuddenham WJ, (Radiographics), 6: 349,

editor's page: . . . in defense of opacity, Tuddenham WJ, (Radiographics), 6: 171, 1986

editor's page: on the parameters of style, Tuddenham WJ, (Radiographics), 5: 336, 1985

editor's page: on the selection of articles for publication in RadioGraphics, Tuddenham WJ, (Radiographics), 6: 533,

1986
editor's page: the 71st scientific assembly and
annual meeting, Tuddenham WJ,
(Radiographics), 6: 3, 1986
editor's page: what does it mean to me modal?,
Tuddenham WJ, (Radiographics), 5: 819,

establishing efficacy through consensus conferences, Doppman JL, (Radiology), **161**: 566, 1986

566, 1986
Eugene P. Pendergrass New Horizons for Radiologists Lecture, Brady LW Jr.
Campbell RE, (Radiology), 156: 841, 1985
first distinguished scientist, Department of Radiologic Pathology, Armed Forces Institute of Pathology, Hartman DS, (Radiology), 156: 549, 1985
interventional radiology: challenges and initiatives, Becker GJ, (Radiology), 161: 562, 1986

interventional radiology: we can't have it both ways, White RI Jr, (Radiology), 161: 565, 1986

James J. McCort, MD, President, Radiological Society of North America, 1986, Pendergrass HP, (Radiology), 158: 272, 1986

Luther W. Brady, Jr., M.D.—president, Radiological Society of North America, 1985, Campbell RE, (Radiology), 154: 251, 1985

manuscript processing at the RSNA publications office, Arnold RE, (Radiology), 158: 267, 1986

Mary Ann Tuft: New Executive Director, Radiological Society of North America, Buenger RE, (Radiology), 155: 839, 1985

note of thanks, Brady LW Jr; Eyler WR, (Radiology), 157: 831, 1985 note of thanks, McCort JJ; Siegelman SS, (Radiology), **161**: 845, 1986

Radiological Society of North America Seventieth Scientific Assembly and Annual Meeting, Washington Convention Center, Washington, DC, MacEwan DW, (Radiology), 152: 541, 1984

Radiological Society of North America, seventy-first scientific assembly and annual meeting, McCormick Place, Chicago, Illinois, Brady LW Jr. (Radiology), 156: 550,

Radiological Society of North America, seventy-second scientific assembly and annual meeting, McCormick Place, Chicago, Illinois, McCort JJ, (Radiology), **160**: 565,

Radiology 1986, Siegelman SS, (Radiology), 158: 265, 1986

reprints in the electronic age, Eyler WR, (Radiology), 151: 804, 1984

Richard E. Buenger, MD, President, Radiological Society of North America, 1987, Huckman MS, (Radiology), **161**: 843, 1986

RSNA '83: gold medalists and honorary members, Lester RG, (Radiology), **150**: 839, 1984

RSNA Research and Education Fund: exciting step into the future, McCort JJ, (Radiology), 154: 541, 1985

RSNA today, Jones MD; Heitzman ER, (Radiology), 161: 276, 1986

scientific exhibits: the great communicator, Earnest F IV, (Radiographics), 6: 319, 1986

search committee for an editor, McCort JJ, (Radiology), 151: 532, 1984 second Distinguished Scientist, Department of Radiologic Pathology, Armed Forces Institute of Pathology, Hartman DS, (Radiology), 160: 277, 1986

seventieth scientific assembly and annual meeting, Eyler WR, (Radiology), **154**: 831, 1985

sixty-ninth scientific assembly and annual meeting, Eyler WR, (Radiology), 150: 603,

socioeconomic and ethical issues in medicine: toward understanding and dialogue, Heitzman ER; Buenger RE, (Radiology), 159: 282, 1986

Stanley S. Siegelman, M.D., new Editor, Radiology, Heitzman ER, (Radiology), 156: 251, 1985

systems components for consideration in purchasing an NMR imager, Droege RT; Ekstrand KE; Coffey CW II, (Radiographics), 6: 154, 1986

what is a useful adjunct to mammography?, Kopans DB, (Radiology), 161: 560, 1986 William R. Eyler, M.D., McCort JJ, (Radiology), 157: 829, 1985

Education

academic uroradiology: the future, Hartman GW; McClennan BL; Pfister RC, (Radiology), **158**: 559, 1986

alumni perceptions of adequacy of training in diagnostic radiology, Rubin SA; Meier RS; Schreiber MH, (Invest Radiol), 21: 492, 1986

case for a clinical year prior to radiology residency, Ravin CE, (Invest Radiol), 21: 287, 1986

clinical radiographs of the cadaver as a teaching aid in anatomy, Pantoja E; Nagy F; Zambernard J, (Radiology), **155**: 28, 1985

Clinical radiology for medical students, Evans KT; Butler NF; Gravelle IH; Roberts GM, Reviewed by Feczko PJ, (Radiology), 152: 574, 1984

comparison of lecture and case presentation formats for teaching radiology to residents, Smith WL; Berbaum K; Franken EA Jr; et al, (Invest Radiol), 21: 285, 1986 computer-aided instructional module for radiological physics, Starkschall G; Riggs JD; Lowther JR II, (Int J Radiat Oncol Biol Phys),

computer-assisted instruction in radiology, Aronberg DJ; Rodewald SS; Jost RG, (Radiology), **154**: 345, 1985

computer-assisted scheduling of radiology resident call, Larson TC III; Larson SL; Harle TS, (Invest Radiol), 21: 424, 1986

computer-generated examinations for residents in radiology, Crass JR, (AJR), 146: 413, 1986

constructing pre- and post-tests in a medical student elective, Blane CE; Calhoun JG; Vydareny KH, (Invest Radiol), 21: 743, 1986

critical incident interviewing in evaluation of resident performance, Tarico V; Smith WL; Altmaier E; Franken EA; Van Velzen D, (Radiology), 152: 327, 1984

evaluation of computer-assisted instruction in radiology, Jacoby CG; Smith WL; Albanese MA, (AJR), 143: 675, 1984

measurement and prediction of diagnostic performance during radiology training, Berbaum KS; Smoker WRK; Smith WL, (AJR), 145: 1305, 1985

medical student education: practical approach to radiology, Pope TL Jr, (Invest Radiol), 21:

multiple choice questions in radiology, Stringer D, Reviewed by Wopperer DP, (Radiology), **152**: 304, 1984

radiologic-pathologic-clinical correlation in mechanisms of disease course, Oldham SA; Jacobson F, (Invest Radiol), 21: 365, 1986

Jacobson F, (Invest Nation), Service and Investment of the medical school curriculum, Squire LF; Novelline RA, (Radiology), 156: 243, 1885

Novelline RA, (Radiology), 136: 243, 1965 residency review committee for radiology: its organization, function, and performance in diagnostic radiology, Sebring RH; Jacobson HG, (AJR), 142: 833, 1984 RSNA today, Jones MD; Heitzman ER, (Radiology), 161: 276, 1986

teaching file program for use in an ultrasound department, Garra BS; Kurtz D; Shawker TH; et al, (J Ultrasound Med), 5: 313, 1986

Clin North Am), 24: 97, 1986
tentative diagnoses facilitate the detection of diverse lesions in chest radiographs, Berbaum KS; Franken EA Jr; Dorfman DD; et al, (Invest Radiol), 21: 532, 1984

uniform acceptance date for resident recruitment, Cuttino JT Jr; Scatliff JH, (Invest Radiol), 21: 170, 1986

excretory urography in current practice: evidence against overutilization, Doubilet PM; McNeil BJ; Van Houten FX; Berenberg A; Ratnofsky S; Greenes RA; Anderson JW; Mellins HZ; Abrams HL, (Radiology), **154**: 607, 1985

(Nationary), 134, 607, 136

Efficacy study, CT

computed tomographic studies of the painful abdomen, Benson M; Bree RL; Schwab RE; Ouimette M, (Radiology), 155: 443, 1985

countette M., (Radiology), 139: 443, 1793 esophageal cancer staging by CT: long-term follow-up study, Halvorsen RA Jr; Magruder-Habib K; Foster WL Jr; Roberts L Jr; Postlethwait RW; Thompson WM, (Radiology), 161: 147, 1986

**Ehlers-Danlos syndrome** 

perforation of the superior vena cava: a complication of digital angiography in Ehlers-Danlos syndiome, Driscoll SHM; Gomes AS; Machleder HI, (AJR), 142: 1021, 1984

type IX Ehlers-Danlos syndrome: a new variant with pathognomonic radiographic features, Sartoris DJ; Luzzatti L; Weaver DD; Macfarlane JD; Hollister DW; Parker BR, (Radiology), 152: 665, 1984

case report 349, Monsees B; Destouet JM; Totty WG; et al, (Skeletal Radiol), 15: 154,

cubital tunnel in ulnar entrapment neuropathy, St. John JN; Palmaz JC, (Radiology), **158**: 119, 1986

humeroradial synostosis, Jacobsen ST; Crawford AH, (Radiology), **150**: 860, 1984

symptomatic radiographic variants in extremities, Lawson JP, (Radiology), 157: 625, 1985

Elbow, anatomy

ossification centers of the pediatric elbow: rare normal variant, Resnik CS; Hartenberg MA, (Pediatr Radiol), 16: 254, 1986

radial head-capitellum view in elbow trauma: clinical application and radiographicanatomic correlation, Greenspan A; Norman A; Rosen H, (AJR), 143: 355, 1984

Elbow, arthrography

arthrography in the posttraumatic elbow in children, Blane CE; Kling TF Jr; Andrews JC; et al, (AJR), 143: 17, 1984

elbow arthrography: a reassessment of the technique. Teng MMH; Murphy WA; Gilula LA; Destouet JM; Edelstein G; Monsees B; Totty WG, (Radiology), 153: 611,

elbow joint: assessment with double-contrast CT arthrography, Singson RD; Feldman F; Rosenberg ZS, (Radiology), **160**: 167, 1986

tumor involvement of peripheral joints other than the knee: arthrographic evaluation, De Smet AA; Levine E; Neff JR, (Radiology), 156: 597, 1985

Elbow, CT

elbow joint: assessment with double-contrast CT arthrography, Singson RD; Feldman F; Rosenberg ZS, (Radiology), **160**: 167, 1986

Elbow, dislocation

arthrography of the dislocated elbow joint, Josefsson PO; Andren L; Gentz CF; et al, (Radiology), **154**: 555, 1985

Elbow, injuries

arthrography in the posttraumatic elbow in children, Blane CE; Kling TF Jr; Andrews JC; et al, (AJR), 143: 17, 1984

assessment of the radial head-capitellum view and the dorsal fat-pad sign in acute elbow trauma, Hall-Craggs MA; Shorvon PJ; Chapman M, (AJR), 145: 607, 1985

case report 355, Retrum RK; Wepfer JF; Olen DW; et al, (Skeletal Radiol), 15: 185,

critical evaluation of the radial head-capitellum view in elbow trauma, Page AC, (AJR), **146**: 81, 1986

danger of loss of reduction of supracondylar elbow fracture during radiograhy, Crawford AH; Oestreich AE, (Radiology), 151: 820, 1984

elbow joint: assessment with double-contrast CT arthrography, Singson RD; Feldman F; Rosenberg ZS, (Radiology), **160**: 167, 1986

radial head-capitellum view in elbow trauma: clinical application and radiographic-anatomic correlation, Greenspan A; Norman A; Rosen H, (AJR), 143: 355, 1984

Elbow, prostheses

prosthetic replacement of the elbow, Weissman BNW; Ewald FC, (Semin Roentgenol), 21: 66, 1986

Elbow, radiography

ssessment of the radial head-capitellum view and the dorsal fat-pad sign in acute elbow trauma, Hall-Craggs MA; Shorvon PJ; Chapman M, (AJR), 145: 607, 1985

critical evaluation of the radial head-capitellum view in elbow trauma, Page AC, (AJR), 146: 81, 1986

danger of loss of reduction of supracondylar elbow fracture during radiograhy, Crawford AH; Oestreich AE, (Radiology), 151: 820, 1984

halfmoon sign, Schild H; Muller HA; Klose K, (Radiology), 150: 612, 1984 Elbow, radionuclide studies

acute flexion of the elbow: optimal imaging position for visualization of the capitellum, Fink-Bennett D; Carichner S, (Clin Nucl Med), 11: 667, 1986

Electrocardiography (ECG)

ECG-synchronized cardiac MR imaging: method and evaluation, Lanzer P; Barta C; Botvinick EH; Wiesendanger HUD; Modin G; Higgins CB, (Radiology), 155: 681,

Electrocoagulation

precision cautery excision of pulmonary lesions, Cooper JD; Perelman M; Todd TRJ; et al, (Radiology), **160:** 572, 1986

Electrolysis

electrolysis electrolysis for recanalization of urinary collecting system obstructions: percutaneous approach, Cardella JF; Hunter DW; Castaneda-Zuniga WR; Hulbert JC; Young AT; Coleman CC; Mercado S; Amplatz K, (Radiology), 155: 87, 1985

Ellison-Zollinger syndrome See Pancreas, neoplasms

**Embolism** 

See also Thrombosis

arterial and venous embolization: declotting of dialysis shunts by direct injection of streptokinase, Zeit RM, (Radiology), 159: 639, 1986

639, 1986
balloon embolectomy catheter used percutaneously, Zimmerman JJ;
Cipriano PR; Hayden WG; Fogarty TJ,
(Radiology), 158: 260, 1986
balloon embolectomy catheter used percutaneously, McDermott JC;
Crummy AB; Starck EE, (Radiology), 160: 279, 1986

balloon embolectomy catheter used percutaneously: reply, Cipriano PR, (Radiology), 160: 279, 1986

diffuse disseminated atheroembolism. three cases with neuro-ophthalmic manifestation, Coppeto JR, Lessell 5; Lessell IM; et al, (Radiology), 153: 570, 1984

(Radiology), 153: 570, 1984
embolism detection and prevention using
scintigraphy during therapeutic arterial
blockade, Seo H5; Surui 5; Kokubo T;
Yashiro N; Nishikawa J; Itai Y; Io M,
(Radiology), 157: 815, 1985
percutaneous aspiration
thromboembolectomy, Starck EE;
McDermott JC; Crummy AB;
Turnipseed WD; Acher CW; Burgess JH,
(Radiology), 156: 61, 1985

percutaneous embolectomy by transcatheter aspiration, Sniderman KW; Bodner LJ; Saddekni S; Srur M; Sos TA, (Radiology),

150: 357, 1984 thromboembolism in patients with atrial fibrillation, Sherman DG; Goldman L; Whiting RB; et al, (Radiology), 155: 859, 1985

Embolism, fat

fat embolism syndrome, Williams AG Jr; Mettler FA Jr; Christie JH; et al, (Clin Nucl Med), 11: 495, 1986

pulmonary imaging in fat embolism syndrome, Park H-M; duCret RP; Brindley DC, (Clin Nucl Med), 11: 521, 1986

Embolism, foreign body
portal venous tumor casts causing defect on
hepatic imaging, Leekam RN; Bayley TA;
Shankar L; et al, (Clin Nucl Med), 11: 519,
1986

retrieval of coil after unintentional embolization of ileocolic artery, Vujic I; Moore L; McWey RE, (Radiology), **160**: 563,

Embolism, gas
air embolism: a potential complication of
retrograde pyelography, Pyron CL; Segal AJ,
(Radiology), 151: 260, 1984

cerebrovascular effects of intraarterial CO<sub>2</sub> in quantities required for diagnostic imaging, Coffey R; Quisling RG; Mickle JP; Hawkins IF Jr; Ballinger WE, (Radiology), 151: 405, 1984

Embolism, hepatic

bile duct necrosis: complication of transcatheter hepatic arterial embolization, Makuuchi M; Sukigara M; Mori T; Kobayashi J; Yamazaki S; Hasegawa H; Moriyama N; Takayasa K; Hirohashi S, (Radiology), 156: 331, 1985

(Nationogy), 130: 331, 1703 hepatocellular carcinoma: combined hepatic, arterial, and portal venous embolization, Nakao N; Miura K; Takahashi H; Ohnishi M; Miura T; Okamoto E; Ishikawa Y, (Radiology), 161: 303, 1986

Embolism, oil

hepatic oil embolism following lymphangiography, Lee S, (J Ultrasound Med), 4: 357, 1985

Embolism, pulmonary

angiography of pulmonary emboli: digital studies and balloon-occlusion cineangiography, Ferris EJ; Holder JC; Lim WN; et al, (AJR), 142: 369, 1984 breakdancer's pulmonary embolism, Tiu S; Srinivasan I; Banner HJ; et al, (Clin Nucl Med), 11: 402, 1986

pulmonary embolism, Matsuda A, (Radiology), 154: 269, 1985

- catheter-directed low dose streptokinase infusion: a preliminary experience. Risius B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW, (Radiology), 150: 349, 1984
- central thrombi in pulmonary arterial hypertension detected by MR imaging, Fisher MR; Higgins CB, (Radiology), 158: 223, 1986
- chronic pulmonary embolism in children, Woodruff WW III; Merten DF; Wagner ML; Kirks DR, (Radiology), 159: 511, 1986
- demonstration of pulmonary embolism by magnetic resonance imaging, Thickman D; Kressel HY; Axel L, (AJR), 142: 921, 1984
- diagnostic value of ventilation-perfusion lung scanning in patients with suspected pulmonary embolism, Hull RD; Hirsh J; Carter CJ; et al, (Radiology), **159**: 820, 1986
- differentiation of patients with primary and thromboembolic pulmonary hypertension, D'Alonzo GE; Bower JS; Dantzker DR, (Radiology), 153: 845, 1984
- digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism, Grossman ZD; Ellis DA; Brigham SC; Farrar FM; Sternick AN; Bramhava D, (Radiology), 150: 843, 1984
- digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism: reply, Ludwig JW, (Radiology), 150: 844, 1984
- (Nationogy), 350, 644, 754 distribution of 15- and 137-µ diameter microspheres in the dog lung in the axial plane, Chiles C; Hedlund LW; Kubek RJ; et al. (Invest Radiol), 21: 618, 1986
- EKG-gated digital subtraction angiography in the detection of pulmonary emboli, Hirji M; Gamsu G; Webb WR; Brito AC; Kuriyama K; Stern RG; Cox L, (Radiology), 152: 19, 1984
- evaluation of pulmonary embolism, Blinder RA; Coleman RE, (Radiol Clin North Am), 23: 391, 1985
- experience with the Amplatz retrievable vena caval filter: work in progress, Darcy MD; Cardella JF; Hunter DW; Smith TP; Castaneda-Zuniga WR; Lund G; Amplatz K, (Radiology), 161: 611, 1986
- experimental pulmonary emboli detected using magnetic resonance, Gamsu G; Hirji M; Moore EH; Webb WR; Brito AC, (Radiology), **153**: 467, 1984
- free-floating iliofemoral thrombus. risk of pulmonary embolism, Norris CS; Greenfield LJ; Herrmann JB, (Radiology), 158: 281, 1986
- Greenfield caval filters: long-term radiographic follow-up study, Messmer JM; Greenfield LJ, (Radiology), **156**: 613, 1985
- imaging of pulmonary embolism, Sostman HD; Rapoport S; Gottschalk A; et al, (Invest Radiol), **21**: 443, 1986
- Kr-81m gas and <sup>99m</sup>Tc-MAA V/Q ratio images for detection of V/Q mismatches, Kramer EL; Sanger JJ, (Radiology), **155**: 557, 1985
- Kr-81m ventilation imaging: clinical utility in suspected pulmonary embolism, Rosen JM; Biello DR; Siegel BA; Seldin DW; Alderson PO, (Radiology), **154**: 787, 1985
- "low-probability" ventilation-perfusion scintigrams: clinical outcomes in 99 patients, Lee ME, Biello DR; Kumar B; Siegel BA, (Radiology), 156: 497, 1985
- "matching" ventilation/perfusion images in fat embolization, Skarzynski JJ; Slavin JD Jr; Spencer RP; et al. (Clin Nucl Med), 11: 40, 1986
- new vena caval filter for percutaneous placement and retrieval: experimental study, Lund G; Rysavy JA; Salomonowitz E; Cragg AH; Kotula F; Castaneda-Zuniga WR; Hunter DW; Coleman CC; Amplatz K, (Radiology), 152: 369, 1984
- percutaneous transcatheter filter for the inferior vena cava: a new device for treatment of patients with pulmonary embolism, Roehm JOF Jr; Gianturco C; Barth MH; Wright KC, (Radiology), 150: 255, 1984
- pulmonary angiography, ventilation lung scanning, and venography for clinically suspected pulmonary embolism with abnormal perfusion lung scan, Hull RD; Hirsh J; Carter CJ; et al, (Radiology), 151: 257, 1984

- pulmonary emboli from a platelet-rich thrombus attached to a pacemaker electrode, Davis G; Kaplan K; Kwaan HC, (Radiology), 152: 250, 1984
- pulmonary embolus: detection and follow-up using magnetic resonance, Moore EH; Gamsu G; Webb WR; Stulbarg MS, (Radiology), 153: 471, 1984
- radiographic findings in pulmonary hypertension from unresolved embolism, Woodruff WW III; Hoeck BE; Chitwood WR Jr; et al, (AJR), 144: 681, 1985
- regional comparison of technetium-99m DTPA aerosol and radioactive gas ventilation (xenon and krypton) studies in patients with suspected pulmonary embolism, Ramanna L; Alderson PO; Waxman AD; et al, (J Nucl Med), 27: 1391, 1986
- Med, 27: 1371, 1700
  role of chest radiography in predicting the extent of airway disease in patients with suspected pulmonary embolism, Smith R; Ellis K; Alderson PO, (Radiology), 159: 391, 1986
- short-term prophylaxis of pulmonary embolism by using a retrievable vena cava filter, Darcy MD; Smith TP; Hunter DW; et al, (AJR), 147: 836, 1986
- Tc-99m-DTPA aerosol and radioactive gases compared as adjuncts to perfusion scintigraphy in patients with suspected pulmonary embolism, Alderson PO; Biello DR; Gottschalk A; Hoffer PB; Kroop SA; Lee ME; Ramanna L; Siegel BA; Waxman AD, (Radiology), 153: 515, 1984
- transvenous catheter pulmonary embolectomy, Moore JH Jr; Koolpe HA; Carabasi RA; et al, (Radiology), 159: 575,
- two-dimensional echocardiographic features of multiple right atrial myxomas, Gladden JR; Dreiling RJ; Gollub SB; et al, (Radiology), 152: 863, 1984
- unusual pulmonary angiographic findings in suspected pulmonary embolism, Cassling R); Lois JF; Gomes AS, (AJR), 145: 995, 1985
- utilization of lung scans by clinicians, Frankel N; Coleman RE; Pryor DB; et al, (J Nucl Med), 27: 366, 1986
- vena caval filter to prevent pulmonary embolism: experimental study. work in progress, Gunther RW; Schild H; Fries A; Storkel S, (Radiology), 156: 315, 1985
- venous cannula for emergency catheter pulmonary embolectomy, Cope C, (Radiology), **161**: 553, 1986
- ventilation-perfusion scanning and pulmonary angiography: correlation in clinical high-probability pulmonary embolism, Braun SD; Newman GE; Ford KK; et al, (AJR), 143: 977, 1984
- ventilation-perfusion scanning of pulmonary embolism: refinement of predictive value through Bayesian analysis, Vea HW; Sirotta PS; Nelp WB, (AJR), 145: 967, 1985
- strottar's; Netly WB, (AJR), 143: 397, 1980 ventilation-perfusion scintigraphy in suspected pulmonary embolism: correlation with pulmonary angiography and refinement of criteria for interpretation, Spies WG; Burstein SP; Dillehay GL; Vogelzang RL; Spies SM, (Radiology), 159: 383, 1986

#### Embolism, renal

- angiomyolipomas in tuberous sclerosis: subselective embolotherapy with alcohol, with long-term follow-up study, Earthman WJ; Mazer MJ; Winfield AC, (Radiology), 160: 437, 1986
- local infusion of low-dose streptokinase for renal artery thromboembolism, Gagnon RF; Horosko F; Herba MJ, (Radiology), 156: 271, 1985
- treatment of renal artery embolism, Nicholas GC; DeMuth WE Jr, (Radiology), 153: 565, 1984

## Embolism, splenic

radiogallium hot spleen in Trousseau's syndrome with splenic vein occlusion, Dey HM; Karimeddini MK; Ciesielski TE; et al. (Clin Nucl Med), 11: 640, 1986

### Embolism, therapeutic

See Arteries, therapeutic blockade; Veins, therapeutic blockade

#### **Emission CT**

3D positron emission tomography: preliminary results, Ott RJ; Bateman JE; Batty V; et al, (Br J Radiol), **59**: 419, 1986

- Alzheimer's disease: focal cortical changes shown by positron emission tomography, Foster NL; Chase TN; Fedio P; et al, (Radiology), 151: 551, 1984
- analysis of emission tomographic scan data: limitations imposed by resolution and background, Kessler RM; Ellis JR Jr; Eden M, (Radiology), 154: 862, 1985
- (Radiology), 194: 662, 1960 application of single photon emission computed tomography to the diagnosis of ankylosing spondylitis of the spine, Jacobsson H; Larsson SA; Vesterskold L; et al, (Radiology), 153: 575, 1984
- application of SPECT scanning with I-123 HIPDM to forensic medicine, Boyko OB; Becker GJ; Burt RW; et al, (JCAT), 10: 885, 1986
- atlas of dopamine receptor images (PET) of the human brain, Inoue Y; Wagner HN Jr; Wong DF; et al, (JCAT), 9: 129, 1985
- automated body contour detection in SPECT: effects on quantitative studies, Hosoba M; Wani H; Toyama H; et al, (J Nucl Med), 27: 1184, 1986
- BGO detector unit for a stationary high resolution positron emission tomograph, Yamamoto S; Miura S; Iida H; et al, (JCAT), 10: 851. 1986
- blood tumour barrier in intracranial tumours studied with x-ray computed tomography and positron emission tomography using 68-Ga-EDTA, Mosskin M; von Holst H; Ericson K, (Neuroradiol), 28: 259, 1986
- brain imaging: aging and dementia, Cutler NR; Duara R; Creasey H; et al, (Radiology), **154**: 277, 1985
- cardiac emission computed tomography: underestimation of regional tracer concentrations due to wall motion abnormalities, Parodi O; Schelbert HR; Schwaiger M; et al, (JCAT), 8: 1083, 1984
- choroid plexus carcinoma: report of a case with positron emission tomographic study, Itoh Y; Kowada M; Mineura K, (Neuroradiol), 28: 374, 1986
- clinical brain imaging with isopropyliodoamphetamine and SPECT, Royal HD; Hill TC; Holman BL, (Semin Nucl Med), 15: 357, 1985
- 307, 1783 clinical evaluation of 99mTc-pyrophosphate myocardial emission computed tomography: comparison with planar imaging, Tamaki N; Mukai T; Ishii Y; et al, (Radiology), 154: 570, 1985
- comparative anatomo-functional imaging of two neuroreceptors and glucose metabolism: a PET study performed in the living baboon, Larson SM; Di Chiro G, (JCAT), 9: 676, 1985
- comparison between 180° and 360° data reconstruction in single photon emission computed tomography of the liver and spleen, Ott RJ; Flower MA; Khan O; et al, (Radiology), 152: 869, 1984
- comparison of low- and medium-energy collimators for SPECT imaging with iodine-123-labeled antibodies, Macey DJ; DeNardo GL; DeNardo SJ; et al, (J Nucl Med), 27: 1467, 1986
- computed emission tomography, Ell PJ; Holman BL, Reviewed by McCarthy J, (Radiology), **152**: 758, 1984
- computer assisted mapping in quantitative analysis of cerebral positron emission tomograms, Herholz K; Pawlik G; Wienhard K; et al, (JCAT), 9: 154, 1985
- contribution from random coincidences to PET images: effect of detector "wobbling", Bergstrom M; Rogers JG; Pate BD, (JCAT), 9: 546, 1985
- definition of hepatic tumor microcirculation by single photon emission computerized tomography (SPECT), Gyves JW; Ziessman HA; Ensminger WD; et al, (Radiology), 157: 287, 1985
- (Matthogy), 377-207, 1795 design and clinical utility of a fan beam collimator for SPECT imaging of the head, Tsui BMW; Gullberg GT; Edgerton ER; et al, (J Nucl Med), 27: 810, 1986
- design and evaluation of a positron emission tomograph: HEADTOME III, Kanno I; Miura S; Yamamoto S; et al, (Radiology), 9: 931, 1985
- detection of severe coronary heart disease with T1-201: comparison of resting single photon emission tomography with invasive arteriography, Kirsch C-M; Doliwa R; Buell U; et al, (Radiology), 152: 869, 1984

- determination of regional cerebral blood flow in patients with cerebral infarction, use of fluoromethane labeled with fluorine 18 and positron emission tomography, Celesia GG; Polcyn RE; Holden JE; et al, (Radiology), 153: 853, 1984
- diagnosis of diffuse hepatocellular diseases using SPECT, Kodama T; Watanabe K; Hoshi H; et al, (J Nucl Med), **27**: 616, 1986
- digital restoration of indium-111 and iodine-123 SPECT images with optimized Metz-filters, King MA; Schwinger RB; Penney BC; et al. (J Nucl Med), 27: 1327,
- distance-weighted backprojection: SPECT reconstruction technique, Nowak DJ; Eisner RL; Fajman WA, (Radiology), **159**:
- distance-weighted backprojection: SPECT reconstruction technique, Bice AN; Clausen M; Loncaric S; Zeeberg B; Wagner HN Jr, (Radiology), **161:** 852, 1986
- distance-weighted backprojection: SPECT reconstruction technique: reply, Eisner RL; Fajman WA; Nowak DJ, (Radiology), 161: 852 1986
- dopamine receptors in pituitary adenomas: PET visualization with <sup>11</sup>C-N-methylspiperone, Muhr C; Bergstrom M; Lundberg PO; et al. (ICAT), **10**: 175, 1986
- dynamic PET data analysis, Mazoyer BM; Huesman RH; Budinger TF; et al, (JCAT), 10: 645, 1986
- dynamic study of supratentorial gliomas with L-methyl-<sup>11</sup>C-methionine and positron emission tomography, Lilja A; Bergstrom K; Hartvig P; et al., (AJNR), 6: 505, 1985
- effect of changes in inflation and blood volume on regional lung density—PET study: 2, Schuster DP; Marklin GF, (JCAT), 10: 730, 1986
- electronically collimated gamma camera for single photon emission computed tomography, part 1: theoretical considerations and design criteria. part 2: image reconstruction and preliminary measurements, Singh M; Doria D, (Radiology), **151**: 281, 1984
- evaluation of distance-weighted SPECT reconstruction for skeletal scintigraphy, Hellman R5; Nowak D; Collier BD; Isitman A; Eisner RL, (Radiology), **159**: 473,
- extramedullary hematopoiesis: demonstration by transmission and emission computed tomography, Parker LA; Vincent LM; Mauro MA; et al, (Clin Nucl Med), 11: 1,
- frequency and patterns of abnormality detected by iodine-123 amine emission CT after cerebral infarction, Brott TG; Gelfand MJ; Williams CC; Spilker JA; Hertzberg VS, (Radiology), **158**: 729, 1986
- hepatic hemangioma: diagnosis by emission computed tomography. Talley MA; Nguyen DL; Leonard JC, (Clin Nucl Med), 11: 49, 1986
- imaging local brain function with emission computed tomography, Kuhl DE, (Radiology), **150**: 625, 1984
- imaging of cerebral blood flow-to-volume distribution using SPECT, Knapp WH; von Kummer R; Kubler W, (J Nucl Med), 27: 465, 1986
- imaging opiate receptors in the human brain by positron tomography, Frost JJ; Wagner HN Jr; Dannals RF; et al, (JCAT), 9:
- improvements in SPECT technology for cerebral imaging, Esser PD, (Semin Nucl Med), **15**: 335, 1985
- influence of intravascular activity on the determination of blood flow and oxygen extraction in normal and ulcerated legs using the <sup>15</sup>O steady-state technique and positron emission tomography, Spinks TJ Lammertsma AA; Jones T; et al, (JCAT), 9:
- interictal study of partial epilepsy using positron emission tomography and the oxygen-15 inhalation technique, Bernardi S; Trimble MR; Frackowiak RS; et al, (Radiology), 151: 266, 1984
- left ventricular volume determination from single-photon emission computed tomography, Bunker SR; Hartshorne MF; Schmidt WP; et al, (AJR), **144**: 295, 1985

- malignant external otitis: early scintigraphic detection, Strashun AM; Nejatheim M; Goldsmith SJ, (Radiology), **150**: 541, 1984
- maximum likelihood method for region-ofinterest evaluation in emission tomography, Carson RE, (JCAT), 10: 654, 1986
- measurement of absolute bone blood flow by positron emission tomography, Nahmias C; Cockshott WP; Belbeck LW; et al, (Skeletal Radiol), 15: 198, 1986
- methodologic factors affecting PET measurements of cerebral glucose metabolism, Jagust WJ; Budinger TF; Huesman RH; et al, (J Nucl Med), 27: 1358,
- mismatch between iodine-123 and xenon-133 SPECT rCBF measurement, Steinling M; Destee A, (Clin Nucl Med), 11: 13, 1986
- MR imaging and positron emission tomography of cortical heterotopia Bairamian D; Di Chiro G; Theodore WH; et al, (JCAT), 9: 1137, 1985
- N-[11C-methyl]chlorphentermine and N,N-[11C-dimethyl]chlorphentermine as brain blood-flow agents for positron emission tomography, Kizuka H; Elmaleh DR; Boudreaux GJ; et al. (J Nucl Med), 27: 532, 1006
- patients with partial seizures: evaluation by MR, CT, and PET imaging, Latack JT; Abou-Khalil BW; Siegel GJ; Sackellares JC; Gabrielsen TO; Aisen AM, (Radiology), 159:
- performance characteristics of Positologica III: whole-body positron emission tomograph, Senda M; Tamaki N; Yonekura Y; et al, (JCAT), 9: 940, 1985
- PET measurement of regional lung density: 1, Schuster DP; Marklin GF; Mintum MA; et al, (JCAT), 10: 723, 1986
- pharmacokinetics of superselective intra-arterial and intravenous [11:C]BCNU evaluated by PET, Tyler JL, Yamamoto YL; Diksic M; et al, (J Nucl Med), 27: 775, 1986
- Dissic M, et al. () Nutri Meddy, 27:773, 1766 pheochromocytoma and the normal adrenal medulla: improved visualization with 1-123 MIBG scintigraphy, Lynn MD: Shapiro B; Sisson JC; Beierwaltes WH; Meyers LJ; Ackerman R; Mangner TJ, (Radiology), 155: 789, 1985
- 789, 1985
  pituitary adenoma with seizures: PET demonstration of reduced glucose utilization in the medial temporal lobe, Bairamian D; Di Chiro G; Blume H; et al, (JCAT), 10: 529, 1986
  plasmacytoma of the lumbar spine by SPECT, Hartshorne MF; Cawthon MA; Bauman JM, (Clin Nucl Med), 11: 65, 1986
- positron camera using position-sensitive detectors: PENN-PET, Muehllehner G; Karp JS, (J Nucl Med), 27: 90, 1986
- positron emission tomograph to study brain metabolism in man, Garnett ES; Nahmias C; Kenyon DB; et al, (Radiology), **150**: 872, 1984
- positron emission tomography for quantitative imaging of regional metabolism in the brain, Heiss W-D; Herholz K; Pawlik G; et al, (Radiology), **154**: 563, 1985
- positron emission tomography imaging of regional cerebral glucose metabolism, Alavi A; Dann R; Chawluk J; et al, (Semin Nucl Med), 16: 2, 1986
- positron emission tomography imaging—technical considerations, Muehllehner G; Karp JS, (Semin Nucl Med),
- positron emission tomography in cardiology, Correia JA; Alpert NM, (Radiol Clin North Am), 23: 783, 1985
- positron emission tomography in oncology—Massachusetts General Hospital experience, Brownell GL; Kairento A-L; Swartz M; et al. (Semin Nucl Med), 15: 201,
- positron emission tomography in the study of human tumors, Beaney RP, (Semin Nucl Med), **14**: 324, 1984
- positron emission tomography with ([¹¹C]methyl)-1-methionine, [¹¹C]D-glucose, and [88Ga]EDTA in supratentorial tumors, Ericson K; Lilja A; Bergstrom M; et al, (JCAT), 9: 683, 1985
- potential of NMR and PET for determining tumor metabolism, Miraldi F, (Int J Radiat Oncol Biol Phys), 12: 1033, 1986
- preparation of oxygen-15 butanol for positron tomography, Berridge MS; Franceschini MP; Tewson TJ; et al, (J Nucl Med), 27: 834, 1986

- principles of radionuclide emission imaging, Kuhl DE, ed, Reviewed by Schaub T; Gilday DL, (Radiology), 153: 522, 1984
- prominent confluence of the straight and transverse sinuses: potential pitfall in the interpretation of tomographic brain scans, Telepak RJ; Hartshorne MF; Cawthon MA; et al, (Clin Nucl Med), 11:
- quantitation in positron emission computed tomography: 7. technique to reduce noise in accidental coincidence measurements and coincidence efficiency calibration, Casey ME; Hoffman EJ, (JCAT), 10: 845, 1986
- quantitation of perfused myocardial mass using Tl-201 and emission computed tomography, Holman BL; Moore SC; Shulkin PM; et al, (Radiology), **151**: 561,
- quantitative analysis of D2 dopamine receptor binding in the living human brain by PET, Farde L; Hall H; Ehrin E; et al, (Radiology), 159: 822, 1986
- quantitative analysis of left-ventricular function using gated single photon emission tomography, Barat J-L; Brendel AJ; et al, (Radiology), 158: 573, 1986
- quantitative evaluation of regional pulmonary ventilation using PET and nitrogen-13 gas, Senda M; Murata K; Itoh H; et al, (J Nucl Med), 27: 268, 1986
- quantitative imaging of neuroreceptors in the living human brain, Wagner HN Jr, (Semin Nucl Med), **16**: 51, 1986
- regional cerebral blood flow assessed by <sup>133</sup>Xe inhalation and emission tomography: normal values, Shirahata N; Henriksen L; Vorstrup S; et al, (JCAT), 9: 861, 1985
- vorstrup S; et al. (JCAT), 9: 861, 1985 regional perfusion, glucose metabolism, and wall motion in patients with chronic electrocardiographic Q-wave infarctions: evidence for persistence of viable tissue in some infarct regions by positron emission tomography, Brunken R; Tillisch J; Schwaiger M; et al. (Radiology), 161: 285, 1986
- scatter distribution in transmission measurements with positron emission tomography, Chan B; Bergstrom M; Palmer MR; et al, (JCAT), 10: 296, 1986
- single-photon emission computed ngle-photon emission computed tomography: a method of measuring cerebral blood flow in three dimensions (preliminary results of studies in patients with epilepsy and stroke). Uren RF; Magistretti PL; Royal HD; et al, (Radiology), 150: 290, 1984
- single photon emission computed tomography (SPECT). part II: clinical applications, Coleman RE; Blinder RA; Jaszczak RJ, (Invest Radiol), 21: 1, 1986
- (Invest Radiol), 21: I, 1986 single photon emission computed tomography (SPECT), planar scintigraphy, and transmission computed tomography: a comparison of accuracy in diagnossing focal hepatic disease, Brendel AJ; Leccia F; Drouillard J; San Galli F; Eresue J; Wynchank S; Barat J-L; Ducassou D, (Radiology), 153: 527, 1984
- single photon emission tomography of lungs imaged with <sup>99m</sup>Tc-labeled aerosol, Logus JW; Trajan M; Hooper HR; et al, (Radiology), **155**: 286, 1985
- small hepatocellular carcinomas in chronic liver disease: detection with SPECT, Kudo M; Hirasa M; Takakuwa H; Ibuki Y; Fujimi K; Miyamura M; Tomita S; Komori H; Todo A; Kitaura Y; Ikekubo K; Torizuka K, (Radiology), 159: 697, 1986
- SPECT gallium imaging in abdominal lymphoma, Adcock KA; Friefeld GD; Waldron JA Jr, (Clin Nucl Med), 11: 346,
- SPECT in gallium imaging in a patient with metastatic melanoma, Edeburn GF; Tow DE, (Clin Nucl Med), 11: 528, 1986
- SPECT liver imaging using an iterative attenuation correction algorithm and an external flood source, Malko JA; Van Heertum RL; Gullberg GT; et al, (J Nucl Med), 27: 701, 1986
- SPECT quantification of technetium-99m microspheres within the canine lung, Osborne DR; Jaszczak RJ; Greer K; et al, (JCAT), 9: 73, 1985
- SPECT resolution and uniformity improvement by noncircular orbit, Gottschalk SC; Salem D; Lim CB; et al, (Radiology), 152: 871, 1984

- SPECT study of regional cerebral blood flow in Alzheimer disease, Bonte FJ; Ross ED; Chehabi HH; et al, (JCAT), 10: 579, 1986
- stereotactic method of anatomical localization for positron emission tomography, Fox PT; Perimutter JS; Raichle ME, (JCAT), 9: 141,
- technique for the correction of scattered radiation in a PET system using time-of-flight information, Bendriem B; Soussaline F; Campagnolo R; et al, (JCAT), 10: 287, 1986
- utility of SPECT for <sup>99m</sup>Tc-MAA hepatic arterial perfusion scintigraphy, Ziessman HA; Wahl RL; Juni JE; et al, (AJR), 145: 747, 1985
- ventilation imaging with positron emission tomography and nitrogen 13, Murata K; Itoh H; Senda M; Todo G; Yonekura Y; Torizuka K, (Radiology), 158: 303, 1986
- ventilation perfusion ratios of the normal supine lung using emission tomography, Lavender JP; Al-Nahhas AM; Myers MJ, (Radiology), 153: 574, 1984
- (Radiology), 153: 574, 1964
  volume and planar gated cardiac magnetic resonance imaging: a correlative study of normal anatomy with thallium-201 SPECT and cadaver sections, Go RT; MacIntyre WJ; Yeung HN; Kramer DM; Geisinger M; Chilcote WA; George C; O'Donnell JK; Moodie DS; Meaney TF, (Radiology), 150: 129, 1984.
- wedge-shaped scintillation crystals for positron emission tomography, Schmitt D; Lecomte R; LeBel E, (J Nucl Med), 27: 99,

#### Emphysema

radiographic and CT demonstration of mammary emphysema, Vargas FC; Vas W; Carlin B; et al, (JCAT), 9: 560, 1985

#### Emphysema, interstitial

- gastric emphysema demonstrated by computed tomography, Martin DF; Hartley G, (Br J Radiol), **59**: 505, 1986
- lateral decubitus position as therapy for persistent focal pulmonary interstitial report, Cohen RS; Smith DW; Stevenson DK; et al, (Radiology), 153: 850, 1984
- neonatal tension pulmonary interstitial emphysema in bronchopulmonary dysplasia: treatment with lateral decubitus positioning, Schwartz AN; Graham CB, (Radiology), 161: 351, 1986

#### Emphysema, mediastinal

mediastinal and subcutaneous emphysema associated with childhood measles, Odita JC; Akamaguna AI, (Radiology), 155: 854, 1985

## Emphysema, pulmonary

- centrilobular emphysema: CT-pathologic correlation, Foster WL Jr; Pratt PC; Roggli VL; Godwin JD; Halvorsen RA Jr; Putman CE, (Radiology), **159**: 27, 1986
- ruinan C.P., (Authorogy), 159: 27, 1360 centrilobular lesions of the lung: demonstration by high-resolution CT and pathologic correlation, Murata K; Itoh H; Todo G; Kanaoka M; Noma S; Itoh T; Furuta M; Asamoto H; Torizuka K, (Radiology), 161: 641, 1986
- current concepts in the management of neonatal ICU patients with pulmonary hypertension and localized barotrauma, Berdon WE, (Radiology), 158: 493, 1986
- diagnosis of emphysema: computed tomographic-pathologic correlation, Bergin CJ; Muller NL; Nichols DM; et al, (Radiology), **160**: 856, 1986
- pulmonary interstitial emphysema in very low birthweight infants, Hart SM; McNair M; Gamsu HR; et al, (Radiology), **151**: 822, 1984
- Gamsu HK, et al., (Kadiology), 151, 062, 1704 stripe sign in pulmonary perfusion scintigraphy: central pattern of pulmonary emphysema. work in progress, Murata K; Itoh H; Senda M; Noma S; Todo G; Yonekura Y; Nishimura K; Izumi T; Oshima S; Torizuka K, (Radiology), 160: 337,

#### Emphysema, subcutaneous

mediastinal and subcutaneous emphysema associated with childhood measles, Odita JC; Akamaguna AI, (Radiology), 155: 854, 1985

computed tomographic characteristics of pleural empyema, Shin MS; Ho K-J, (Radiology), 150: 295, 1984

- CT- and ultrasound-guided catheter drainage of empyemas after chest-tube failure, vanSonnenberg E, Nakamoto SK; Mueller PR; Casola G; Neff CC; Friedman PJ; Ferrucci JT Jr; Simeone JF, (Radiology), 151:
- CT demonstration of empyema necessitatis, Bhatt GM; Austin HM, (JCAT), 9: 1108, 1985
- Office of the state of the state of the state of the postpneumonectomy space, Heater K, Revzani L, Rubin JM, (AJR), 145: 39, 1985 percutaneous catheter drainage of pleural effusion and empyema, Westcott JL, (AJR), 144: 1189, 1985
- 144: 1199, 1965 subdural empyema: clinical and computed tomographic correlations, Weisberg L, (Radiology), 160: 861, 1986 subdural empyema: CT findings, Zimmerman RD; Leeds NE; Danziger A, (Radiology), 150: 417, 1984

#### Encephalitis

- ncephalitis
  CT of neonatal herpes encephalitis,
  Herman TE; Cleveland RH;
  Kushner DC; et al. (AJNR), 6: 773, 1985
  cytomegalic inclusion virus encephalitis in
  patients with AIDS: CT, clinical, and
  pathologic correlation, Post MJD;
  Hensley GT; Moskowitz LB; et al. (AJNR), 7:
  275, 1986
- cytomegalic inclusion virus encephalitis in patients with AIDS: CT, clinical, and pathologic correlation, Post MJD; Hensley GT; Moskowitz LB; et al, (AJR), 146: 1229, 1986
- herpes simplex encephalitis: CT findings in the neonate and young infant, Benator RM; Magill HL; Gerald B; et al, (AJNR), 6: 539,
- MRI in children with postinfectious disseminated encephalomyelitis, Dunn V; Bale JF Jr; Zimmerman RA; et al, (Magn Res Imag), 4: 25, 1986
- Imag), 4: 25, 1986

  reactivation of congenital cytomegalic inclusion disease in an infant with HTLV-III associated immunodeficiency. CT-pathologic correlation, Post MJD; Curless RG; Gregorios JB; et al, (JCAT), 10: 533, 1986
- symmetrical low density areas in bilateral thalami in an infant with measles encephalitis, Ochi J; Okuno T; Uenoyama Y; et al, (Comput Radiol), **10**: 137,
- ventricular shunt therapy of the brain: long-term rubber-catheter-induced inflammation, Woodruff WW Jr; Yeates AE; Dent GA, (Radiology), 158: 171, 1986

## Encephalocele

See Brain, hernia Encephalography

## See Brain, radiography

## Encephalomalacia

computed tomography evolution of multicystic encephalomalacia, Smith RR; Savolaine ER, (CT), **10**: 249, 1986

# Encephalopathy See Brain, diseases

## Enchondroma case report 368, Remagen W; Nidecker A; Dolanc B, (Skeletal Radiol), 15: 330, 1986

- generalised enchondromatosis associated with haemangiomas, soft-tissue calcifications and hemihypertrophy, Phelan EMD; Carty HML; Kalos S, (Br J Radiol), 59: 69. 1986
- multiple chondrosarcomas in dyschondroplasia (Ollier's disease), Cannon SR; Sweetnam DR, (Radiology), **156**: 565, 1985

#### **Endocarditis**

- aortic root abscess resulting from endocarditis: spectrum of angiographic findings, Miller SW; Dinsmore RE, (Radiology), 153:
- changing pattern of infective endocarditis, Kaye D, (Radiology), **157**: 565, 1985
- detailed analysis of aortic valve endocarditis: comparison of precordial, esophageal and epicardial two-dimensional echocardiography with surgical findings, Gussenhoven EJ; van Herwerden LA;
- Gussenhoven E.; van Herwerden LA; Roelandt J. et al., (CU). 14: 209, 1986 diagnosis of aortic root abscess by cross-sectional echocardiography, Mulcahy D; Shapiro LM; Westgate C; et al, (Clin Radiol), 37: 235, 1986
- echocardiographic diagnosis of flail anterior leaflet in tricuspid endocarditis, Bates ER; Sorkin RP, (Radiology), **151**: 558, 1984

- echocardiograph diagnosis of mitral obstruction in bacterial endocarditis, Grenadier E; Schuger C; Palant A; et al, (Radiology), **152**: 263, 1984
- (Radiology), 152: 267, 1594 echocardiographic findings in ruptured chordae tendineae of the tricuspid valve, Oliver J; Benito F; Gallego FG; et al, (Radiology), 151: 273, 1984
- infective endocarditis of the aortic valve with evidence of vegetations in the outflow tract of the left ventricle, Mancuso L; Canonico A; Pitrolo F; et al, (J Ultrasound Med), 5: 465,
- MRI of perivalvular infectious pseudoaneurysms, Winkler ML; Higgins CB, (AJR), 147: 253, 1986
- right-sided native-valve endocarditis caused by actinobacillus actinomycetemcomitans, Hirsh PD; Nixon JV, (Radiology), **152**: 562, 1984

## Endocardium, inflammation

See Endocarditis

#### Endocrine glands, abnormalities

- MEN I syndrome and islet cell lesions of the pancreas, Dodds WJ; Wilson SD; Thorsen MK; et al, (Semin Roentgenol), 20: 17, 1985
- multiple endocrine syndromes—a nightmare for the endocrinologic radiologist, Doppman JL, (Semin Roentgenol), **20**: 7, 1985
- radiologic features of multiple endocrine neoplasia types IIa and IIb, Dodd GD, (Semin Roentgenol), **20**: 64, 1985

## Endocrine glands, dysfunction

- changes in heart size and volume in certain endocrinal and nutritional deficiency diseases. a correlative study in twenty adult patients, Reddy ER, (Radiology), 153: 560, 1984
- incidence of late endocrine dysfunction following irradiation for childhood medulloblastoma, Abayomi OK; Sadeghi-Nejad A, (Int J Radiat Oncol Biol Phys), 12: 945, 1986
- problem-oriented approach to the imaging of pediatric endocrine disorders, Haller JO; Bass JS; Nardi PM; et al, (Semin US CT MR), 6: 321, 1985

- Endocrine glands, neoplasms

  MEN I syndrome and islet cell lesions of the pancreas, Dodds WJ; Wilson SD;

  Thorsen MK; et al, (Semin Roentgenol), 20: 17, 1985
- multiple endocrine syndromes—a nightmare for the endocrinologic radiologist, Doppman JL, (Semin Roentgenol), **20**: 7, 1985
- radiologic features of multiple endocrine neoplasia types IIa and IIb, Dodd GD, (Semin Roentgenol), **20**: 64, 1985

## Endometriosis

- abdominal wall endometrioma: CT findings Amato M; Levitt RG, (JCAT), 8: 1213, 1984 adnexal structures: MR imaging, Dooms GC; Hricak H; Tscholakoff D, (Radiology), 158:
- osy, 1960 endometriosis detection by US with laparoscopic correlation, Friedman H; Vogelzang RL; Mendelson EB; Neiman HL; Cohen M, (Radiology), 157: 217, 1985
- endometriosis simulating a soft tissue tumor of the thigh: CT and MR evaluation, Gitelis S; Petasnick JP; Turner DA; et al, (JCAT), 9:
- gastric polyps: radiological evaluation and clinical significance, Feczko PJ; Halpert RD; Ackerman LV, (Radiology), 155: 581, 1985
- hepatic endometrioma, Grabb A; Carr L; Goodman JD; et al, (JCU), 14: 478, 1986 secondary infection of an endometrioma
- following fine-needle aspiration, Martino CR; Haaga JR. Bryan PJ, (Radiology), 151: 53, 1984 sonographic demonstration of endometrioma
- arising in cesarean scar, Vincent LM; Mittelstaedt CA, (J Ultrasound Med), 4: 437, 1985

## Endometrium

See Uterus

## Endoscopic retrograde

- cholangiopancreatography (ERCP) absorption of contrast medium during ERCP, Sable RA; Rosenthal WS; Siegal J; et al, (Radiology), **151**: 819, 1984
- acute pancreatitis following endoscopic retrograde cholangiopancreatography, Hamilton I; Lintott DJ; Rothwell J; et al, (Radiology), **151**: 819, 1984

## Endoscopic retrograde cholangiopancreatography (ERCP)

biliary tree in cystic fibrosis: biliary tract abnormalities in cystic fibrosis demonstrated by endoscopic retrograde cholangiography, Bass 5: Connon JJ; Ho CS, (Radiology), 151: 258, 1984 carcinoma of the head of the pancreas: therapeutic implications of endoscopic retrograde cholangiopancreatography findings, Nix GAJJ; Schmitz PIM: Wilson JHP; et al., (Radiology), 156: 563, 1985 endoscopic retrograde cholangiogram and pancreatogram in chronic liver disease,

pancreatogram in chronic liver disease, Hamilton I; Lintott DJ; Ruddell WSJ; et al, (Radiology), **150**: 854, 1984

evaluation of the pancreatic duct: a reappraisal based on a retrospective correlative study by sonography and pancreatography in 117 normal and pathologic subjects, Didier D; Deschamps [P; Rohmer P; et al., (Radiology), 152: 266, 1984

immediate effects of retrograde pancreatography on the pancreas, Kivisaari L; Alitalo I, (Radiology), **153**: 267,

mucosal pattern of the gall bladder ("areae cholecysticae"), Kottler RE; Louw JH, (Radiology), **153**: 846, 1984

(Radiology), 153: 846, 1984 pancreas imaging by computed tomography after endoscopic retrograde pancreatography, Frick MP; O'Leary JF; Salomonowitz E; Stoltenberg P; Hutton S; Gedgaudas E, (Radiology), 150: 191, 1984 post-ERCP pancreatitis: association with urographic visualization during ERCP, Roszler MH; Campbell WL, (Radiology), 157: 595 1985

157: 595, 1985

157: 595, 1985
radiologic interpretation of ERCP: a clinical atlas, Bellon EM. Reviewed by Schabel SI, (Radiology), 150: 638, 1984
use of endoscopic retrograde choledochopancreatography (ERCP) in the diagnosis of internal fistulae complicating severe acute pancreatitis, McLatchie GR; Meek D; Imrie CW, (Radiology), 157: 849, 1985

variants of pancreatic duct system of importance in endoscopic retrograde cholangiopancreatography. observations on autopsy specimens, Sigtusson BF; Wehlin L; Lindstrom CG, (Radiology), 151: 819, 1984

Endoscopy

ndoscopy combined fluoroendoscopic removal of retained biliary stones, Berci G; Hamlin JA; Grundfest WS, (Radiology), 152: 847, 1984 diagnostic ultrasound via the gastroscope, Heyder N; Lutz H; Lux G, (Radiology), 151: 274

distribution of gastric ulcers by double contrast barium meal with endoscopic correlation, Thompson GT; Stevenson GW; Somers SS; et al, (Radiology), 153: 267, 1984

esophagus after endoscopic injection sclerotherapy: acute and chronic changes, Agha FP, (Radiology), **153**: 37, 1984 Agna FF, (Radiology), 153: 37, 1904 esophagus after injection sclerotherapy of varices: immediate postoperative changes, Tihansky DP; Reilly JJ; Schade RR; Van Thiel DH, (Radiology), 153: 43, 1984

optical triradiate nephroscope: new concept in percutaneous renal surgery, Miller RA; Wickham JEA, (Radiology), **154**: 273, 1985 percutaneous angioscopy. work in progress, Ferris EJ; Ledor K; ben-Avi DD; Baker ML; Robbins KV; McCowan TC; Sharma B, (Radiology), **157**: 319, 1985

percutaneous nephrolithotomy: advances in equipment and endoscopic techniques, Miller RA; Wickham JEA, (Radiology), **154**: 272, 1985

radiographic and endoscopic sensitivity in detecting lower esophageal mucosal ring, Ott DJ; Chen YM; Wu WC; et al, (AJR), **147**:

261, 1986 sonographic examination of the mediastinum and upper abdomen by fiberoptic gastroscope, Rifkin MD; Gordon SJ; Goldberg BB, (Radiology), 151: 175, 1984 sonography and endoscopy as mutually complementary diagnostic methods, Farrenkopf E, (Radiology), 150: 298, 1984 indexense to the complementary of the complementary diagnostic methods, Farrenkopf E, (Radiology), 150: 298, 1984 indexense to the complementary diagnostic methods.

Endoscopy, comparative studies comparison of endoscopy and barium swallow with marshmallow in dysphagia, Somers S; Stevenson GW; Thompson G, (J Canad Assoc Radiol), 37: 73, 1986

esophageal varices: correlation of left gastric opnageal varices: correlation of lett gastric venography and endoscopy in patients with portal hypertension, Takashi M; Igarashi M; Hino S; Musha H; Takayasu K; Arakawa M; Nakashima T; Ohnishi K; Okuda K, (Radiology), 155: 327, 1985 gastric polyps: radiological evaluation and clinical significance, Feczko PJ; Halpert RD; Ackerman LV, (Radiology), **155**: 581, 1985

radiological assessment of dysphagia with endoscopic correlation, Halpert RD; Feczko PJ; Spickler EM; Ackerman LV, (Radiology), 157: 599, 1985

computed tomographic air enema technique to demonstrate colonic neoplasms, Solomon A; Michowitz M; Papo J; et al, (Gastrointest Radiol), 11: 194, 1986

enterocolitis: prodrome of the hemolytic-uremic syndrome, Kawanami T; Bowen A III; Girdany BR, (Radiology), **151**: 91, 1984

idiopathic chronic ulcerative enteritis: report of two cases, Zapolsky JH; Janower ML, (Radiology), 155: 39, 1985

multifocal idiopathic stenosing enteritis, Chagnon JP; Devars du Mayne JF; Marche C; et al. (Radiology), **157**: 280, 1985

mycobacterium avium-intracellulare complex enteritis: pseudo-Whipple disease in AIDS, Vincent ME; Robbins AH, (AJR), 144: 921, 1985

radiological features of chronic radiation enteritis, Mendelson RL; Nolan DJ, (Radiology), **156**: 572, 1985

small-bowel lymphoma and regional enteritis: radiographic similarities, Sartoris DJ; Harell GS; Anderson MF; Zboralske FF, (Radiology), 152: 291, 1984

#### Enteroclysis

acquired jejunoileal diverticular disease: subject review, Maglinte DDT; Chernish SM; DeWeese R; Kelvin FM; Brunelle RL, (Radiology), **158**: 577, 1986

balloon enteroclysis catheter, Maglinte DDT, (AJR), 143: 761, 1984

barium gun for use in enteroclysis, Taucer F; Bach D; Olutola PS, (Gastrointest Radiol), 11: 203, 1986

comparison of pumps used for enteroclysis, Maglinte DDT; Miller RE, (Radiology), 152:

detailed per-oral small-bowel examination versus enteroclysis, Nolan DJ; Cadman PJ; Jeffree MA, (Radiology), **157**: 836, 1985

detailed per-oral small-bowel examination versus enteroclysis: reply, Ott DJ; Gelfand DW; Chen YM; Van Swearingen F; Munitz HA, (Radiology), 157: 836, 1985

detailed per-oral small bowel examination vs. enteroclysis. part I: expenditures and radiation exposure; part II: radiographic accuracy, Ott DJ; Chen YM; Gelfand DW; Van Swearingen F; Munitz HA, (Radiology), 155: 29, 1985

detection of surgical lesions of the small bowel by enteroclysis, Maglinte DDT; Hall R; Miller RE; et al, (Radiology), **153**: 268, 1984

enteroclysis in partial small bowel obstruction, Maglinte DDT; Peterson LA; Vahey TN; et al, (Radiology), **153**: 560, 1984

enteroclysis in the diagnosis of chronic unexplained gastrointestinal bleeding, Maglinte DDT; Elmore MF; Chernish SM, (Radiology), **157**: 565, 1985

intubation routes for enteroclysis, Maglinte DDT; Lappas JC; Chernish SM; Sellink JL, (Radiology), **158**: 553, 1986

jejunal fold separation in adult celiac disease: relevance of enteroclysis, Herlinger H; Maglinte DDT, (Radiology), **158**: 605, 1986

plasma electrolyte status after small-bowel enteroclysis, Barloon TJ; Franken EA, (AJR), 146: 323, 1986

radiology of the small bowel: modern enteroclysis technique and atlas, Sellink JL, Reviewed by Miller RE, (Radiology), 150:

# Enterocolitis

See Colitis

# Enzymes

intracranial calcification in children with osteopetrosis caused by carbonic anhydrase II deficiency, Cumming WA; Ohlsson A, (Radiology), 157: 325, 1985

## Eosinophilia

dilated cardiomyopathy in the idiopathic hypereosinophilic syndrome, DePace NL; Nestico PF; Morganroth J; et al, (Radiology), 152: 863, 1984

eosinophilia caused by iodinated radiographic contrast media, Plavsic B; Kuzmanic D; Rotkvic I, (Radiology), **152**: 252, 1984

## Ependymoma

ependymomas: results of radiation treatment, Garrett PG; Simpson WJK, (Radiology), 154:

radiotherapeutic management of adult intraspinal ependymomas, Shaw EG; Evans RG; Scheithauer BW; et al, (Int J Radiat Oncol Biol Phys), 12: 323, 1986

supratentorial ependymoma: CT appearance, Armington WG; Osborn AG; Cubberley DA; Harnsberger HR; Boyer R; Naidich TP; Sherry RG, (Radiology), 157: 367, 1985

supratentorial ependymomas: computed tomographic and pathologic correlations, Van Tassel P; Lee Y-Y; Bruner JM, (CT), 10: 157, 1986

treatment of ependymoma of the brain or spinal canal by radiotherapy: a report of 79 cases, Read G, (Radiology), 153: 575, 1984

dynamic computed tomography of the head and neck: differential diagnostic value, Michael AS; Mafee MF; Valvassori GE; Tan WS, (Radiology), 154: 413, 1985

epidermoid tumor: unusual cause of ossification within the spinal canal, Willinsky RA; Tator CH; Lewis AJ; et al, (J Canad Assoc Radiol), 37: 56, 1986

abnormal echogenicity of the testicle caused by epididymal cysts, Rifkin MD; Brownstein PK, (Radiology), 153: 280, 1984

epididymis examined by ultrasound. correlation with pathology, Rifkin MD; Kurtz AB; Goldberg BB, (Radiology), 151: 187, 1984

#### **Epididymis, US studies**

epididymis examined by ultrasound. correlation with pathology, Rifkin MD; Kurtz AB; Goldberg BB, (Radiology), **151**:

metastatic melanoma to the epididymis suspected on preoperative ultrasound, Anderson MW; McGahan JP, (JCU), 14: 644,

#### **Epididymitis**

diagnosis of acute testicular torsion using radionuclide scanning, Levy OM;
Gittelman MC; Strashun AM; et al, (Radiology), 150: 870, 1984

evolution of acute epididymitis to testicular infarction: scintigraphic demonstration Vieras F, (Clin Nucl Med), 11: 158, 1986

sonographic diagnosis of focal and diffuse infiltrating intrascrotal lesions, Rifkin MD; Kurtz AB; Pasto ME; et al, (Radiology), 153: 573, 1984

testicular infarction secondary to acute inflammatory disease: demonstration by B-scan ultrasound, Bird KJ Jr; Rosenfield AT, (Radiology), 152: 785, 1984

airway-obstructing epiglottic cyst, Henderson LT; Denneny JC III; Teichgraeber J, (Radiology), **161**: 861, 1986

epiglottic dysfunction during deglutition in patients with dysphagia, Ekberg O, (Radiology), 151: 268, 1984

retention cyst of the epiglottis: CT appearance, Stark P, (JCAT), 9: 582, 1985

videofluoroscopic identification of two types of swallowing, Curtis DJ; Cruess DF, (Radiology), **152**: 305, 1984

## **Epiglottis**, cysts

computed tomography of infected epiglottic cyst, Casselman J; Oyen R; Baert A; et al, (JCAT), **10**: 694, 1986

cryptic structural lesions in refractory partial epilepsy: MR imaging and CT studies, Ormson MJ, Kispert DB, Sharbrough FW; Houser OW, Earnest F IV, Scheithauer BW; Laws ER Jr, (Radiology), 160: 215, 1986

imaging local brain function with emission computed tomography, Kuhl DE, (Radiology), **150**: 625, 1984

interictal study of partial epilepsy using positron emission tomography and the oxygen-15 inhalation technique, Bernardi S; Trimble MR; Frackowiak RS; et al, (Radiology), 151: 266, 1984

quantitative determination of anticonvulsant-

quantitative determination of anticonvulsant-induced bone demineralization by an improved x-ray densitometry technique, Wolschendorf K; Vanselow K; Moller WD; et al. (Radiology), 152: 258, 1984 single-photon emission computed tomography: a method of measuring cerebral blood flow in three dimensions (preliminary results of studies in patients with epilepsy and stroke), Uren RF; Magistretti PL; Royal HD; et al. (Radiology), 150: 290, 1984

asic 290, 1704 transient computed tomographic abnormalities after focal seizures, Dillon WP; Brant-Zawadzki M; Sherry RG, (AJNR), 5: 107, 1984

Epinephrine

pain control after percutaneous biliary drainage: local infiltration with bupivacaine and epinephrine, Lieberman RP; Sleder PR, (AJR), 146: 595, 1986

Epiphyses See Bones, epiphyses

**Epistaxis** 

See Nose, hemorrhage

**Epithelioma** 

Epithelioma
dynamic computed tomography of the head
and neck: differential diagnostic value,
Michael A5; Mafee MF; Valvassori GE;
Tan WS, (Radiology), 154: 413, 1985
medulloepithelioma: first CT images, Poot RD,
(Neuroradiol), 28: 286, 1986
Erdheim-Chester disease
See Lipogranulomatosis

Ergot and ergot preparations

successful treatment of ergotism with nifedipine, Kemerer VF Jr; Dagher FJ; Pais SO, (AJR), 143: 333, 1984

Ervthrocytes See Red blood cells

**Esophagitis** 

acute alcoholic esophagitis, O'Riordan D; Levine MS; Laufer I, (J Canad Assoc Radiol), 37: 54, 1986

analysis of a multiphasic radiographic examination for detecting reflux esophagitis, Ott DJ; Chen YM; Gelfand DW; et al, (Gastrointest Radiol), 11:

antacids and cimetidine treatment for gastroesophageal reflux and peptic esophagitis, Cucchiara S; Staino A; Romaniello G; et al, (Radiology), **155**: 551,

Barrett esophagus as an extension of severe esophagitis: analysis of radiologic signs in 29 cases, Chen YM; Gelfand DW; Ott DJ; et al, (AJR), 145: 275, 1985

Barrett's esophagus. a surgical entity, Starnes VA; Adkins RB; Balliner JF; et al, (Radiology), **154**: 270, 1985

candida esophagitis: accuracy of radiographic diagnosis, Levine MS; Macones AJ Jr; Laufer I, (Radiology), **154**: 581, 1985

Laufer I, (Radiology), 154: 581, 1985 cytomegalovirus esophagitis and gastritis in AIDS, Balthazar EJ; Megibow AJ; Hulnick DH, (AJR), 144: 1201, 1985 esophagitis: frequent consequence of gastroesophageal reflux in infancy, Shub MD; Ulshen MH; Hargrove CB; et al, (Radiology), 159: 576, 1986 esophagogastric polyps: radiographic and endoscopic findings, Styles RA; Gibb SP; Tarshis A; Silverman ML; Scholz FJ, (Radiology), 154: 307, 1985 fixed transverse folds in the esophagus: a sign

(Radiology), 154: 307, 1985 fixed transverse folds in the esophagus: a sign of reflux esophagitis, Levine MS; Goldstein HM, (AJR), 143: 275, 1984 focal esophageal candidiasis in acquired immunodeficiency syndrome (AIDS), Farman J; Tavitian A; Rosenthal LE; et al, (Gastrointest Radiol), 11: 213, 1986 herpes esophagitis in an otherwise healthy patient, DeGaeta L; Levine MS; Guglielmi GE; et al, (AJR), 144: 1205, 1985 medication-induced esophazitis, Agha FP:

medication-induced esophagitis, Agha FP; Wilson JAP; Nostrand TT, (Gastrointest Radiol), 11: 7, 1986

pseudomembranes in reflux esophagitis, Levine MS; Cajade AG; Herlinger H; Laufer I, (Radiology), **159:** 43, 1986

radiological assessment of dysphagia with endoscopic correlation, Halpert RD; Feczko PJ; Spickler EM; Ackerman LV, (Radiology), 157: 599, 1985

reticular pattern as a radiographic sign of the Barrett esophagus: an assessment, Vincent ME; Robbins AH; Spechler SJ; Schwartz R; Doos WG; Schimmel EM, (Radiology), 153: 333, 1984

significance of diffuse granularity and nodularity of the esophageal mucosa at double-contrast radiography, Graziani L; Bearzi I; Romagnoli A; et al, (Radiology), 156: 855, 1985

tracheoesophageal fistula: serious complication of infectious esophagitis, Obrecht WF Jr; Richter JE; Olympio GA; et al, (Radiology), **156**: 854, 1985

coronary sinus lactate estimation in esophageal motor anomalies in angina with normal coronary angiograms, Ducrotte P; Berland J; Denis P; et al, (Radiology), 153: 846, 1984

esophageal speech: double-contrast evaluation of the pharyngo-esophageal segment, Gatenby RA; Rosenblum JS; Leonard CM; Moldofsky PJ; Broder GJ, (Radiology), 157: 127, 1985

esophageal speech: double-contrast evaluation of the pharyngo-esophageal segment, Timmons JH; Howard WH; Wright HR Jr, (Radiology), 160: 852, 1986

esophagogastric region and its rings, Ott DJ; Gelfand DW; Wu WC; et al, (AJR), **142**: 281, 1984

mediastinal impressions on the dilated esophagus, Chasen MH; Rugh KS; Shelton DK, (Radiol Clin North Am), 22: 591, 1984

tube esophagram: a technique for obtaining a detailed double-contrast examination of the esophagus, Levine MS; Kressel HY; Laufer I; et al. (AJR), 142: 293, 1984

webs of the lower esophagus: a complication of gastroesophageal reflux?, Weaver JW; Kaude JV; Hamlin DJ, (AJR), 142: 289, 1984

Esophagus, abnormalities

adenocarcinoma and Barrett's esophagus. overrated risk?, Spechler SJ; Robbins AH; Bloomfield H; et al, (Radiology), 156: 854, 1985

adenocarcinoma of the esophagus: relationship to Barrett mucosa, Levine MS; Caroline DF; Thompson JJ; Kressel HY; Laufer I; Herlinger H, (Radiology), **150**: 305,

antenatal detection of esophageal atresia with distal tracheoesophageal fistula, Rahmani MR; Zalev AH, (JCU), 14: 143, 1986

Barrett esophagus, Margulis AR; Shapiro HA, (Radiology), 150: 602, 1984

Barrett esophagus as an extension of severe esophagitis: analysis of radiologic signs in 29 cases, Chen YM; Gelfand DW; Ott DJ; et al, (AJR), 145: 275, 1985

Barrett's esophagus: radiological and clinical considerations, Halpert RD; Feczko PJ; Chason DP, (Radiology), 155: 272, 1985 esophageal atresia and hypertrophic pyloric stenosis: sequential coexistence of disease (case report), Magilner AD, (AJR), 147: 329, 1986

flow artifacts in double-contast esophagography, Maglinte DDT; Lappas JC; Chernish SM; Anger RT Jr; Miller RE, (Radiology), 157: 535, 1985

radiological assessment of dysphagia with endoscopic correlation, Halpert RD; Feczko PJ; Spickler EM; Ackerman LV, (Radiology), 157: 599, 1985

radiologic and manometric correlation in "nutcracker esophagus", Ott DJ; Richter JE; Wu WC; et al, (AJR), 147: 693, 1986

radiologic diagnosis of Barrett's esophagus: critical analysis of 65 cases, Agha FP, (Gastrointest Radiol), 11: 123, 1986

recurrent tracheo-esophageal fistula: a protocol for investigation, Stringer DA; Ein SH, (Radiology), **151**: 637, 1984

reticular pattern as a radiographic sign of the Barrett esophagus: an assessment, Vincent ME; Robbins AH; Spechler SJ; Schwartz R; Doos WG; Schimmel EM, (Radiology), 153: 333, 1984

sclerotherapy induced pseudo-carcinoma, Bridges R; Runyon BA; Hamlin JA; et al, (Radiology), 155: 849, 1985

Esophagus, achalasia

achalasia as a risk factor for esophageal carcinoma: a reappraisal, Chong JJG; DuBovik S; McCallum RW, (Radiology), **156**:

association of achalasia and pulmonary mycobacterium fortuitum infection, Aronchick JM; Miller WT; Epstein DM; Gefter WB, (Radiology), **160**: 85, 1986

carcinoma associated with achalasia: occurrence 23 years after esophagomyotomy, Heiss FH; Tarshis A; Ellis FH Jr, (Radiology), 156: 264, 1985

dysphagia in patients with gastric cancer and a normal esophagram, Halpert RD; Spickler EM; Feczko PJ, (Radiology), 154: 589, 1985

esophagus after endoscopic pneumatic balloon dilatation for achalasia, Agha FP; Lee HH, (AJR), **146**: 25, 1986

inevitable progression?, Hansell DM, (Br J Radiol), 59: 521, 1986

operation for esophageal achalasia: results of esophagomyotomy without an antireflux operation, Ellis FH Jr; Crozier RE; Watkins E Jr, (Radiology), 156: 264, 1985

radiologic amyl nitrite test for distinguishing pseudoachalasia from idiopathic achalasia, Dodds WJ; Stewart ET; Kishk SM; et al, (AJR), 146: 21, 1986

syndrome of achalasia of the esophagus, ACTH insensitivity and alacrima, Ambrosino MM; Genieser NB; Bangaru BS; et al, (Pediatr Radiol), 16: 328,

Esophagus, anatomy

sophagogastric region and its rings, Ott DJ; Gelfand DW; Wu WC; et al, (AJR), 142: 281,

Esophagus, atresia

See Esophagus, abnormalities

Esophagus, CT

computed tomography evaluation of tracheoesophageal fistula, Vaid YN; Shin MS, (CT), 10: 281, 1986

CT after uncomplicated esophageal sclerotherapy, Mauro MA; Jaques PF; Swantkowski TM; et al, (AJR), 147: 57, 1986

CT assessment of operability in carcinoma of the oesophagogastric junction, Terrier F; Schapria C; Fuchs WA, (Radiology), **154**: 567, 1985

CT evaluation after esophagogastrectomy, Heiken JP; Balfe DM; Roper CL, (AJR), 143: 555, 1984

CT evaluation of patients undergoing transhiatal esophagectomy for cancer, Becker CD; Barbier P; Porcellini B, (JCAT), 10: 607, 1986

CT staging of oesophageal carcinoma, Samuelsson L; Hambraeus GM; Mercke CE; et al, (Radiology), **154**: 567, 1985

"downhill" esophageal varices demonstrated by dynamic computed tomography, Hirose J; Takashima T; Suzuki M; et al, (Radiology), 155: 860, 1985

esophageal cancer staging by CT: long-term follow-up study, Halvorsen RA Jr; Magruder-Habib K; Foster WL Jr; Roberts L Jr; Postlethwait RW; Thompson WM, (Radiology), 161: 147, 1986

esophageal carcinoma: CT findings, Quint LE; Glazer GM; Orringer MB; Gross BH, (Radiology), **155**: 171, 1985

esophageal imaging by MR and CT: study of normal anatomy and neoplasms, Quint LE; Glazer GM; Orringer MB, (Radiology), 156: 727, 1965

new barium paste for computed tomography of the esophagus, Cayea PD; Seltzer SE, (JCAT), 9: 214, 1985

perforation of distal esophagus with lesser sac extension: CT demonstration, Allen KS; Siskind BN; Burrell MI, (JCAT), 10: 612, 1986

pseudosarcoma of the esophagus: barium swallow and CT findings, Halvorsen RA; Foster WL Jr; Williford ME; et al, (Radiology), **153**: 267, 1984

spontaneous esophageal hematoma diagnosed by computed tomography, Demos TC; Okrent DH; Studlo JD; et al, (JCAT), 10: 133,

varices from portal hypertension: correlation of CT and angiography, McCain AH; Bernardino ME; Sones PJ Jr; Berkman WA; Casarella WJ, (Radiology), 154: 63, 1985

Esophagus, cysts

esophageal duplication cyst: CT and transesophageal needle aspiration, Kuhlman JE; Fishman EK; Wang K-P; et al, (AIR), 145; 531, 1985

pediatric case of the day: annual meeting, 1985, Bisset GS; Towbin RB, (Radiographics), 6: 917, 1986

Esophagus, diseases

blastomycosis of the esophagus presenting with gastrointestinal bleeding, McKenzie R; Khakoo R, (Radiology), **158**: 568, 1986

esophageal involvement in Zollinger-Ellison syndrome, Agha FP, (AJR), 144: 721, 1985 synurome, Agha FP, (AJR), 144: 721, 1985 management of esophageal stenosis in recessive dystrophic epidermolysis bullosa, Feurle GE; Weidauer H; Baldauf G; et al, (Radiology), 156: 854, 1985

prevalence, course and management of some benign oesophogeal diseases in the Black population. the Groote Schuur Hospital experience, Silber W, (Radiology), **150**: 854, 1984

progressive systemic sclerosis: radionuclide esophageal scintigraphy and manometry, Drane WE; Karvelis K; Johnson DA; Curran JJ; Silverman ED, (Radiology), 160: 73, 1986

transhiatal esophagectomy for benign disease, Orringer MB, (Radiology), 160: 283, 1986

Esophagus, diverticula

dysphagia due to simultaneous laryngocele and Zenker's diverticulum, Birt BD, (Radiology), **157**: 858, 1985

intramural pseudodiverticulosis of the oesophagus, Moosa MR; Oettle GJ; Lala SM; et al. (Radiology), 155: 849, 1985

Esophagus, effects of irradiation on

esophageal fistula associated with intracavitary irradiation for esophageal carcinoma, Hishikawa Y; Tanaka S; Miura T, (Radiology), 159: 549, 1986

esophageal stricture following high-dose-rate intracavitary irradiation for esophageal cancer, Hishikawa Y; Kamikonya N; Tanaka S; Miura T, (Radiology), 159: 715,

Esophagus, foreign bodies See Foreign bodies, in air and food passages Esophagus, function

specificity and sensitivity of esophageal motor abnormality in systemic sclerosis (scleroderma) and related diseases: cineradiographic study, Campbell WL; Schultz JC, (Gastrointest Radiol), 11: 218,

Esophagus, grafts

sophagus, grafts
motor activity of esophageal substitute
(stomach, jejunal, and colon segments),
Moreno-Osset E; Tomas-Ridocci M;
Paris F; et al, (Radiology), 161: 282, 1986
revascularized jejunal graft replacing the
cervical esophagus: radiographic evaluation,
Williford ME; Rice RP; Kelvin FM; et al,
(AJR), 145: 533, 1985

Esophagus, hemorrhage

by computed tomography, Demos TC; Okrent DH; Studlo JD; et al, (JCAT), **10**: 133,

vascular neoplasm of the esophagus with life-threatening hemorrhage: report of a case, Hoevels J; Raute-Kreinsen U; Reiter J; et al, (Acta Radiol [Diagn]), 27: 29, 1986

Esophagus, inflammation See Esophagitis

Esophagus, injuries

esophageal perforation during double-contrast esophagram, Rohrmann CA Jr; Acheson MB, (AJR), 145: 283, 1985

transverse esophageal folds: association with corrosive injury, Reeder JD; Kramer SS; Dudgeon DL, (Radiology), 155: 303, 1985

Esophagus, motility

esophageal motility and symptoms after endoscopic injection sclerotherapy, Cohen LB; Simon C; Korsten MA; et al, (Radiology), **156**: 264, 1985

(Radiology), 156: 264, 1985
pneumatic dilatation in patients with
symptomatic dilffuse esophageal spasm and
lower esophageal sphincter and
dysfunction, Ebert EC; Ouyang A;
Wright SH; et al, (Radiology), 151: 259, 1984
radiological assessment of dysphagia with
endoscopic correlation, Halpert RD;
Feczko PJ; Spickler EM; Ackerman LV,
(Radiology), 157: 599, 1985

Esophagus, MR studies

esophageal imaging by MR and CT: study of normal anatomy and neoplasms, Quint LE; Glazer GM; Orringer MB, (Radiology), **156**: 727, 1982

Esophagus, mucosa

adenocarcinoma in Barrett's esophagus, Witt TR; Bains MS; Zamen MB; et al, (Radiology), **151**: 258, 1984

adenocarcinoma in Barrett's esophagus after elimination of gastroesophageal reflux, Hamilton SR; Hutcheon DF; Ravich WJ; et al, (Radiology), 154: 270, 1985

Barrett's esophagus. a surgical entity, Starnes VA; Adkins RB; Balliner JF; et al, (Radiology), **154**: 270, 1985

pseudomembranes in reflux esophagitis, Levine MS; Cajade AG; Herlinger H; Laufer I, (Radiology), **159**: 43, 1986

Laurer I, (Radiology), 159: 43, 1986 reticular pattern as a radiographic sign of the Barrett esophagus: an assessment, Vincent ME, Robbins AH; Spechler SJ; Schwartz R; Doos WG; Schimmel EM, (Radiology), 153: 333, 1984

significance of diffuse granularity and nodularity of the esophageal mucosa at double-contrast radiography, Graziani L; Bearzi I; Romagnoli A; et al, (Radiology), 156: 855, 1985

Esophagus, neoplasms

achalasia as a risk factor for esophageal carcinoma: a reappraisal, Chong JJG; DuBovik S; McCallum RW, (Radiology), **156**:

adenocarcinoma in Barrett's esophagus after elimination of gastroesophageal reflux, Hamilton SR; Hutcheon DF; Ravich WJ; et al, (Radiology), **154**: 270, 1985

Kavich WJ; et al, (Radiology), **154**: 270, 1985 addresocarcinoma of the distal esophagus and gastric cardia: comparison of results of transhiatal esophagectomy and thoracoabdominal esophagogastrectomy, Goldfaden D; Orringer MB; Appelman HD; et al, (Radiology), **161**: 282, 1986

adenocarcinoma of the esophagus: relationship to Barrett mucosa, Levine MS; Caroline DF; Thompson JJ; Kressel HY; Laufer I; Herlinger H, (Radiology), 150: 305,

Barrett carcinoma of the esophagus: clinical and radiographic analysis of 34 cases, Agha FP, (AJR), 145: 41, 1985

Barrett esophagus, Margulis AR; Shapiro HA, (Radiology), 150: 602, 1984

carcinoma associated with achalasia: occurrence 23 years after esophagomyotomy, Heiss FH; Tarshis A; Ellis FH Jr, (Radiology), 156: 264, 1985

carcinoma of the esophagus assessment of submucosal extent, Cho S-R; Schneider V; Beachley MC; et al, (Radiology), 150: 854,

case of the season, Sheward SE, (Semin Roentgenol), 20: 197, 1985

Celestin tube use: radiographic manifestations of associated complications, Haynes JW; Miller PR; Steiger Z; Leichman LP; Kling GA, (Radiology), 150: 41, 1984

comparative features of esophageal and gastric adenocarcinomas: recent changes in type and frequency, Wang HH; Antonioli DA; Goldman H, (Radiology), 161: 858, 1986

CT assessment of operability in carcinoma of the oesophagogastric junction, Terrier F; Schapria C; Fuchs WA, (Radiology), 154: 567, 1985

CT demonstration of fistula between esophageal carcinoma and spinal canal, Cornwell J; Walden C; Ghahremani GG, (JCAT), 10: 871, 1986

CT evaluation of patients undergoing transhiatal esophagectomy for cancer, Becker CD; Barbier P; Porcellini B, (JCAT), 10: 607, 1986

CT staging of oesophageal carcinoma, Samuelsson L; Hambraeus GM; Mercke CE; et al, (Radiology), **154**: 567, 1985

diffuse nodularity in esophageal lymphoma, Levine MS; Sunshine AG; Reynolds JC; et al, (AJR), 145: 1218, 1985

early esophageal cancer, Levine MS; Dillon EC; Saul SH; et al, (AJR), 146: 507,

early esophageal carcinoma treated with intracavitary irradiation, Hishikawa Y; Tanaka S; Miura T, (Radiology), 156: 519,

efficacy of radiologic studies in the detection of Barrett's esophagus, Chernin MM; Amberg JR; Kogan FJ; et al, (AJR), 147: 257,

esophageal cancer staging by CT: long-term follow-up study, Halvorsen RA Jr; Magruder-Habib K; Foster WL Jr; Roberts L Jr; Postlethwait RW;

KODETIS L. JI; POSITEITMAII KW; Thompson WM, (Radiology), 161: 147, 1986 esophageal carcinoma: CT findings, Quint LE; Glazer GM; Orringer MB; Gross BH, (Radiology), 155: 171, 1985

(kadiology), 135: 174, 1760 esophageal carcinoma with respiratory tract fistula, Little AG; Ferguson MK; Demeester TR; et al, (Radiology), 153: 559,

esophageal imaging by MR and CT: study of normal anatomy and neoplasms, Quint LE; Glazer GM; Orringer MB, (Radiology), 156: 727, 1985

esophageal lesions after total laryngectomy, Gibbons RG; Halvorsen RA; Foster WL Jr; et al, (AJR), 144: 1197, 1985

rosophageal ulceration induced by intracavitary irradiation for esophageal carcinoma, Hishikawa Y; Tanaka S; Miura T, (AJR), 143: 269, 1984

esophagogastric polyps: radiographic and endoscopic findings, Styles RA; Gibb SP; Tarshis A; Silverman ML; Scholz FJ, (Radiology), **154**: 307, 1985

filiform polyps of the esophagus with inflammatory bowel disease, Cockey BM; Jones B; Bayless TM; et al, (AJR), 144: 1207,

gastric cardia metastasis in esophageal carcinoma, Glick SN; Teplick SK; Levine MS; Caroline DF, (Radiology), 160:

gastric interposition following transhiatal esophagectomy: CT evaluation, Gross BH; Agha FP; Glazer GM; Orringer MB, (Radiology), 155: 177, 1985

(Radiology), 150: 177, 1965 giant fibrovascular polyp of the esophagus, Patel J; Kieffer RW; Martin M; et al, (Radiology), 156: 854, 1985 granular cell tumor of the proximal esophagus, Vuyk HD; Snow GB; Tiwari RM; et al, (Radiology), 156: 264, 1985

inevitable progression?, Hansell DM, (Br J Radiol), 59: 521, 1986

kaaloi), 39: 321, 1986 le carcinome a petites cellules ("oat cell" carcinoma) de l'oesophage, une lesion rare: presentation de deux nouveaux cas, Hurtubise M. Paquin F. (J Canad Assoc Radiol), 37: 104, 1986

initis plastica carcinoma of the esophagus, Chejfec G; Jablokow VR; Gould VE, (Radiology), 150: 854, 1984 neurofibroma of the oesophagus: case report, Madrid G; Pardo J; Perez C; et al. (Eur ) Radiol), 6: 67, 1986

Radiol), 8: 07, 1986 profound xenon-133 trapping in left main bronchus: obstruction by necrotic tumor, Hartshorne MF; Brown JM; Cawthon MA; et al, (Clin Nucl Med), 11: 525, 1986

525, 1986
pseudosarcoma of the esophagus: barium
swallow and CT findings, Halvorsen RA;
Foster WL Jr; Williford ME; et al.
(Radiology), 153: 267, 1984
radiographic appearance of the esophagus and
stomach after laser treatment of obstructing
carcinoma, Wolf EL; Frager J;
Brandt LJ; et al. (AJR), 146: 519, 1986

praint Lj; et al. (AjK), 140: 319, 1906 radiographic features of esophageal involvement in chronic graft-vs.-host disease, McDonald GB; Sullivan KM; Plumley TF, (AjK), 142: 501, 1984 radiographic microstructures of early

esophageal carcinoma: correlation of specimen radiography with pathologic findings and clinical radiography, Sato T; Sakai Y; Rajita A; et al, (Gastrointest Radiol), 11: 12, 1986

11: 12, 1986
radiological assessment of dysphagia with
endoscopic correlation, Halpert RD;
Feczko PJ; Spickler EM; Ackerman LV,
(Radiology), 157: 599, 1985
spindle-cell squamous carcinoma of the
esophagus: tumor with biphasic
morphology, Agha FP; Keren DF, (AJR), 145:
541, 1985

systemic sclerosis (scleroderma) and esophageal adenocarcinoma: is increased patient screening necessary?, Segel MC; Campbell WL; Medsger TA Jr; et al, (Radiology), 160: 284, 1986

vascular neoplasm of the esophagus with life-threatening hemorrhage: report of a case, Hoevels J; Raute-Kreinsen U; Reiter J; et al, (Acta Radiol [Diagn]), 27: 29, 1986

Esophagus, obstruction e Esophagus, stenosis Esophagus, perforation

Boerhaave syndrome: interventional radiologic management, Neff CC; Lawson DW, (AJR), 145: 819, 1985

esophageal perforation, Phillips LG Jr; Cunningham J, (Radiol Clin North Am), 22: 607, 1984

metrizamide evaluation of the esophagus in infants, Belt T; Cohen MD, (AJR), 143: 367, 1984

perforation of distal esophagus with lesser sac extension: CT demonstration, Allen KS; Siskind BN; Burrell MI, (JCAT), 10: 612, 1986

perforation of the abdominal segment of the esophagus, Han SY; Tishler JM, (AJR), 143: 751, 1984

perforation of the esophagus: correlaton of site and cause with plain film findings, Han SY; McElvein RB; Aldrete JS; et al, (AJR), 145:

retrocardiac pneumomediastinum in perforations, Amodio JB; Berdon WE; Abramson SJ; et al, (Pediatr Radiol), 16: 380,

Esophagus, postoperative

sophagus, postoperative esophagus after endoscopic injection sclerotherapy: acute and chronic changes, Agha FP, (Radiology), 153: 37, 1984 esophagus after injection sclerotherapy of varices: immediate postoperative changes, Tihansky DP, Reilly JJ, Schade RR, Van Thiel DH, (Radiology), 153: 43, 1984 esophagus, adjournable, acidoscapic, page 1881, 1984 esophagus, adjournable, acidoscapic, page 1881, page 1

Esophagus, radiography
alternative technique for double-contrast esophagography (technical note), Tash RR; Weingarten M; Geller M, (AJR), 147: 266,

barium capsules, Danielson KS; Hunter TB, (AJR), 144: 414, 1985

candida esophagitis: accuracy of radiographic diagnosis, Levine MS; Macones AJ Jr; Laufer I, (Radiology), **154**: 581, 1985

coin ingestion: unusual appearance of the penny in a child, Fernbach SK; Tucker GF, (Radiology), 158: 512, 1986 efficacy of radiologic studies in the detection of Barrett's esophagus, Chernin MM; Amberg JR; Kogan FJ; et al, (AJR), 147: 257, 1986

esophageal perforation during double-contrast esophagram, Rohrmann CA Jr; Acheson MB, (AJR), 145: 283, 1985

flow artifacts in double-contast esophagography, Maglinte DDT; Lappas JC; Chernish SM; Anger RT Jr; Miller RE, (Radiology), 157: 535, 1985

pseudomembranes in reflux esophagitis, Levine M5; Cajade AG; Herlinger H; Laufer I, (Radiology), **159:** 43, 1986

radiographic and endoscopic sensitivity in detecting lower esophageal mucosal ring, Ott DJ; Chen YM; Wu WC; et al, (AJR), 147:

reassessment of the routine double-contrast examination of the esophagus, Hall FM, (Radiology), **150**: 278, 1984

reassessment of the routine double-contrast examination of the esophagus: reply, Maglinte DDT, (Radiology), **150**: 278, 1984

Esophagus, radionuclide studies

detection of esophageal ulcerations with technetium-99m albumin sucralfate, Goff JS; Adcock KA; Schmelter R, (J Nucl Med), 27: 1143, 1986

esophageal transit scintigraphy—a cautionary note, 5tyles CB; Holt S; Bowes KL; et al, (Radiology), 153: 574, 1984

gastroesophagaeal reflux and transit scintigraphy: a comparison with esophageal biopsy in patients with heartburn, Styles CB; Holt S; Bowes KL; et al, (Radiology), 155: 287, 1985

glucagon and gastroesophageal reflux, Drane WE; Haggar AM; Engel MA, (AJR), 142: 709, 1984

measurement of esophageal reflux by scintigraphy, Velasco N; Pope CE II; Gannan RM; et al, (Radiology), **156**: 285, 1985

nuclear medicine and esophageal surgery, Taillefer R; Beauchamp G; Duranceau AC; et al, (Clin Nucl Med), 11: 445, 1986

progressive systemic sclerosis: radionuclide esophageal scintigraphy and manometry, Drane WE; Karvelis K; Johnson DA; Curran JJ; Silverman ED, (Radiology), 160:

prolonged radionuclide transit in "nutcracker esophagus", Benjamin B; O'Donnell IK: esophagus", Benjamin B; O'Donnell JK; Hancock I; et al, (Radiology), 151: 835, 1984

scintigraphic demonstration of tracheo-esophageal fistula, Dunn EK; Man AC; Lin K-j; et al. (Radiology), **153**: 574, 1984 K-J: et al. (Radiology), 153: 574, 1984 solid bolus transit by esophageal scintigraphy in patients with dysphagia and normal manometry and radiography, Kjellen G; Svedberg JB: Tibbling L, (Radiology), 152: 869, 1984

869, 1964
Esophagus; reflux
adenocarcinoma of the esophagus:
relationship to Barrett mucosa, Levine MS;
Caroline DF; Thompson JJ; Kressel HY;
Laufer I; Herlinger H, (Radiology), 150: 305,

Angelchik anti-reflux device: radiographic appearance of complications, Curtis DJ; Benjamin SB; Kerr R; Castell DO, (Radiology), 151: 311, 1984

antacids and cimetidine treatment for gastroesophageal reflux and peptic esophagitis, Cucchiara S; Staino A; Romaniello G; et al, (Radiology), 155: 551,

Barrett esophagus, Margulis AR; Shapiro HA, (Radiology), 150: 602, 1984 combined Collis gastroplasty-Nissen fundoplication: surgical procedure and radiographic evaluation, Agha FP; Trenkner SW; Orringer MB; et al. (AJR), 145: 720, 1985 729 1985

effect of metoclopramide on normal and delayed gastric emptying in gastroesophageal reflux patients, Fink SM; Lange RC; McCallum RW, (Radiology), **152**: 869, 1984

esophageal reflux demonstrated on a hepatobiliary scan, Kramer EL; Sanger JJ, (Radiology), 153: 861, 1984

(Radiology), 159: 501, 1994 esophagitis: frequent consequence of gastroesophageal reflux in infancy, Shub MD; Ulshen MH; Hargrove CB; et al, (Radiology), 159: 576, 1986

(Radiology), 159; 576, 1986 fixed transverse folds in the esophagus: a sign of reflux esophagitis, Levine MS; Goldstein HM, (AJR), 143: 275, 1984 food-stimulated gastro-oesophageal reflux demonstrated by barium examination, Christiansen T; Thommesen P, (Acta Radiol [Diagn]), 27: 45, 1986

gastroesophagaeal reflux and transit scintigraphy: a comparison with esophageal biopsy in patients with heartburn, Styles CB; Holt S; Bowes KL; et al, (Radiology), 155: 287, 1985

287, 1985 gastroesophageal reflux in patients with cystic fibrosis. Scott RB; O'Loughlin EV; Gall DG, (Radiology), 156: 858, 1985 glucagon and gastroesophageal reflux, Drane WE; Haggar AM; Engel MA, (AJR), 142: 709, 1984

142: 709, 1984

long-term follow-up of surgery for gastroesophageal reflux in infants and children, Harnsberger JK; Corey JJ; Johnson DG; et al, (Radiology), 150: 289, 1984

measurement of esophageal reflux by scintigraphy, Velasco N; Pope CE II; Gannan RM; et al, (Radiology), **156**: 285,

1985
patient motion artifacts on scintigraphic gastric emptying studies, Glowniak JV; Wahl RL, (Radiology), 154: 537, 1985
prevalence of Barretr's esophageal in patients with chronic peptic esophageal strictures, Spechler SJ; Sperber H; Doos WG; et al, (Radiology), 151: 818, 1984
radiologic findings after fundoplication compared with a pH reflux test and symptoms, Fransson SG; Sokjer H; Johansson K-E; et al, (Acta Radiol [Diagn]), 27: 33, 1986

radiologic manifestations of failed antireflux operations, Hatfield M; Shapir J, (AJR), 144: 1209, 1985

radiology of the angelchik prosthesis of gastroesophageal reflux, Burhenne LJW; Fratkin LB; Flak B; et al, (AJR), 142: 507, 1984

webs of the lower esophagus: a complication of gastroesophageal reflux?, Weaver JW; Kaude JV; Hamlin DJ, (AJR), **142:** 289, 1984 Esophagus, rupture

esophageal rupture: complication of balloon dilatation, LaBerge JM; Kerlan RK Jr; Pogany AC; Ring EJ, (Radiology), **157**: 56, 1985

spontaneous rupture of the esophagus in the newborn, Dubos JP; Bouchez MC; Kacet N; et al, (Pediatr Radiol), 16: 317, 1986 Esophagus, stenosis

balloon catheter dilatation of malignant esophageal stricture, Blundell GE; Burhenne HJ, (Radiology), **155**: 274, 1985

balloon-dilatation of esophageal strictures in children, Johnsen A; Jensen LI; Mauritzen K, (Pediatr Radiol), **16**: 388, 1986

congenital oesophageal stenosis due to fibromuscular thickening, Todani T; Watanabe Y; Mizuguchi T; et al, (Radiology), 155: 854, 1985

dilation of esophageal stenosis by balloon catheter, Kollath J; Starck E; Vittorio P, (Radiology), **152**: 846, 1984

esophageal rupture: complication of balloon dilatation, LaBerge JM; Kerlan RK Jr; Pogany AC; Ring EJ, (Radiology), **157**: 56, 1985

esophageal stenosis: treatment with balloon catheters, Starck E; Paolucci V; Herzer M; Crummy AB, (Radiology), **153**: 637, 1984

esophageal strictures in children: treatment by balloon dilatation, Ball WS Jr; Strife JL; Rosenkrantz J; Towbin RB; Noseworthy J, (Radiology), 150: 263, 1984

(sautology), 1301-205, 1704 esophageal strictures in children: treatment by serial balloon catheter dilatations, Goldthorn JF; Ball WS Jr; Wilkinson LG; Seigel RS; Kosloske AM, (Radiology), 153: 655, 1984

linitis plastica carcinoma of the esophagus, Chejfec G; Jablokow VR; Gould VE, (Radiology), **150**: 854, 1984

oesophageal involvement in benign mucous membrane pemphigoid, Aghiad M; Al-Kutoubi; Eliot C, (Radiology), **153**: 560, 1984

radiological assessment of dysphagia with endoscopic correlation, Halpert RD; Feczko PJ; Spickler EM; Ackerman LV, (Radiology), 157: 599, 1985

severe esophageal strictures: indications for balloon catheter dilatation, Dawson SL; Mueller PR; Ferrucci JT Jr; Richter JM; Schapiro RH; Butch RJ; Simeone JF, (Radiology), 153: 631, 1984

transverse esophageal folds: association with corrosive injury, Reeder JD; Kramer SS; Dudgeon DL, (Radiology), **155**: 303, 1985

Esophagus, surgery

sopnagus, surgery
adenocarcinoma of the distal esophagus and
gastric cardia: comparison of results of
transhiatal esophagectomy and
thoracoabdominal esophagogastrectomy,
Goldfaden D; Orringer MB;
Appelman HD; et al, (Radiology), 161: 282,
1986

Barrett's esophagus. a surgical entity, Starnes VA; Adkins RB; Balliner JF; et al, (Radiology), **154**: 270, 1985

colonic interposition: radiographic evaluation, Agha FP; Orringer MB, (AJR), 142: 703, 1984

CT evaluation after esophagogastrectomy, Heiken JP; Balfe DM; Roper CL, (AJR), 143:

gastric interposition following transhiatal esophagectomy: CT evaluation, Gross BH; Agha FP; Glazer GM; Orringer MB, (Radiology), **155**: 177, 1985

long-term follow-up of surgery for gastroesophageal reflux in infants and children, Harnsberger JK; Corey JJ; Johnson DG; et al, (Radiology), 150: 289,

nuclear medicine and esophageal surgery, Taillefer R; Beauchamp G; Duranceau AC; et al, (Clin Nucl Med), 11: 445, 1986

radiologic findings after fundoplication compared with a pH reflux test and symptoms, Fransson SG; Sokjer H; Johansson K-E; et al, (Acta Radiol [Diagn]), 27: 33, 1986

radiologic manifestations of failed antireflux operations, Hatfield M; Shapir J, (AJR), **144**: 1209, 1985

radiology of colonic interposition and its associated complications, Christensen LR; Shapir J, (Gastrointest Radiol), 11: 233, 1986

transhiatal esophagectomy for benign disease, Orringer MB, (Radiology), 160: 283, 1986

Esophagus, therapeutic radiology

early esophageal carcinoma treated with intracavitary irradiation, Hishikawa Y; Tanaka S; Miura T, (Radiology), 156: 519,

## Esophagus, therapeutic radiology

esophageal fistula associated with intracavitary irradiation for esophageal carcinoma, Hishikawa Y; Tanaka S; Miura T, (Radiology), 159: 549, 1986

Esophagus, therapy

esophageal motility and symptoms after endoscopic injection sclerotherapy, Cohen LB; Simon C; Korsten MA; et al, (Radiology), **156**: 264, 1985

Esophagus, ulcers

detection of esophageal ulcerations with technetium-99m albumin sucralfate, Goff JS; Adcock KA; Schmelter R, (J Nucl Med), 27:

esophageal ulceration induced by intracavitary irradiation for esophageal carcinoma. Hishikawa Y; Tanaka S; Miura T, (AJR), 143: 269, 1984

Esophagus, varices

accessory lateral segmental branch of the portal vein, Araki T; Hayakawa K; Hayashi S; Uchiyama G, (Radiology), **155**:

contrast echocardiography in detection of portopulmonary venous anastomasis, Sano A; Nishizawa S; Sasai K; et al., (AJR), 142: 137, 1984

CT after uncomplicated esophageal sclerotherapy, Mauro MA; Jaques PF; Swantkowski TM; et al, (AJR), 147: 57, 1986

detection of paraesophageal varices by plain films, Ishikawa T; Saeki M; Tsukune Y; et al, (AJR), 144: 701, 1985

"downhill" esophageal varices demonstrated by dynamic computed tomography, Hirose J; Takashima T; Suzuki M; et al, (Radiology), 155: 860, 1985

esophageal varices: correlation of left gastric sopnageal varices: correlation of left gastric venography and endoscopy in patients with portal hypertension, Takashi M; Igarashi M; Hino S; Musha H; Takayasu K; Arakawa M; Nakashima T; Ohnishi K; Okuda K, (Radiology), 155: 327, 1985

esophagus after endoscopic injection sclerotherapy: acute and chronic changes, Agha FP, (Radiology), 153: 37, 1984

esophagus after injection sclerotherapy of varices, Brambs H-J; Billmann P; Hoppe-Seyler P; et al, (Radiology), **159**: 575, 1986

esophagus after injection sclerotherapy of varices: immediate postoperative change Tihansky DP; Reilly JJ; Schade RR; Van Thiel DH, (Radiology), **153**: 43, 1984

ethanol thrombotherapy of esophageal varices: further experience, Yune HY; O'Connor KW; Klatte EC; et al, (AJR), 144: 1049, 1985

hepatoma, arterioportal shunting, and hyperkinetic portal hypertension: therapeutic embolization, Morse SS; Sniderman KW; Galloway S; Rapoport S; Ross GR; Glickman MG, (Radiology), 155: 77,

iatrogenic intrahepatic arterial-portal fistula, Bedell JE; Keller FS; Rosch J, (Radiology), 151: 79, 1984

portasystemic shunting remains the procedure of choice for control of variceal hemorrhage, Levine BA; Gaskill HV III; Sirinek KR, (Radiology), 156: 855, 1985

radiological appearances of the oesophagus after sclerotherapy for varices, Rose JD; Roberts GM; Smith PM, (Radiology), **158**:

sclerotherapy induced pseudo-carcinoma, Bridges R; Runyon BA; Hamlin JA; et al, (Radiology), **155**: 849, 1985

transrenal-vein reflux ethanol sclerosis of gastroesophageal varices, Olson E; Yune HY; Klatte EC, (AJR), 143: 627, 1984

varices from portal hypertension: correlation of CT and angiography, McCain AH; Bernardino ME; Sones PJ Jr; Berkman WA; Casarella WJ, (Radiology), 154: 63, 1985

vasopressin perfusion of esophageal varices in cirrhotic patients: cineangiographic study, Valla D; Huet PM; LaFortune M; Marleau D, (Radiology), 152: 45, 1984

## Esthesioneuroblastoma

See Blastoma

#### Estrogen

See Hormones

## Ethanol

See Alcohol

#### Ethiodol

ethiodized oil emulsion enhanced computerized tomography in the preoperative assessment of metastases to the liver from the colon and rectum, Reed WP; Haney PJ; Elias EG; et al, (Radiology), 160: 572, 1986

evaluation of intrahepatic I-131 Ethiodol on a patient with hepatocellular carcinoma: therapeutic feasibility study, Park CH; Suh JH; Yoo HS; et al, (Clin Nucl Med), 11: 514, 1986

hepatocellular carcinoma and metastatic cancer detected by iodized oil, Nakakuma K; Tashiro S; Hiraoka T; Ogata K; Ootsuka K, (Radiology), 154: 15, 1985

hepatocellular carcinoma detected by iodized oil: use of anticancer agents, Ohishi H; Uchida H; Yoshimura H; Ohue S; Ueda J; Katsuragi M; Matsuo N; Hosogi Y, (Radiology), 154: 25, 1985

hepatocellular carcinoma: recent advances in diagnosis with iodized oil, Bookstein JJ, (Radiology), **154**: 253, 1985

image enhancement in computerized tomography for sensitive diagnosis of liver cancer and semiquantitation of tumor selective drug targeting with oily contrast medium, Maki S; Konno T; Maeda H, (Radiology), 158: 566, 1986

improved detection of focal lesions with computerized tomographic examination of the liver using ethiodized oil emulsion (EOE-13) liver contrast, Sugarbaker PH; Vermess M; Doppman JL; et al, (Radiology), 155: 860, 1985

pitfall in MR imaging of lymphadenopathy after lymphangiography, Buckwalter KA; Ellis JH; Baker DE; Borello JA; Glazer GM, (Radiology), 161: 831, 1986

selective targeting of anti-cancer drug and simultaneous image enhancement in solid tumors by arterially administered lipid contrast medium, Konno T; Maeda H; Iwai K; et al, (Radiology), 156: 269, 1985

transcatheter renal arterial embolization with the mixture of ethanol and iodized oil (Lipiodol®), Park JH; Jeon SC; Kang HS; et al, (Invest Radiol), **21**: 577, 1986

anatomy of the ethmoid: CT, endoscopic, and macroscopic, Terrier F; Weber W; Ruefenacht D; et al, (AJNR), 6: 77, 1985

case report 360, Coombs RJ; Zeiss J; McCann K; et al, (Skeletal Radiol), 15: 254,

chemotherapy as an alternative to laminectomy and radiation in the management of epidural tumor, Hayes FA; Thompson EI; Hvizdala E; et al, (Radiology), 153: 273, 1984

Ewing's sarcoma: trial of adjuvant chemotherapy and sequential half-body irradiation, Berry MP; Jenkin RDT; Harwood AR; et al, (Int J Radiat Oncol Biol Phys), 12: 19, 1986

Ewing's tumor following bilateral retinoblastoma. a case report, Schifter S; Vendelbo L; Jensen OM; et al, (Radiology), 150: 858, 1984

Ewing tumor of rib: radiologic findings and computed tomography contribution, Levine E; Levine C, (Radiology), 153: 269,

extraskeletal Ewing sarcoma with computed tomography correlation, Rose JS; Hermann G; Mendelson DS; et al, (Radiology), 153: 269, 1984

extremity bone tumors: evaluation by P-31 MR spectroscopy, Nidecker AC; Muller 5; Aue WP; Seelig J; Fridrich R; Remagen W; Hartweg H; Benz UF, (Radiology), 157: 167,

primary lesions of bone in the 1st decade of life: retrospective survey of biopsy results, Senac MO Jr; Isaacs H; Gwinn JL, (Radiology), **160**: 491, 1986

radiographic appearance of Ewing sarcoma of the hands and feet: report from the Intergroup Ewing Sarcoma Study, Reinus WR; Gilula LA; Shirley SK; et al, (AJR), 144: 331, 1985

radiology of Ewing's sarcoma: intergroup Ewing's sarcoma study (IESS), Reinus WR; Gilula LA, (Radiographics), 4: 929, 1984

roentgenographic-pathologic correlation of diffuse sclerosis in Ewing sarcoma of bone, Shirley SK; Gilula LA; Siegal GP; et al, (Radiology), 154: 849, 1985

**Excretory urography** See Urography

Exophthalmos

Erdheim-Chester disease presenting as malignant exophthalmos, Rozenberg I; Wechsler J; Koenig F; et al, (Br J Radiol), 59:

exophthalmos caused by excessive fat: CT volumetric analysis and differential diagnosis, Peyster RG; Ginsberg F; Silber JH; et al. (AJNR), 7: 35, 1986

malar fractures associated with exophthalmos, Godoy J; Mathog RH, (Radiology), 158: 285,

xostoses
benign exostoses and exostotic
chondrosarcomas: evaluation of cartilage
thickness by CT, Hudson TM;
Springfield DS; Spanier SS; Enneking WF;
Hamlin DJ, (Radiology), 152: 595, 1984

early skeletal hyperostoses secondary to 13-cis-retinoic acid, Pennes DR; Ellis CN; Madison KC; et al, (AJR), 142: 979, 1984

Madison KC; et al. (AJR), 142: 979, 1984 introgenic exostosis in a patient treated for osteomyelitis, Van Winkle GN; Mazur JM, (Radiology), 152: 555, 1984 interstitial deletion of 8q. occurrence in a patient with multiple exostoses and unusual facies, Wilson WG; Wyandt HE; Shah H, (Radiology), 152: 251, 1984

(Radiology), 152: 251; 1504 type IX Ehlers-Danlos syndrome: a new variant with pathognomonic radiographic features, Sartoris DJ; Luzzatti L; Weaver DD; Macfarlane JD; Hollister DW; Parker BR, (Radiology), 152: 665, 1984

radiographic appearance of letter bombs, Melhem RE, (Radiology), 151: 606, 1984

Extracorporeal oxygenation

See Infants, newborn, respiratory system; Infants, newborn, cardiovascular system

See also Fingers and toes; under names of bones and joints, such as Femur; Knee; etc.

lipomembranous osteodysplasia: a case report, Edvardsen P; Halvoorsen TB; Nesse O, (Radiology), 153: 270, 1984

reflex sympathetic dystrophy in the hands: clinical and scintigraphic criteria, Holder LE; Mackinnon SE, (Radiology), **152**: 517, 1984

Extremities, abnormalities

calcification associated with terminal defects of the upper extremity, Stoskopf CA; Poznanski AK; Gilbert A; Faure C; Kaufman RA; Schmit P, (Radiology), 152: 689, 1984

new variant of the acrorenal syndrome associated with bilateral oligomeganephronic hypoplasia, Milenyi M; Balogh L; Schmidt K; et al, (Radiology), **155**: 856, 1985

pancreatic acinar cell carcinoma with subcutaneous and intraosseous fat necrosis, Radin DR; Colletti PM; Forrester DM; Tang WW, (Radiology), **158**: 67, 1986

pseudohypertrophy of the calf following S1 radiculopathy, de Visser M; Verbeeten B Jr; Lyppens KCH, (Neuroradiol), 28: 279, 1986

symptomatic radiographic variants in extremities, Lawson JP, (Radiology), 157: 625, 1985

technique of torsion measurement of the lower extremity using computed tomography, Widjaja PM; Ermers JWLM; Sijbrandij S; et al. (JCAT), 9: 466, 1985

tumoral calcinosis, diaphysitis, and hyperphosphatemia, Clarke E; Swischuk LE; Hayden CK Jr, (Radiology), **151**: 643, 1984

rayten Ct. Jr., (Kadiology), 151: 945, 1594 type IX Ehlers-Danlos syndrome: a new variant with pathognomonic radiographic features. Sartoris DJ; Luzzatti L; Weaver DD; Macfarlane JD; Hollister DW; Parker BR, (Radiology), 152: 665, 1984

Extremities, amputation

amputation stumps studied by bone scanning. work in progress, Gonzalez AC; Macon PF; Sankey RR; Tarcan Y, (Radiology), 151: 225,

Extremities, angiography arteriovenous malformations of the extremities: MR imaging, Cohen JM; Weinreb JC; Redman HC, (Radiology), 158:

- comparison of intra-arterial digital subtraction angiography and conventional filming in peripheral vascular disease, Sniderman KW; Morse SS; Strauss EB, (J Canad Assoc Radiol), 37: 76, 1986
- digital subtraction angiography in extremity trauma, Goodman PC; Jeffrey RB Jr; Brant-Zawadzki M, (Radiology), 153: 61, 1984
- Zawadzki M, (Radiology), 153: 61, 1984 high frame-rate digital subtraction angiography imaging technique for evaluation of aortofemoral runoff, Lewis BD; Enzmann DR; Guthaner DF; Brody WR, (Radiology), 151: 789, 1984 pelvic hemorrhage after percutaneous femoral angiography, Kaufman JL, (AJR), 143: 335, 1984

successful treatment of ergotism with nifedipine, Kemerer VF Jr; Dagher FJ; Pais SO, (AJR), **143**: 333, 1984

technical consideration in aortography for the investigation of lower limb ischaemia. results from a postal survey, Whitehouse GH, (Radiology), **152**: 845, 1984

vascular trauma to the extremities and lower ascular trauma to the extremities and lower neck: initial assessment with intravenous digital subtraction angiography, Gavant ML; Gold RE; Fabian TC; Tonkin ILD, (Radiology), 158: 755, 1986

Extremities, blood supply

- arterio-venous shunting complicating occlusive atherosclerotic peripheral vascular disease, Vallance R; Quin RO; Forrest H, (Clin Radiol), 37: 389, 1986
- measurement of limb blood flow using technetium-labelled red blood cells, Parkin A; Robinson PJ; Wiggins PA; et al, (Br J Radiol), 59: 493, 1986
- measurement of peripheral blood flow by thermodilution techniques, Nadel SN; Greene AS; White RI Jr; et al, (Invest Radiol), 21: 631, 1986
- peripheral arterial disease diagnosed with high-count-rate radionuclide arteriography, Oshima M; Ijima H; Kohda Y; Kuramoto K; Kikuchi Y; Wada M; Akisada M, (Radiology), 152: 161, 1984
- radionuclide assessment of peripheral hemodynamics: new technique for measurement of forearm blood volume and flow, Todo Y; Tanimoto M; Yamamoto T; et al, (J Nucl Med), 27: 192,
- streptokinase therapy: complications of intra-arterial use, Lang EK, (Radiology), **154**: 75, 1985
- successful vein bypass in patients with an ischemic limb and palpable popliteal pulse, Cantelmo NL; Snow JR; Menzoian JO; et al, (Radiology), 160: 287, 1986
- (Nationogy), 180: 267, 1760 system for rapid analysis of the femoral blood velocity waveform at the bedside, Capper WL; Amoore JN; Clifford PC; et al, (Ultrasound Med Biol), 12: 31, 1986
- venous "lakes" of the hands, Levy JM; Hessel SJ; Joseph RB; Bodell LS, (Radiology), 156: 603, 1985

## Extremities, CT

- calf hematoma mimicking thrombophlebitis, Gordon DH, (Radiology), 157: 839, 1985 calf hematoma mimicking thrombophlebitis: reply, Giyanani VL, (Radiology), **157**: 839, 1985
- calf hematoma mimicking thrombophlebitis: alf hematoma mimicking (frombophrieotis) sonographic and computed tomographic appearance, Giyanani VL; Grozinger KT; Gerlock AJ Jr; Mirfakhraee M; Husbands HS, (Radiology), **154**: 779, 1985
- (Radiology), 194: 779, 1905 comments on calf hematoma mimicking thrombophlebitis, Bettmann MA, (Radiology), 160: 567, 1986 computed tomographic localization of wooden foreign bodies in children's extremities, Bauer AR Jr; Yutani D, (Radiology), 151: 549, 1084
- computed tomography of benign angiomatous lesions of the extremities, Rauch RF; Silverman PM; Korobkin M; et al. (JCAT), 8: 1143, 1984
- computed tomography of calcaneal fractures, Heger L; Wulff K; Seddiqi MSA, (AJR), **145**: 131, 1985
- computed tomography of the calcaneus: normal anatomy, Heger L; Wulff K, (AJR), 145: 123, 1985
- CT of benign soft-tissue masses of the extremities, Heiken JP; Lee JKT; Smathers RL; et al, (AJR), 142: 575, 1984
- leg length determination by CT digital radiography, Aitken AGF; Flodmark O; Newman DE; et al, (AJR), **144**: 613, 1985

- leg-length determination with biplanar CT scanograms, Glass RBJ; Poznanski AK, (Radiology), **156**: 833, 1985
- role of CT in the diagnosis of primary lymphedema of the lower limb, Hadjis NS; Carr DH; Banks L; et al, (AJR), **144:** 361, 1985
- technique of torsion measurement of the lower extremity using computed tomography, Widjaja PM; Ermers JWLM; Sijbrandij S; et al. (JCAT), 9: 466, 1985

#### Extremities, fractures

computed tomography of calcaneal fractures, Heger L; Wulff K; Seddiqi MSA, (AJR), 145: 131, 1985

## Extremities, injuries

- calf hematoma mimicking thrombophlebitis, Gordon DH, (Radiology), 157: 839, 1985 calf hematoma mimicking thrombophlebitis: reply, Giyanani VL, (Radiology), 157: 839, 1985
- calf hematoma mimicking thrombophlebitis: sonographic and computed tomographic appearance, Giyanani VL; Grozinger KT; Gerlock AJ Jr; Mirfakhraee M; Husbands HS, (Radiology), 154: 779, 1985
- case reports. digital lesions in non-accidental injuries in children, Rao KS; Hyde I, (Radiology), 153: 851, 1984
- comments on calf hematoma mimicking thrombophlebitis, Bettmann MA, (Radiology), 160: 567, 1986
- digital subtraction angiography in extremity trauma, Goodman PC; Jeffrey RB Jr; Brant-Zawadzki M, (Radiology), **153**: 61, 1984
- indications for angiography in extremity trauma, McCorkell SJ; Harley JD; Morishima MS; et al, (AJR), 145: 1245, 1985
- radiography of injured arms and legs in eight accident and emergency units in England and Wales, Abrams ME; Davies ER; Ennis WP; et al., (Radiology), **159**: 572, 1986
- specific scintigraphic pattern of "shin-splints in the lower leg:" concise communication, Holder LE; Michael RH, (Radiology), 155:
- vascular trauma to the extremities and lower neck: initial assessment with intravenous digital subtraction angiography, Gavant ML; Gold RE; Fabian TC; Tonkin ILD, (Radiology), 158: 755, 1986

#### Extremities, measurement

leg-length determination with biplanar CT scanograms, Glass RBJ; Poznanski AK, (Radiology), 156: 833, 1985

#### Extremities, MR studies

- arteriovenous malformations of the extremities: MR imaging, Cohen JM; Weinreb JC; Redman HC, (Radiology), 158:
- magnetic resonance imaging of extremity masses, Cory DA; Ellis JH; Bies JR; et al, (Comput Radiol), 10: 99, 1986
- magnetic resonance imaging of the extremities, Rosenthal DI; Scott JA; Brady TJ, (Cardiovasc Intervent Radiol), 8: 377, 1986

## Extremities, neoplasms

- CT appearance of hemangiopericytoma, Alpern MB; Thorsen MK; Kellman GM; et al, (JCAT), **10**: 264, 1<sup>4</sup>86
- CT of benign soft-tissue masses of the extremities, Heiken JP; Lee JKT; Smathers RL; et al, (AJR), 142: 575, 1984
- giant cell reparative granuloma and other giant cell lesions of the bones of the hands and feet, Picci P; Baldini N; Sudanese A; et al, (Skeletal Radiol), 15: 415,
- intraarterial digital subtraction arteriographic evaluation of extremity tumors: comparison with conventional arteriography, Lee KR; Cox GG; Price HI; Johnson JA; Neff JR, (Radiology), 158: 255, 1986
- limb salvage in extremity soft-tissue sarcoma: combined modality therapy, Mantravadi RVP; Trippon MJ; Patel MK; Walker MJ; Das Gupta TK, (Radiology), 152:
- magnetic resonance imaging of extremity masses, Cory DA; Ellis JH; Bies JR; et al, (Comput Radiol), 10: 99, 1986
- radiographic appearance of Ewing sarcoma of the hands and feet: report from the Intergroup Ewing Sarcoma Study, Reinus WR; Gilula LA; Shirley SK; et al, (AJR), 144: 331, 1985

#### Extremities, radiography

radiography of injured arms and legs in eight accident and emergency units in England and Wales, Abrams ME; Davies ER; Ennis WP; et al. (Radiology), 159: 572, 1986

#### Extremities, radionuclide studies

- amputation stumps studied by bone scanning work in progress, Gonzalez AC; Macon PF; Sankey RR; Tarcan Y, (Radiology), 151: 225,
- assessment of tissue viability in frostbite by OmTc pertechnetate scintigraphy, Salimi Z; Vas W; Tang-Barton P; et al, (AJR), 142: 415, Vas V 1984
- detection of deep venous thrombosis with Tc-99m sulfur colloid, Maurer AH; Knight LC, (Radiology), **150**: 842, 1984
- detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Bardfeld PA; Harrison DA; Irwin GAL; Buetow G, (Radiology), 150: 842, 1984
- detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Maurer AH; Knight LC, (Radiology), 150: 842, 1984
- Knight LC, (Radiology), 150: 842, 1984 detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Bardfeld PA; Harrison DA; Wasserstein G; Buetow G; Irwin GAL (Radiology), 150: 843, 1984 initial detection of lower extremity septic deep venous thrombophlebitis by indium-111 WBC imaging in a patient with bacteremia, Fancher M; Abghari R; Bartold K, (Clin Nucl Med), 11: 206, 1986
- meurofibromas: location by scanning with Tc-99m DTPA. work in progress, Mandell GA; Herrick WC; Harcke HT; Sharkey C; Brooks KM; MacEwen GD. (Radiology), 157: 803 1985
- peripheral arterial disease diagnosed with high-count-rate radionuclide arteriography, Oshima M; Ijima H; Kohda Y; Kuramoto K; Kikuchi Y; Wada M; Akisada M, (Radiology), 152: 161, 1984
- scintigraphic evaluation of extremity pain in children: its efficacy and pitfalls, Park H-M; Rothschild PA; Kernek CB, (AJR), 145: 1079,
- "short pants" finding on bone images in Paget's disease with paralysis, Mathews J; Karimeddini MK; Spencer RP, (Clin Nucl Med), 11: 221, 1986
- specific scintigraphic pattern of "shin-splints in the lower leg:" concise communication, Holder LE; Michael RH, (Radiology), 155: 863, 1985
- symptomatic radiographic variants in extremities, Lawson JP, (Radiology), 157: 625 1985
- thrombophlebitis: potential cause for diffuse lower extremity uptake on bone imaging, Milton WJ; Datz FL, (Clin Nucl Med), 11: 26,

## Extremities, surgery

combined operative angiodilation and arterial reconstruction for limb salvage, Corey CJ; Bush HL; Widrich WC, (Radiology), 152:

#### Extremities, therapeutic radiology

- acute peripheral arterial and graft occlusion: treatment with selective infusion of urokinase and lysyl plasminogen, Pernes JM; Vitoux JF; Brenoit P; Raynaud A; Parola JL; Roth JP; Angel CY; Fiessinger JN; Roncato M; Gaux JC, (Radiology), 158: 481, 1986
- limb salvage in extremity soft-tissue sarcoma: combined modality therapy, Mantravadi RVP; Trippon MJ; Patel MK; Walker MJ; Das Gupta TK, (Radiology), 152: 523, 1984

#### Extremities, thrombosis

- calf hematoma mimicking thrombophlebitis, Gordon DH, (Radiology), 157: 839, 1985 calf hematoma mimicking thrombophlebitis: reply, Giyanani VL, (Radiology), 157: 839, 1985
- calf hematoma mimicking thrombophlebitis: If nematoma minicking irromoopinebuss sonographic and computed tomographic appearance, Giyanani VL, Grozinger KT; Gerlock AJ Jr, Mirfakhraee M; Husbands HS, (Radiology), **154**: 779, 1985
- comments on calf hematoma mimicking thrombophlebitis, Bettmann MA, (Radiology), **160**: 567, 1986
- detection of deep venous thrombosis by indium-111 leukocyte scintigraphy, D'Alonzo WA Jr; Alavi A, (J Nucl Med), 27:

detection of deep venous thrombosis with Tc-99m sulfur colloid, Maurer AH; Knight LC, (Radiology), **150**: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Bardfeld PA; Harrison DA; Irwin GAL; Buetow G, (Radiology), **150**: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Maurer AH; Knight LC, (Radiology), **150**: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Bardfeld PA; Harrison DA; Wasserstein G; Buetow G; Irwin GAL, (Radiology), 150: 843, 1984

detection of thrombophlebitis in the lower extremities: regional comparison of <sup>123</sup>I fibrinogen scintigraphy and contrast venography, DeNardo SJ; Bogren HG; DeNardo GL, (AJR), 145: 1045, 1985

effect of anatomic variations on deep venous thrombosis of the lower extremity, Liu G-C; Ferris EJ; Reifsteck JE; et al. (AJR), 146: 845, 1986

ilio-femoral segment and inferior vena cava visualization using a non-catheter technique: an adjunct of leg phlebography, Dure-Smith P; Tison JB, (Radiology), 153:

lilofemoral venous thrombosis: real-time ultrasound diagnosis, normal criteria, and clinical application, Effeney DJ; Friedman MB; Gooding GAW, (Radiology), 150: 787, 1984

persistence of the cardinal veins and thrombosis: CT demonstration, Barack BM, (JCAT), 10: 327, 1986

radionuclide venography: imaging monitor in deep-vein thrombosis of the pelvis and lower extremities, Sy WM; Seo IS, (Br J Radiol), 59: 325, 1986

streptokinase therapy: complications of intra-arterial use, Lang EK, (Radiology), 154: 75,

thoracic outlet syndrome: review and reference to stroke in a major league pitcher, Fields WS; Lemak NA; Ben-Menachem Y, (AJNR), 7: 73, 1986

utility of foot venography as part of the routine lower-extremity venogram: prospective study, Glanz S; Gordon DH, (Cardiovasc Intervent Radiol), 9: 15, 1986

## Extremities, US studies

calf hematoma mimicking thrombophlebitis, Gordon DH, (Radiology), 157: 839, 1985

calf hematoma mimicking thrombophlebitis: reply, Giyanani VL, (Radiology), **157**: 839, 1985

calf hematoma mimicking thrombophlebitis sonographic and computed tomographic appearance, Giyanani VL, Grozinger KT; Gerlock AJ Jr; Mirfakhraee M; Husbands HS, (Radiology), **154**: 779, 1985

comments on calf hematoma mimicking thrombophlebitis, Bettmann MA, (Radiology), **160**: 567, 1986

sonographic diagnosis of foreign bodies of the distal extremities, Fornage BD; Schernberg FL, (AJR), 147: 567, 1986

choroidal folds and refractive errors associated with orbital tumors, Friberg TR; Grove AS Jr, (Radiology), **150**: 863, 1984

ocular anatomy for nuclear medicine, Packer S, (Semin Nucl Med), 14: 3, 1984 sideway displacement and curved path of recti eye muscles, Simonsz HJ; Harting F; de Waal BJ; et al, (Radiology), **157**: 859, 1985

#### Eye, abnormalities

blepharochalasis syndrome, Custer PL; Tenzel RR; Kowalczyk AP, (Radiology), **158**: 572, 1986

clinical implications of bilateral microphthalmos with cyst, Foxman S; Cameron JD, (Radiology), 155: 276, 1985 computed tomographic analysis of deformity

and dimensional changes in the eyeball, Osborne DR; Foulks GN, (Radiology), **153**: 669, 1984

computed tomography in the evaluation of Brown syndrome of the superior oblique tendon sheath, Mafee MF; Folk ER; Langer BG; Miller MT; Lagouros P; Mittleman D, (Radiology), 154: 691, 1985 computerised tomography of keratoconus, Lawless M; Francis IC; Kappagoda MB; et al, (Australas Radiol), 30: 10, 1986

enlargement of the optic disk in childhood optic nerve tumors, Grimson BS; Perry DD, (Radiology), **155**: 276, 1985

magnetic resonance imaging in patients with diplopia: review, Ruff RL; Wiener SN; Leigh RJ, (Invest Radiol), 21: 311, 1986

malignant uveal melanoma and similar lesions studied by computed tomography, Mafee MF; Peyman GA; McKusick MA, (Radiology), 156: 403, 1985

ocular findings in a new heritable syndrome of brain, eye, and urogenital abnormalities, Duker JS; Weiss JS; Siber M; et al, (Radiology), 157: 284, 1985

pediatric case of the day, Bisset GS; Towbin RB, (Radiographics), 6: 731, 1986 sex-linked hereditary bilateral anophthalmos, pathological and radiological correlation, Brunquell PJ; Papale JH; Horton JC; et al, (Radiology), 152: 858, 1984

(Radiology), 152: 536, 1982 tenosynovitis of the superior oblique muscle (Brown syndrome) associated with juvenile rheumatoid arthritis, Roifman CM; Lavi S; Moore AT; et al, (Radiology), 157: 282, 1985 visual agnosia without alexia, Gomori AJ; Hawryluk GA, (Radiology), 155: 279, 1985

Milms' fumor detection in patients with sporadic aniridia: successful use of ultrasound, Friedman AL, (Radiology), 161: 863, 1986

#### Eye, CT

cavernous hemangioma of the retina, cutaneous angiomas, and intracranial vascular lesion evaluated by computed tomography and nuclear magnetic resonance imaging, Schwartz AC; Weaver RG Jr; Bloomfield R; et al, (Radiology), 156: 279, 1985
childhood leukokoria: computed tomographic appearance and differential diagnosis with histopathologic correlation, Hopper KD; Katz NNK; Dorwart RH; Margo CE; Filling-Katz M; Sherman JK, (Radiographics), 5: 377, 1985 cavernous hemangioma of the retina,

choroidal melanoma: comparison of CT, fundoscopy, and US, Peyster RG; Augsburger JJ; Shields JA; Satchell TV; Markoe AM; Clarke K; Haskin ME, (Radiology), **156**: 675, 1985

computed tomographic analysis of deformity and dimensional changes in the eyeball, Osborne DR; Foulks GN, (Radiology), 153:

computed tomography diagnosis of eye tumors and anomalies in early childhood and infancy, Fitz CR; Chuang CH; Harwood-Nash DC, (Radiology), **158**: 282,

computed tomography in penetrating injury to the eye, Bhimani S; Virapongse C; Sarwar M; et al, (Radiology), **155**: 280, 1985

Sarwar M; et al. (Radiology), 155: 280, 1985 computed tomography in the evaluation of Brown syndrome of the superior oblique tendon sheath, Mafee MF; Folk ER; Langer BG; Miller MT; Lagouros P; Mittleman D, (Radiology), 154: 691, 1985 computerised tomography of keratoconus, Lawless M; Francis IC; Kappagoda MB; et al, (Australas Radiol), 30: 10, 1986

computerized tomography of the eye and orbit, Hammerschlag SB; Hesselink JR; Weber AL, Reviewed by Robinson KE, (Radiology), **151**: 416, 1984

(Additiology), 191: 410, 1904
CT images in constitutional abnormalities of the posterior pole of the eye: optic disc coloboma, posterior pole staphyloma, Cassier C; Kien P; Caille J-M, (]
Neuroradiol), 15: 11, 1986

infiltrative orbitopathy, optic disc edema, and POEMS, Bourdette DN; Rosenberg NL, (Radiology), 153: 852, 1984

(Madiology), 25. 852, 1954
Malignant uveal melanoma and similar lesions studied by computed tomography, Mafee MF; Peyman GA; McKusick MA, (Radiology), 156: 403, 1985

(Radiology), 156: 403, 1985
malignant uveal melanoma and simulating lesions: MR imaging evaluation, Mafee MF; Peyman GA; Grisolano JM; Fletcher ME; Spigos DG; Wehrli FW; Rasouli F; Capek V, (Radiology), 160: 773, 1986
reactive lymphoid hyperplasia of the uvea: a case with ultrasonographic and computed tomographic studies, Desroches G; Abrams GW; Gass JDM, (Radiology), 151: 826, 1984

odult vitelliform macular detachment occurring in patients with basal laminar drusen, Gass JDM; Jallow S; Davis B, (Radiology), **158**: 572, 1986

angiolymphoid hyperplasia with eosinophilia (Kimura's disease) of the orbit and ocular adnexa, Hidayat AA; Cameron JD; Font RL; et al, (Radiology), **151**: 552, 1984

case report: juvenile xanthogranuloma of the iris managed with superficial radiotherapy, MacLeod PM, (Clin Radiol), 37: 295, 1986

childhood leukokoria: computed tomographic appearance and differential diagnosis with histopathologic correlation, Hopper KD; Katz NNK; Dorwart RH; Margo CE; Filling-Katz M; Sherman JK, (Radiographics), 5: 377,

choroidal granuloma in sarcoidosis, Campo RV; Aaberg TM, (Radiology), **153**: 856, 1984

computed tomographic analysis of deformity and dimensional changes in the eyeball, Osborne DR; Foulks GN, (Radiology), 153:

computerized tomography in orbital disease and neuro-ophthalmology, Peyster RG; Hoover ED, Reviewed by Martin DS, (Radiology), 153: 448, 1984

eye-movement abnormalities in ophthalmoplegia, ataxia, and areflexia (Fisher's syndrome), Zasorin NL; Yee RD; Baloh RW, (Radiology), **157**: 859, 1985

ocular toxocariasis studied by CT scanning, Edwards MG; Pordell GR, (Radiology), 157: 685, 1985

relationship of optic neuritis to disease of the paranasal sinus, Rothstein J; Maisel RH; Berlinger NT; et al, (Radiology), **156**: 861,

retinal neovascularization and ocular toxoplasmosis, Gaynon MW; Boldrey EE, (Radiology), **156**: 861, 1985

sarcoidosis of the orbit with bone destruction, Wolk RB, (AJNR), 5: 204, 1984

Sjogren's syndrome: persistent clinical problem, Bone RC; Fox RI; Howell FV; et al, (Radiology), **158**: 860, 1986

## Eye, effects of irradiation on

supraclinoid intracarotid chemotherapy using apracimoid intracarotid chemotherapy usif a flow-directed soft-tipped catheter, Charnsangavej C; Lee Y-y; Carrasco CH; Fuen LG; Tang RA; Wright KC; Wallace S; Gianturco C, (Radiology), 155: 655, 1985

## Eye, hemorrhage

choroidal detachment and ocular hypotony: CT evaluation, Mafee MF; Peyman GA, (Radiology), **153**: 697, 1984

limited choroidal hemorrhage associated with intracapsular cataract extraction, Hoffman P; Pollack A; Oliver M, (Radiology), 157: 859,

### Eye, injuries

choroidal detachment and ocular hypotony: CT evaluation, Mafee MF; Peyman GA, (Radiology), **153**: 697, 1984

computed tomographic analysis of deformity and dimensional changes in the eyeball, Osborne DR; Foulks GN, (Radiology), 153: 669, 1984

computed tomography in penetrating injury to the eye, Bhimani S; Virapongse C; Sarwar M; et al, (Radiology), **155**: 280, 1985

factors influencing final visual results in severely injured eyes, Hutton WL; Fuller DG, (Radiology), 155: 279, 1985

## Eve, MR studies

anatomic features of the eye disclosed with nuclear magnetic resonance imaging, Sassani JW; Osbakken MD, (Radiology), **153**: 856, 1984

cavernous hemangioma of the retina, cutaneous angiomas, and intracranial cutaneous ariginals, and intercranial vascular lesion evaluated by computed tomography and nuclear magnetic resonance imaging, Schwartz AC; Weaver RG Jr; Bloomfield R; et al, (Radiology), 156: 279, 1985

choroidal melanomas: correlation of NMR spectroscopy and MR imaging, Gomori JM; Grossman RI; Shields JA; Augsburger JJ; Joseph PM; DeSimeone D, (Radiology), 158: 443, 1986

ex vivo metabolic analysis of eye bank corneas using phosphorus nuclear magnetic resonance, Greiner JV; Lass JH; Glonek T, (Radiology), **155**: 282, 1985

ferromagnetism of intraocular foreign body causes unilateral blindness after MR study, Kelly WM; Paglen PG; Pearson JA; et al, (AJNR), 7: 243, 1986

malignant uveal melanoma and simulating lesions: MR imaging evaluation, Mafee MF; Peyman GA; Grisolano JM; Fletcher ME; Spigos DG; Wehrli FW; Rasouli F; Capek V, (Radiology), 160: 773, 1986

(Ratiology, 106.77, 200 MR imaging of enucleated human eyes at 1.4 tesla, terPenning BJ; Cheng HM; Barnett P; et al, (JCAT), 10: 551, 1986

MR imaging of orbital and ocular disease, Sobel DF; Kelly WM; Kjos BO; et al, (AJNR), 6: 259, 1985

NMR of the normal and pathologic eye and orbit, Sobel DF; Mills C; Char DH; et al, (AJNR), 5: 345, 1984

nuclear magnetic resonance imaging of the vitreous body, Gonzalez RG; Cheng H-M; Barnett P; et al, (Radiology), **153**: 856, 1984

ocular MR imaging and spectroscopy: ex vivo study, Gomori JM: Grossman RI; Shields JA; Augsburger JJ; Joseph PM; DeSimeone D, (Radiology), 160: 201, 1986

role of magnetic resonance imaging techniques in the evaluation of orbital and ocular disease, Worthington BS; Wright JE; Curati WL; et al, (Clin Radiol), 37: 219, 1986

Eye, neoplasms

case of the season, Wang AM, (Semin Roentgenol), 19: 163, 1984

choroidal melanoma: comparison of CT, fundoscopy, and US, Peyster RG; Augsburger JJ; Shields JA; Satchell TV; Markoe AM; Clarke K; Haskin ME, (Radiology), 156: 675, 1985

choroidal melanomas: correlation of NMR oroical metanomas: Correlation or NMR spectroscopy and MR imaging, Gomori JM; Grossman RI; Shields JA; Augsburger JJ; Joseph PM; DeSimeone D, (Radiology), 158: 443, 1986

combined malignant lymphoma of the eye and CNS (reticulum-cell sarcoma). report of three cases. Rockwood El; Zakov Z; three cases, Rockwood EJ; Zakov Z; Bay N; et al, (Radiology), 155: 554, 1985

comparison of sonography and computed tomography in the study of orbital space-occupying lesions, Berges O; Vignaud J; Aubin ML, (AJNR), 5: 247, 1984

computed tomography diagnosis of eye tumors and anomalies in early childhood and infancy, Fitz CR; Chuang CH; Harwood-Nash DC, (Radiology), **158**: 282,

computerized ultrasonic tissue characterization of ocular tumors, Coleman DJ; Lizzi FL, (Radiology), 151: 553,

controlled aspiration of subretinal fluid in the diagnosis of carcinoma metastatic to the choroid, Sternberg P Jr; Tiedeman J; Hickingbotham D; et al, (Radiology), **156**:

lymphomatous optic neuropathy, Kline LB; Garcia JH; Harsh GR III, (Radiology), 156:

ooi, 1763
malignant melanoma of the eye: treatment of posterior uveal lesions by Co-60 plaque radiotherapy versus enucleation, Markoe AM; Brady LW Jr; Shields JA; Augsburger JJ; Micaily B; Damsker JI; Day JL; Gamel JW, (Radiology), 156: 801, 1985

malignant uveal melanoma and similar lesions studied by computed tomography, Mafee MF; Peyman GA; McKusick MA, (Radiology), **156**: 403, 1985

(Radiology), 156: 405, 196: malignant uveal melanoma and simulating lesions: MR imaging evaluation, Mafee MF; Peyman GA; Grisolano JM; Fletcher ME; Spigos DG; Wehrli FW; Rasouli F; Capek V, (Radiology), 160: 773, 1986

osseous choristoma of the choroid—a familial disease, Cunha SL, (Radiology), 155: 280,

president's address: cancer cure with organ preservation using radiaion therapy, Brady LW; Markoe AM; Fisher S, (Radiology), 160: 1, 1986

unusual case of orbital encephalocele, Downey EF Jr; Weinstein ZR, (AJNR), 5: 199,

Eye, radiography

alternative method of intraocular foreign-body localization, Watson A; Hartley DE, (AJŘ), 142: 789, 1984

Eye, radionuclide studies

radioactive phosphorus uptake test for the diagnosis of malignant melanoma of the choroid, Shields JA; Packer S, (Semin Nucl Med), 14: 31, 1984

radionuclide detection of blood-retinal barrier radionuclide detection of blood-retinal barrid disruption in diabetes mellitus, Freeman ML; Barnes WE; Eastman G; et al, (Semin Nucl Med), 14: 16, 1984 tumor detection with radiopharmaceuticals, Packer S, (Semin Nucl Med), 14: 21, 1984

Eye, therapeutic radiology dose distribution under external eye shields

for high energy electrons, Rustgi SN, (Int J Radiat Oncol Biol Phys), 12: 141, 1986

malignant melanoma of the eye: treatment of posterior uveal lesions by Co-60 plaque radiotherapy versus enucleation, Markoe AM; Brady LW Jr; Shields JA; Augsburger JJ; Micaily B; Damsker JI; Day JL; Gamel JW, (Radiology), 156: 801, 1985

new radiotherapeutic techniques in nuclear ophthalmology, Fairchild RG, (Semin Nucl Med), 14: 35, 1984

president's address: cancer cure with organ

president's address: cancer cure with organ preservation using radiaion therapy, Brady LW; Markoe AM; Fisher S, (Radiology), 160: 1, 1986 recurrence of sebaceous carcinoma of the evelid after radiation therapy, Nunery WR; Welsh MG; McCord CD, (Radiology), 151: 523 1034

Eye, US studies

ye, Os studies
choroidal melanoma: comparison of CT,
fundoscopy, and US, Peyster RG;
Augsburger JJ; Shields JA; Satchell TV;
Markoe AM; Clarke K; Haskin ME,
(Radiology), 156: 675, 1985
computerized ultrasonic tissue
characterization of ocular tumors,

Coleman DJ; Lizzi FL, (Radiology), 151: 553,

diagnostic spectrum analysis in ophthalmology: physical perspective, Feleppa EJ; Lizzi FL; Coleman DJ; et al, (Ultrasound Med Biol), 12: 623, 1986

immersion A- and B-scan ultrasonography. its use in preoperative evaluation of diabetic vitreous hemorrhage, Jalkh AE; Avila MP; El-Markabi H; et al., (Radiology), 154: 280,

reactive lymphoid hyperplasia of the uvea: a case with ultrasonographic and computed tomographic studies, Desroches G; Abrams GW; Gass JDM, (Radiology), 151: 826, 1984

ultrasonographic mapping of vitreoretinal abnormalities, Zakov ZN; Berlin LA; Gutman FA, (Radiology), **152:** 558, 1984

F

Face

ee also Eye; Jaws; Nose; etc. cholesterol granuloma of the facial skeleton, Lloyd GAS, (Br J Radiol), **59:** 481, 1986

Face, abnormalities

applications of pattern profile analysis to malformations of the head and face, Garn SM; Smith BH; LaVelle M, (Radiology),

cebocephaly: CT and sonographic findings, McCorkell SJ; Ohlsson A; Probst F, (AJNR), 6: 647, 1985

6: 047, 1909 computed tomography of benign masseteric hypertrophy, Braun IF; Torres WE; Landman JA; et al, (JCAT), 9: 167, 1985 cor pulmonale and facio-auricolo-vertebral sequence, Mealer WR; Fisher JC, (Radiology), 155: 854, 1985

fetal face: ultrasound examination, Benacerraf BR; Frigoletto FD Jr; Bieber FR, (Radiology), **153**: 495, 1984

prenatal sonographic diagnosis of hemifacial microsomia (Goldenhar-Gorlin syndrome), Tamas DE; Mahony BS; Bowie JD; et al, (J Ultrasound Med), 5: 461, 1986

quantification of dysmorphogenesis: pattern variability index,  $\sigma_z$ , Garn SM; Lavelle M; Smith BH, (AJR), **144**: 365, 1985

computed tomography of facial trauma, Gentry LR; Smoker WRK, (Semin US CT MR), 6: 129, 1985

infection and tumor of the masticator space: CT evaluation, Hardin CW; Harnsberger HR; Osborn AG; Doxey GP; Davis RK; Nyberg DA, (Radiology), 157: 413,

masticator space: influence of CT scanning on therapy, Doxey GP; Harnsberger HR; Hardin CW; et al, (Radiology), **161:** 862, 1986

Face, fractures

computed tomography and thin-section tomography in facial trauma, Kreipke DL; Moss JJ; Franco JM; et al, (AJNR), 5: 185,

1994
false aneurysm of the maxillary artery, an unusual complication of closed facial trauma, Schwartz HC; Kendrick RW; Pogorel BS, (Radiology), 151: 827, 1984 malar fractures associated with exophthalmos, Godoy J; Mathog RH, (Radiology), 158: 285, 1986.

panoramic zonography ("Zonarc") in the delineation of midface fractures, Harris JH Jr, Littleton JT; Ray RD; Burke JT; Durizch ML; Kaylor S, (Radiographics), 5: 653, 1985

radiology of facial fractures, Dolan K; Jacoby C; Smoker W, (Radiographics), 4: 575, 1984

Face, infection

computed tomography of cervical infections, Nyberg DA; Jeffrey RB Jr; Brant-Zawadzki M; et al, (JCAT), 9: 288, 1985

infection and tumor of the masticator space: CT evaluation, Hardin CW; Harnsberger HR; Osborn AG; Doxey GP; Davis RK; Nyberg DA, (Radiology), 157: 413.

Face, injuries

computed tomography and thin-section tomography in facial trauma, Kreipke DL; Moss JJ; Franco JM; et al, (AJNR), 5: 185,

computed tomography of facial trauma, Gentry LR; Smoker WRK, (Semin US CT MR), 6: 129, 1985

CT of maxillofacial trauma, Johnson DH Jr, (Radiol Clin North Am), 22: 131, 1984

destructive maxillary cemento-ossifying fibroma following maxillofacial trauma, Wenig BL; Sciubba JJ; Cohen A; et al, (Radiology), 155: 281, 1985

(Radiology), 155: 281, 1985 intracerebral pneumatoceles following facial trauma: CT findings, Mendelsohn DB; Hertzanu Y, (Radiology), 154: 115, 1985 penetrating vascular injuries of the face and neck: clinical and angiographic correlation, North CM; Ahmadi J; Segall HD; et al, (AJNR), 7: 855, 1986

Face, MR studies

MR imaging of cavernous hemangioma of the face and neck, Itoh K; Nishimura K; Togashi K; et al, (JCAT), 10: 831, 1986

Face, neoplasms

destructive maxillary cemento-ossifying fibroma following maxillofacial trauma, Wenig BL; Sciubba JJ; Cohen A; et al, (Radiology), 155: 281, 1985

extraordinary growth of giant cell reparative granuloma during pregnancy, Fechner RE; Fitz-Hughs GS; Pope TL, (Radiology), 153: 571, 194

571, 1704 infection and tumor of the masticator space: CT evaluation, Hardin CW; Harnsberger HR; Osborn AG; Doxey GP; Davis RK; Nyberg DA, (Radiology), 157: 413,

perineural tumor extension to the cavernous sinus from superficial facial carcinoma: CT manifestations, Woodruff WW Jr, Yeates AE; McLendon RE, (Radiology), 161: 395, 1986

peripheral facial nerve dysfunction: CT evaluation, Disbro MA; Harnsberger HR; Osborn AG, (Radiology), **155**: 659, 1985

Face, paralysis

normal and pathologic radiographic anatomy of the motor innervation of the face, Chakeres DW; Kapila A, (AJNR), 5: 591, 1984 peripheral facial nerve dysfunction: CT evaluation, Disbro MA; Harnsberger HR; Osborn AG, (Radiology), **155**: 659, 1985

Face, spasm normal and pathologic radiographic anatomy of the motor innervation of the face, Chakeres DW; Kapila A, (AJNR), 5: 591, 1984 radiological analysis of hemifacial spasm with special reference to angiographic manifestations, Carlos R; Fukui M; Hasuo K; et al, (Neuroradiol), 28: 288, 1986

Fallopian tubes

communication between a continuous ambulatory peritoneal dialysis cannula and right fallopian tube demonstrated radiographically, Chatterton B, (Radiology), 155: 851, 1985 fallopian tube occlusion with silicone: radiographic appearance, Dan SJ; Goldstein MS, (Radiology), **151**: 603, 1984

hydrosalpinx and tubal torsion: late complication of tubal ligation, Russin LD, (Radiology), 159: 115, 1986

(Radiology), 199; 115, 1986 postoperative hysterosalpingogram: radiographic-surgical correlation, Schwimmer M; Heiken JP; McClennan BL; Friedrich ERF, (Radiology), 157; 313, 1985 silicone devices for tubal occlusion:

radiographic description and evaluation, Fischer ME; Reed TP; Red DE, (Radiology), 151: 601, 1984

uterine adnexal torsion: sonographic findings, Warner MA; Fleischer AC; Edell SL; Thieme GA; Bundy AL; Kurtz AB; James AE Jr. (Radiology), 154: 773, 1985

Fallopian tubes, abscess computed tomography in the evaluation of tubo-ovarian abscesses in children, Mahboubi 5; Caro PA, (CT), 10: 67, 1986

Fallopian tubes, CT

computed tomography of hydrosalpinx following tubal ligation, Togashi K; Nishimura K; Itoh K; et al, (JCAT), **10**: 78,

Fallopian tubes, diseases salpingitis isthmica nodosa: radiologic and clinical correlates, Creasy JL; Clark RL; Cuttino JT; Groff TR, (Radiology), 154: 597,

Fallopian tubes, US studies fallopian tubal patency assessed by ultrasound following fluid injection. work in progress, Richman Ts; Viscomi GN; deCherney A; Polan ML; Alcebo LO, (Radiology), 152: 507,

fallopian tube patency demonstrated at ultrasonography, Rasmussen F; Larsen C; Justesen P, (Acta Radiol [Diagn]), 27: 61,

hydrosalpinx and tubal torsion: late complication of tubal ligation, Russin LD, (Radiology), **159**: 115, 1986

(Radiology), 139-113, 1700 uterine adnexal torsion: sonographic findings, Warner MA; Fleischer AC; Edell SL; Thieme GA; Bundy AL; Kurtz AB; James AE Jr. (Radiology), 154: 773, 1985

Familial conditions

cerebral CT findings in methylmalonic and propionic acidemias, Gebarski SS; Gabrielsen TO; Knake JE; et al, (Radiology), 152: 553, 1984

colonic polyp patterns in familial polyposis, Bartram CI; Thornton A, (AJR), 142: 305,

congenital stenosis of the male urethra, Gaisie G; Mandell J; Scatliff JH, (AJR), **142**: 1269, 1984

cystic ovaries in cystic fibrosis: an ultrasound

cystic ovaries in cystic forosis: an utrrasound and autopsy study, Shawker TH; Hubbard V5; Reichert CM; et al, (Radiology, 152: 865, 1984 desmoid tumors in Gardner syndrome: use of computed tomography, Magid D; Fishman EK; Jones B; et al, (AJR), 142: 1141, 1984

1984
familial dilated cardiomyopathy associated
with cataracts and hip-spine disease,
Krasnow N; Qazi QH; Vermakov V,
(Radiology), 155: 848, 1985
familial infantile cortical hyperostosis in a
large Canadian family, Maclachlan AK;
Gerrard JW; Houston CS; et al., (Radiology),
154: 276, 1985

familial mixed deafness with branchial arch defects (earpits-deafness syndrome, Slack RWT; Phelps PD, (Radiology), 160: 286, 1986

familial vesicoureteral reflux: study of 16 families, Sirota L; Hertz M; Laufer J; et al, (Urol Radiol), 8: 22, 1986

hereditary hemorrhage telangiectasia: sonographic findings in the liver, Cloogman HM; DiCapo RD, (Radiology), 150: 521, 1984

late-onset Hallervorden-Spatz disease presenting as familial Parkinsonism, Jankovic J; Kirkpatrick JB; Blomquist KA; et al, (Radiology), **157**: 855,

nuclear magnetic resonance tomography in Hallervorden-Spatz syndrome, Vogl TH; Bauer M; Seiderer M; et al, (Radiology), **154**: 564, 1985

ocular findings in a new heritable syndrome of brain, eye, and urogenital abnormalities, Duker JS; Weiss JS; Siber M; et al, (Radiology), 157: 284, 1985

osseous choristoma of the choroid-a familial disease, Cunha SL, (Radiology), 155: 280,

roentgenologic features of the Meckel syndrome, Seppanen U; Herva R, (Radiology), 151: 547, 1984

spondylo-epiphysealis dysplasia tarda (report of 7 cases), Kozlowski K; Masel J, (Radiology), **154**: 558, 1985

turcot syndrome: a case with spinal cord and colonic neoplasms, Radin DR; Fortgang KC; Zee C-S; et al, (AJR), 142: 475, 1984

Waardenburg's syndrome associated with total aganglionosis, Farndon PA; Bianchi A, (Radiology), 152: 849, 1984

X-linked progressive mixed deafness with perilymphatic gusher during stapes surgery, Cremers WRJ; Hombergen GCHJ; Scaf JJ; et al. (Radiology), 158: 573, 1986

Fascia, renal

visibility of the renal fascia at intravenous urography, Thomas AMK; Carr DH, (Radiology), **154**: 271, 1985

**Fasciitis** 

technetium-99m MDP activity in unsuspected necrotizing fasciitis, Lisann NM; Yankelevitz DF; Castronuovo J; et al, (Clin Nucl Med), 11: 218, 1986

hematogenous osteomyelitis with fat-fluid level shown by CT, Rafii M; Firooznia H; Golimbu C; McCauley DI, (Radiology), 153: 493. 1984

Fat. CT

abnormal body fat distribution detected by computed tomography in diabetic men, Shuman WP; Morris LLN; Leonetti DL; et al, (Invest Radiol), 21: 483, 1986

intrafissural fat: CT correlation with chest radiography, Gale ME; Greif WL, (Radiology), **160**: 333, 1986

omental fat simulating pleural fluid in traumatic diaphragmatic hernia: CT characteristics, Gurney J; Harrison WL; Anderson JC, (JCAT), 9: 1112, 1985

positional relations of colon and kidne determined by perirenal fat, Hadar H; Gadoth N, (AJR), 143: 773, 1984

postprocessing dual energy technique for vertebral CT densitometry, Laval-Jeantet AM; Cann CE; Roger B; et al, (JCAT), 8: 1164, 1984

who has most epidural fat? information from computed tomography, Dixon AK, (Br J Radiol), 59: 475, 1986

Fat, MR studies

MR imaging of fat, Dooms GC; Hricak H; Margulis AR; de Geer G, (Radiology), **158**: 51, 1986

proton magnetic resonance relaxation behavior of whole muscle with fatty inclusions, Fullerton GD; Cameron IL; Hunter K; Fullerton HJ, (Radiology), 155: 727, 1985

Fat, necrosis

focal fat necrosis presenting as a palpable abdominal mass: CT evaluation, Haynes JW; Brewer WH; Walsh JW, (JCAT), 9: 568, 1985

pancreatic acinar cell carcinoma with subcutaneous and intraosseous fat necrosis, Radin DR; Colletti PM; Forrester DM; Tang WW, (Radiology), 158: 67, 1986

Fat, US studies

sonographic fat/muscle ratio, Fried AM; Coughlin K; Griffen WO, (Invest Radiol), 21: 71, 1986

30-year experience with bone graft epiphysiodesis in the treatment of slipped capital femoral epiphysis, Weiner DS; Weiner S; Melby A; et al, (Radiology), 153:

comparison of sector and linear array scanners for the measurement of the fetal femur, Jeanty P; Beck GJ; Chervenak FA; et al, (J Ultrasound Med), 4: 525, 1985

evaluation of the Singh index and femoral calcar width as epidemiological methods for measuring bone mass in the femoral neck, Cooper C; Barker DJP; Hall AJ, (Clin Radiol), 37: 123, 1986

intracortical osteosarcoma: rare entity or early manifestation of classical osteosarcoma?, Picci P; Gherlinzoni F; Guerra A, (Radiology), 153: 269, 1984

magnetic resonance imaging of the normal and ischemic femoral head, Totty WG; Murphy WA; Ganz WI; et al, (AJR), 143: 1273, 1984

periosteal ganglion: a cause of cortical bone erosion, McCarthy EF; Matz S; Steiner GC; et al, (Radiology), **154**: 556, 1985

slipped capital femoral epiphysis, Schoenecker PL, (Radiology), **157**: 567, 1985

Femur, abnormalities

congenital short femur: prenatal sonographic diagnosis, Graham M, (J Ultrasound Med), 4: 361, 1985

femoral head size in congenital dislocation of the hip, O'Brien T; Salter RB, (Radiology), 157: 854, 1985

femoral neck growth deformity following the irritable hip syndrome, Wolinski AP; McCall IW; Evans G; et al, (Radiology), 155:

femoral torsion: CT measurement, Mahboubi S; Horstmann H, (Radiology), 160: 843, 1986

greater trochanteric overgrowth: development and surgical correction, Fernbach SK; Poznanski AK; Kelikian AS; Tachjdian MO; Marzano MJ, (Radiology), 154: 661, 1985

missing" femoral condyle: unusual sequel at o meonatal osteomyelitis and septic arthritis, Singson RD; Berdon WE; Feldman F; Denton JR; Abramson S; Baker DH, (Radiology), 161: 359, 1986

Femur, CT

case report 353, Resnik CS; Steffe JW; Wang SE, (Skeletal Radiol), 15: 175, 1986

femoral head avascular necrosis: CT assessment with multiplanar reconstruction, Magid D; Fishman EK; Scott WW Jr; Brooker AF; Arnold WP; Lennox DW; Siegelman SS, (Radiology), 157: 751, 1985

femoral torsion: CT measurement, Mahboubi S; Horstmann H, (Radiology), 160: 843, 1986

trabecular bone density in the proximal femur: quantitative CT assessment. work in progress, Sartoris DJ, Andre M; Resnik CS; Resnick D, (Radiology), 160: 707, 1986

Femur, diseases

distal femoral epiphysis: normal standards for thickness and application to bone dysplasias, Schlesinger AE; Poznanski AK; Pudlowski RM; Millar EA, (Radiology), 159: 515, 1986

lesions of the femoral neck in Legg-Perthes disease, Silverman FN, (AJR), 144: 1249, 1985

Femur, fractures

bilateral "simultaneous" femoral neck fractures following minimal stress, Vento JA; Slavin JD Jr; O'Brien JJ; et al, (Clin Nucl Med), 11: 411, 1986

bone imaging in the diagnosis of fractures of the femur and pelvis in the sixth to tenth decades, Slavin JD Jr; Mathews J; Spencer RP, (Clin Nucl Med), 11: 328, 1986

spontaneous stress fractures of the femoral neck, Dorne HL; Lander PH, (AJR), 144: 343, 1985

supracondylar fracture of the femur after total knee arthroplasty, Merkel KD; Johnson EW Jr, (Radiology), **160**: 285, 1986

trabecular bone density in the proximal femur: quantitative CT assessment. work in progress, Sartoris DJ; Andre M; Resnik CS; Resnick D, (Radiology), 160: 707, 1986

tuberculous pathological fracture of the femur in a 15-year-old boy, Jenyo MS; Komolafe F, (Pediatr Radiol), **16**: 260, 1986

Femur, injuries

focal lytic lesions associated with femoral stem loosening in total hip prosthesis, Scott WW Jr; Riley LH Jr; Dorfman HD, (AJR), 144: 977, 1985

proximal femoral epiphysiolysis in the neonate, Ogden JA; Lee KE; Rudicel SA; et al, (Radiology), **154**: 276, 1985

slipped capital femoral epiphysis, Schoenecker PL, (Radiology), **157**: 567, 1985

slipped capital femoral epiphysis in growth hormone-deficient patients, Rappaport EB; Fife D, (Radiology), **157**: 570, 1985

Femur, MR studies

magnetic resonance imaging of avascular necrosis of the femoral head, Thickman D; Axel L; Kressel HY; et al, (Skeletal Radiol),

#### Femur, necrosis

- avascular necrosis of the femoral head: morphologic assessment by MR imaging, with CT correlation, Mitchell DG; Kressel HY; Arger PH; Dalinka MK; Spritzer CE; Steinberg ME, (Radiology), 161: 739, 1986
- case report 352, Shpall EJ; Efremidis AP; Kasambalides E; et al, (Skeletal Radiol), **15**: 170, 1986
- complications of intertrochanteric rotational osteotomy, Braunstein EM; Weissman BN; Sosman JL; et al, (Radiology), **154**: 556, 1985
- early scintigraphic diagnosis of femoral head necrosis following femoral neck fractures, Ru-bin C; De-chang M; Qiang-de N; et al, (Radiology), 153: 282, 1984
- femoral head avascular necrosis: CT assessment with multiplanar reconstruction, Magid D; Fishman EK; Scott WW Jr; Brooker AF; Arnold WP; Lennox DW; Siegelman SS, (Radiology), 157: 751, 1985
- "femoral head necrosis" in metabolic and hormonal osteopathies—a radiologicalmorphological analysis, Heuck FHW; Treugut H, (Radiology), **154**: 849, 1985
- magnetic resonance imaging of avascular necrosis of the femoral head, Thickman D; Axel L; Kressel HY; et al, (Skeletal Radiol), 15: 133, 1986
- MR imaging of iliopsoas bursitis and concurrent avascular necrosis of the femoral head, Cohen JM; Hodges SC; Weinreb JC; et al., (JCAT), 9: 969, 1985

#### Femur, neoplasms

- case report 347, Frassica FJ; Unni KK; Sim FH, (Skeletal Radiol), 15: 77, 1986
- case report 353, Resnik CS; Steffe JW; Wang SE, (Skeletal Radiol), 15: 175, 1986
- case report 362, Lysko JE; Guilford WB; Siegal GP; et al, (Skeletal Radiol), 15: 268, 1986
- chondrosarcoma in children subsequent to other malignant tumours in different locations, Vanel D; Coffre C; Zemoura L; et al, (Radiology), **154**: 562, 1985
- leiomyosarcoma in bone: primary or secondary? a case report and review of the literature, Fornasier VL; Paley D, (Radiology), 153: 562, 1984
- tumor-like lesions in the femur with cementum-like material. does a "cementoma" of long bone exist?, Adler CP, (Radiology), 157: 851, 1985

## Femur, radiography

- bone mineral density in the femoral neck: quantitative assessment using dual-energy projection radiography, Sartoris DJ; Sommer FG; Marcus R; et al, (AJR), 144: 605, 1985
- radiological evaluation of multiple pin fixation of the femoral head, Turner A; Taylor JF; Carty H; et al, (Radiology), **155**: 852, 1985

## Femur, radionuclide studies

- bone imaging in the diagnosis of fractures of the femur and pelvis in the sixth to tenth decades, Slavin JD Jr; Mathews J; Spencer RP, (Clin Nucl Med), 11: 328, 1986
- early scintigraphic diagnosis of femoral head necrosis following femoral neck fractures, Ru-bin C; De-chang M; Qiang-de N; et al, (Radiology), 153: 282, 1984
- failure of uptake of radiocolloid by the femoral heads: a diagnostic problem: concise communication, Spencer RP; Lee YS; Sziklas JJ; et al, (Radiology), **150**: 617, 1984
- scintigraphic and x-ray arthrographic diagnosis of femoral prosthesis loosening: concise communication, Uri G; Wellman H; Capello W; et al, (Radiology), **154**: 862, 1985

#### Femur, torsion

- femoral torsion: CT measurement, Mahboubi S; Horstmann H, (Radiology), 160: 843, 1986
- measurement of femoral torsion: comparison of standard roentgenographic techniques with ultrasound, Phillips HO; Greene WB; Guilford WB; et al, (Radiology), **158**: 575, 1986

#### Femur, US studies

sonographic evaluation of the distal femoral epiphyseal ossification center, McLeary RD; Kuhns LR, (Radiology), **152**: 866, 1984

#### Fertility See Sterility

## Fetus

## See also Pregnancy

chorionic villi sampling: a new technique for detection of genetic abnormalities in the first trimester, Cadkin AV; Ginsberg NA; Pergament E; Verlinski Y, (Radiology), 151: 159, 1984

#### Fetus, abnormalities

- abnormal facial features and extremities in human trisomy syndromes: prenatal US appearance, Benacerraf BR; Frigoletto FD Jr; Greene MF, (Radiology), 159: 243, 1986
- acardiac anomaly: review of the subject with case report and emphasis on practical sonography, Gibson JY; D'Cruz CA; Patel RB; et al, (JCU), 14: 541, 1986
- amnionicity and chorionicity in twin pregnancies: prediction using ultrasound, Mahony BS; Filly RA; Callen PW, (Radiology), 155: 205, 1985
- amniotic band syndrome in intrauterine ultrasound diagnosis, Bonilla-Musoles F; Ramirez JV; Bickmann HJ, (Radiology), 155: 285. 1985
- antenatal diagnosis of diaphragmatic anomalies, Comstock CH, (J Ultrasound Med), 5: 391, 1986
- antenatal diagnosis of frontal cephalocele in a fetus with atelosteogenesis, Chervenak FA; Isaacson G; Rosenberg JC; et al, (J Ultrasound Med), 5: 111, 1986
- antenatal recognition of cerebral anomalies, Pilu G; Rizzo N; Orsini LF; et al, (Ultrasound Med Biol), 12: 319, 1986
- antenatal sonographic appearance of Beckwith-Wiedemann syndrome, Koontz WL; Shaw LA; Lavery JP, (JCU), **14**: 57. 1986
- antenatal sonographic diagnosis of clubfoot, Chervenak FA; Tortora M; Hobbins JC, (J Ultrasound Med), 4: 49, 1985
- antenatal sonographic findings in trisomy 18, Bundy AL; Saltzman DH; Pober B; et al, (J Ultrasound Med), 5: 361, 1986
- antenatal sonographic visualization of cloacal dysgenesis, Lande IM; Hamilton EF, (J Ultrasound Med), 5: 275, 1986
- antenatal ultrasound findings in fetal triploidy syndrome, Crane JP; Beaver HA; Cheung SW, (J Ultrasound Med), 4: 519, 1985
- antenatal ultrasound findings in fetal triploidy syndrome, Crane JP; Beaver HA; Cheung SW, (Radiology), **158**: 862, 1986
- case report 386, Cremin BJ; Ross JL, (Skeletal Radiol), 15: 495, 1986 clinical course of fetal hydrocephalus: 40 case
- clinical course of fetal hydrocephalus: 40 cases, Pretorius DH; Davis K; Manco-Johnson ML; et al, (AJNR), 6: 23, 1985
- clinical course of fetal hydrocephalus: 40 cases, Pretorius DH; Davis K; Manco-Johnson ML; et al, (AJR), 144: 827, 1985
- clinical significance of increased echogenicity in the fetal abdomen, Lince DM; Pretorius DH; Manco-Johnson ML; et al, (AJR), 145: 683, 1985
- cutaneous and visceral hemangiomata in the Klippel-Trenaunay-Weber syndrome: antenatal sonographic detection, Lewis BD; Doubilet PM; Helfer VL; et al, (AJR), 147: 598, 1986
- detection of fetal growth disorders, Romero R; Jeanty P, (Semin US CT MR), 5: 130, 1984
- early prenatal diagnosis of cyclopia associated with holoprosencephaly. Toth Z; Csecsei K; Szeifert G; et al. (JCU), 14: 550, 1986 exencephaly: sonographic findings and radiologic-pathologic correlation, Cox GG; Rosenthal SJ; Holsapple JW, (Radiology), 155: 755, 1985
- Rosenthal SJ; Holsapple JW, (Radiology), 155: 755, 1985 failure of furosemide to induce diuresis in a growth-retarded fetus, Rosenberg ER; Bowie JD, (AJR), 142: 485, 1984
- femur length/abdominal circumference ratio: poor predictor of macrosomic fetuses in diabetic mothers, Benson CB; Doubilet PM; Saltzman DH; et al, (J Ultrasound Med), 5: 141, 1986
- fetal cystic hygroma: cause and natural history, Chervenak FA; Isaacson G; Blakemore KJ; et al, (Radiology), 151: 834, 1984
- fetal face: ultrasound examination, Benacerraf BR; Frigoletto FD Jr; Bieber FR, (Radiology), **153**: 495, 1984

- fetal hydrops secondary to a paratracheal hemangiomatous malformation, Lenke RR; Cyr DR; Mack LA; et al, (J Ultrasound Med), 5: 223, 1986
- fetal mucolipidosis II (I-cell disease): radiologic and pathologic correlation, Babcock DS; Bove KE; Hug G; et al, (Pediatr Radiol), 16: 32, 1986
- fetal neck hemangioendothelioma with secondary hydrops fetalis: sonographic diagnosis, McGahan JP; Schneider JM, (JCU), 14: 384, 1986
- fetal omphalocele and gastroschisis: pitfalls in sonographic diagnosis, Lindfors KK; McGahan JP; Walter JP, (AJR), 147: 797, 1986
- fetal ovarian cysts: sonographic detection and association with hypothyroidism, Jafri SZH; Bree RL; Silver TM; Ouimette M, (Radiology), 150: 809, 1984
- fetal renal cystic disease: sonographicpathologic correlation, Fong KW; Rahmani MR; Rose TH; et al, (AJR), 146: 767,
- fetal urethral obstruction: US evaluation, Mahony BS; Callen PW; Filly RA, (Radiology), 157: 221, 1985
- fetal uropathies diagnostic pitfalls and management, Avni EF; Rodesch F; Schulman CC, (Radiology), **159**: 571, 1986
- hydranencephaly: US appearance during in utero evolution, Greene MF; Benacerraf BR; Crawford JM, (Radiology), 156: 779, 1985
- hydrometrocolpos, uterus didelphys, and septate vagina: antenatal sonographic diagnosis, Russ PD; Zavitz WR; Pretorius DH; et al, (J Ultrasound Med), 5: 211, 1986
- importance of karyotype determination in a fetus with ventriculomegaly and spina bifida discovered during the third trimester, Chervenak FA; Goldberg JD; Chiu T-H; et al, (J Ultrasound Med), 5: 405, 1986
- intrauterine cystocentesis: simple procedure to relieve anatomic and physiologic dysfunction in the fetus, Woo JSK; Li DFH; Wan MCW; et al. (JCU), 14: 474, 1986
- in utero analysis of heterozygous achondroplasia: variable time of onset as detected by femur length measurements, Kurtz AB; Filly RA; Wapner RJ; et al. (J Ultrasound Med), 5: 137, 1986
- in utero diagnosis of congenital diaphragmatic hernia by CT amniography, Kelly DR; Grant EG; Zeman RK; et al, (JCAT), 10: 500, 1986
- in utero sonographic detection of hand and foot deformities, Jeanty P; Romero R; d'Alton M; et al, (J Ultrasound Med), 4: 595, 1985
- in utero sonographic recognition of diastematomyelia, Williams RA; Barth RA, (AJR), 144: 87, 1985
- invasive techniques for antenatal diagnosis: chorionic villus biopsy, fetoscopy, and amniocentesis, Romero R; Jeanty P; Hobbins JC, (Semin US CT MR), 5: 298, 1984
- limb-body wall complex: in utero sonographic diagnosis of a complicated fetal malformation, Patten RM; Van Allen M; Mack LA; et al, (AJR), 146: 1019, 1986
- magnetic resonance imaging of fetal anomalies in utero: early experience, McCarthy SM; Filly RA; Stark DD; et al, (AJR), 145: 677, 1985
- multicystic dysplastic kidney in utero: changing appearance on US, Hashimoto BE; Filly RA; Callen PW, (Radiology), 159: 107,
- normal fetal sacrum simulating spina bifida: "pseudodysraphism", Dennis MA; Drose JA; Pretorius DH; Manco-Johnson ML, (Radiology), 155: 751, 1985
- prenatal diagnosis of cardiovascular malformations in the fetus with situs inversus viscerum during the second trimester of pregnancy, De Vore GR; Sarti DA; Siassi B; et al, (JCU), 14: 454, 1986
- prenatal diagnosis of dwarfism by ultrasound screening, Weldner B-M; Persson P-H; Ivarsson SA, (Radiology), 160: 288, 1986
- prenatal examination of the fetal cranium, spine, and central nervous system, Fasto ME; Kurtz AB, (Semin US CT MR), 5: 170, 1984

- prenatal sonographic diagnosis of a fetal facial hemangioma, Pennell RG; Baltarowich OH, (J Ultrasound Med), 5: 525, 1986
- prenatal sonographic diagnosis of congenital hemivertebra, Benacerraf BR; Greene MF; Barss VA, (J Ultrasound Med), 5: 257, 1986
- prenatal sonographic diagnosis of Jeune syndrome, Schinzel A; Savoldelli G; Briner J; Schubiger G, (Radiology), **154**: 777,
- prenatal sonographic diagnosis of triploidy, Edwards MT; Smith WL; Hanson J; et al, (J Ultrasound Med), 5: 279, 1986
- prenatal ultrasonographic diagnosis of osteogenesis imperfecta lethalis, Brown BSJ, (Radiology), **153**: 860, 1984
- prenatal ultrasound diagnosis of clubfoot, Benacerraf BR; Frigoletto FD Jr, (Radiology), 155: 211, 1985
- pseudoomphalocele: pitfall in fetal sonography, Salzman L; Kuligowska E; Semine A, (AJR), **146**: 1283, 1986
- schizencephaly: diagnosis and progresson in utero, Klingensmith WC III; Cioffi-Ragan DT, (Radiology), **159**: 617, 1986
- scrotal masses caused by meconium peritonitis: prenatal sonographic diagnosis, Kenney PJ; Spirt BA; Ellis DA; Patil U, (Radiology), **154**: 362, 1985
- sonographic detection of fetal extrathoracic pulmonary sequestration, Mariona F; McAlpin G; Zador I; et al, (J Ultrasound Med), 5: 283, 1986
- sonographic detection of fetal hydrometrocolpos, Hill SJ; Hirsch JH, (J Ultrasound Med), 4: 323, 1985
- sonographic diagnosis of cloverleaf skull and thanatophoric dysplasia in the second trimester, Weiner CP; Williamson RA; Bonsib SM, (JCU), 14: 463, 1986
- sonographic diagnosis of clubfoot in utero, Hashimoto BE, Filly RA, Callen PW, (J Ultrasound Med), 5: 81, 1986
- sonographic diagnosis of hydramnios and oligohydramnios, Moore PT; Mencini RA; Spitz HB, (Semin US CT MR), 5: 157, 1984
- sonographic diagnosis of lethal osteogenesis imperfecta in the second trimester: case report and review, Merz E; Goldhofer W, (JCU), 14: 380, 1986
- sonographic evaluation of fetal anomalies in oligohydramnios between 16 and 30 weeks gestation, Sivit CJ; Hill MC; Larsen JW; et al, (AJR), **146**: 1277, 1986
- sonographic evaluation of multiple pregnancy, Crane JP, (Semin US CT MR), 5: 144, 1984
- sonographic features associated with cleft palate, Bundy AL; Saltzman DH; Emerson D; et al, (JCU), **14**: 486, 1986
- sonographic findings in otocephaly (synotia), Cayea PD; Bieber FR; Ross MJ; et al, (J Ultrasound Med), 4: 377, 1985
- sonography, a complementary examination to alpha-fetoprotein testing for fetal neural tube defects, Hashimoto BE; Mahony BS; Filly RA; et al, (J Ultrasound Med), 4: 307,
- sonography of the fetal duplex kidney, Jeffrey RB Jr; Laing FC; Wing VW; Hoddick WK, (Radiology), **153**: 123, 1984
- sonography of the fetal gastrointestinal system, Mukuno DH; Lee TG; Harnsberger HR; et al, (Semin US CT MR), 5: 194, 1984
- technique of early sonographic diagnosis of bilateral cleft lip and palate, Seeds JW; Cefalo RC, (Radiology), **152**: 268, 1984
- thanatophoric dwarfism with the cloverleaf skull: specific antenatal sonographic diagnosis, Mahony BS; Filly RA; Callen PW; et al, (J Ultrasound Med), 4: 151,
- toluene embryopathy, Hersh JH; Podruch PE; Rogers G; et al, (Radiology), **158**: 284, 1986
- ultrasound case of the day, annual meeting, 1985, Sandler MA; Beute CH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM, (Radiographics), 6: 1096, 1986
- ultrasound experience with prenatal genitourinary abnormalities, Bruno AN; Lavin JP; Nasrallah PF, (Radiology), **158**: 287, 1986

- unsuspected fetal abnormality, Zagoria RJ; Machen BC; King GT; et al, (Invest Radiol), 21: 282, 1986
- varied sonographic appearance of cystic hygromas in utero, Rahmani MR; Fong KW; Connor TP, (J Ultrasound Med), 5: 165, 1986

#### Fetus, blood supply

serial echo-Doppler measurements of human fetal abdominal aortic blood flow, Eldridge MW; Berman W Jr; Greene ER, (J Ultrasound Med), 4: 453, 1985

### Fetus, cardiovascular system

- chronic maternal cigarette smoking and fetal abdominal aortic blood flow in humans, Eldridge MW; Berman W Jr; Greene ER, (J Ultrasound Med), 5: 131, 1986
- demonstration of the fetal cardiovascular system by MR imaging, McCarthy SM; Stark DD; Higgins CB, (JCAT), 8: 1168, 1984
- detection of fetal cardiac activity between 41 and 43 days of gestation, Cadkin AV; McAlpin J, (J Ultrasound Med), 3: 499, 1984
- echocardiographic diagnosis of multiple fetal cardiac tumors, Dennis MA; Appareti K; Manco-Johnson ML; et al, (J Ultrasound Med), 4: 327, 1985
- fetal cardiac arrhythmias and their effect on volume blood flow in descending aorta of human fetus, Tonge HM; Wladimiroff JW; Noordam MJ; et al, (JCU), 14: 607, 1986
- fetal cardiac dimensions: a potential tool for the diagnosis of congenital heart defects, Jeanty P; Romero R. Cantraine F; et al, (Radiology), 155: 285, 1985
- fetal echocardiography—the challenge of the 1980s, DeVore GR, (Semin US CT MR), 5:
- high-resolution real-time sonography of fetal cardiovascular anatomy, Jeffrey RB Jr; Laing FC, (Radiology), **150**: 300, 1984
- impact of fetal echocardiography on perinatal outcome, Copel JA; Kleinman CS, (Ultrasound Med Biol), 12: 327, 1986
- in utero diagnosis and management of fetal supraventricular tachycardia, Albers WH; Thompson RE, (Radiology), **150**: 300, 1984
- prenatal diagnosis of a human pseudoacardiac anomaly, Gewolb IH; Freedman RM; Kleinman CS; et al, (Radiology), **150**: 868,
- prenatal diagnosis of arteriovenous malformation of the vein of Galen, Reiter AA; Huhta JC; Carpenter RJ Jr; et al, (JCU), 14: 623, 1986
- prenatal diagnosis of multiple cardiac tumors presenting as an arrhythmia, Hoadley SD; Wallace RL; Miller JF; et al, (JCU), 14: 639,
- prenatal ultrasonographic diagnosis of cardiomegaly due to tricuspid incompetence, Brown J; Gunn TR; Mora JD; et al, (Pediatr Radiol), **16**: **440**, 1986
- proposal for referral patterns for fetal cardiac studies, Reed KL; Sahn DJ, (Semin US CT MR), 5: 249, 1984
- random measurement of the transverse diameter of the fetal heart: potential source of error, DeVore GR; Platt LD, (J Ultrasound Med), 4: 335, 1985
- systematic approach to fetal echocardiography using real-time/two-dimensional sonography, Cyr DR; Guntheroth WG; Mack LA; et al. (J Ultrasound Med), 5: 343,
- ultrasonic diagnosis of ectopia cordis, Mercer LJ; Petres RE; Smeltzer JS, (Radiology), **150**: 869, 1984
- umbilical vein thrombosis: sonographic detection in utero, Abrams SL; Callen PW; Filly RA, (J Ultrasound Med), 4: 283, 1985
- use of the abdominal circumference as a means of assessing M-mode ventricular dimensions during the second and third trimesters of pregnancy in the normal human fetus, DeVore GR; Siassi B; Platt LD, (J Ultrasound Med), 4: 175, 1985
- vascular anatomy of the fetus, Jeanty P; Romero R; Hobbins JC, (Radiology), 153:

#### Fetus, central nervous system

agenesis of the corpus callosum in the fetus: its evolution and significance, Comstock CH; Culp D; Gonzalez J; et al, (J Ultrasound Med), 4: 613, 1985

- algorithm for prenatal ultrasound diagnosis of congenital CNS abnormalities, Carrasco CR; Stierman ED; Harnsberger HR; et al, (J Ultrasound Med), 4: 163, 1985
- alobar holoprosencephaly: ultrasonographic prenatal diagnosis, Filly RA; Chinn DH; Callen PW, (Radiology), **151:** 455, 1984
- antenatal recognition of cerebral anomalies, Pilu G; Rizzo N; Orsini LF; et al, (Ultrasound Med Biol), 12: 319, 1986
- fetal cisterna magna, Mahony BS; Callen PW; Filly RA; Hoddick WK, (Radiology), **153**: 773, 1984
- fetal subarachnoid cisterns: ultrasound study with report of a case of congenital communicating hydrocephalus, Pilu G; De Palma L; Romero R; et al, (J Ultrasound Med), 5: 365, 1986
- hydranencephaly: US appearance during in utero evolution, Greene MF; Benacerraf BR; Crawford JM, (Radiology), **156**: 779, 1985
- in utero sonographic diagnosis of intracerebral hemorrhage, Mintz MC; Arger PH; Coleman BG, (J Ultrasound Med), 4: 375,
- MR imaging of cerebral abnormalities in utero, Thickman D; Mintz M; Mennuti M; et al, (JCAT), 8: 1058, 1984
- potential pitfall in the ultrasonographic diagnosis of fetal encephalocele, Fink IJ; Chinn DH; Callen PW, (Radiology), 151:
- prenatal examination of the fetal cranium, spine, and central nervous system, Pasto ME; Kurtz AB, (Semin US CT MR), 5:
- prenatal sonographic diagnosis of congenital hemivertebra, Benacerraf BR; Greene MF; Barss VA, (J Ultrasound Med), 5: 257, 1986
- prenatal sonographic visualization of the inner ear, Isaacson G; Mintz MC, (J Ultrasound Med), 5: 409, 1986
- schizencephaly: diagnosis and progresson in utero, Klingensmith WC III; Cioffi-Ragan DT, (Radiology), **159**: 617, 1986
- sonographic evaluation of cerebral cortical mantle thickness in the fetus and neonate with hydrocephalus, Callen PW; Hashimoto BE; Newton TH, (J Ultrasound Med), 5: 251, 1986
- sonography, a complementary examination to alpha-fetoprotein testing for fetal neural tube defects, Hashimoto BE, Mahony BS; Filly RA; et al, (J Ultrasound Med.), 4: 307, 1985
- sonography as a procedure complementary to  $\alpha$ -fetoprotein testing for neural tube defects, Slotnick N; Filly RA; Callen PW; et al, (Radiology), **150**: 869, 1984
- spontaneous intrauterine resolution of intraventricular cystic masses, Friday RO; Schwartz DB; Tuffli GA, (J Ultrasound Med),
- ultrasonic evaluation of the size of the trigone of the fetal ventricle, McGahan JP; Phillips HE, (Radiology), **151:** 835, 1984

- artifacts seen during CT pelvimetry: implications for digital systems with scanning beams, Brody AS; Saks BJ; Field DR; Skinner SR; Capra RE, (Radiology), 160: 269, 1986
- conceptus dose from two state-of-the-art CT scanners, Wagner LK; Archer BR; Zeck OF, (Radiology), 159: 787, 1986
- in utero diagnosis of congenital diaphragmatic hernia by CT amniography, Kelly DR; Grant EG; Zeman RK; et al, (JCAT), 10: 500, 1986

#### Fetus, death

- fetal urethral obstruction: US evaluation, Mahony BS; Callen PW; Filly RA, (Radiology), 157: 221, 1985
- ultrasonic appearance of intravascular gas in fetal death, Weinstein BJ; Platt LD, (Radiology), **152**: 867, 1984

## Fetus, effects of irradiation on

- average fetal depth in utero: data for estimation of fetal absorbed radiation dose, Ragozzino MW; Breckle R; Hill LM; Gray JE, (Radiology), **158**: 513, 1986
- fetal dosimetry from pulmonary imaging in pregnancy: revised estimates, Ponto JA, (Clin Nucl Med), 11: 108, 1986

## Fetus, growth and development

## Fetus, endocrine glands

sonographic detection of fetal goiter, unusual cause of hydramnios, Barone CM; Van Nutta FC; Kourides IA; et al, (J Ultrasound Med), 4: 625, 1985

### Fetus, gastrointestinal tract

antenatal detection of hepatic cyst, Chung W-M, (JCU), 14: 217, 1986

bowel migration in the normal fetus: US detection, Cyr DR; Mack LA; Schoenecker SA; Patten RM; Shepard TH; Shuman WP; Moss AA, (Radiology), 161: 119, 1986

congenital chloridorrhea: antenatal ultrasonographic appearance, Groli C; Zucca S; Cesaretti A, (JCU), 14: 293, 1986

early diagnosis and intrauterine therapy of meconium plug syndrome in the fetus: risks and benefits, Samuel N; Dicker D; Landman J; et al, (J Ultrasound Med), 5: 425, 1986

fetal omphalocele and gastroschisis: pitfalls in sonographic diagnosis, Lindfors KK; McGahan JP; Walter JP, (AJR), **147**: 797, 1986

fetal small bowel simulating an abdominal mass at sonography, Manco LG; Nunan FA Jr; Sohnen H; et al, (JCU), 14: 404, 1986

ischemic hepatic necrosis: cause of fetal liver calcification, Nguyen DL; Leonard JC, (AJR), 147: 596, 1986

prenatal and postnatal sonographic delineation of gastrointestinal abnormalities in a case of the VATER syndrome, Claiborne AK; Blocker SH; Martin CM; et al, (J Ultrasound Med), 5: 45, 1986

prenatal sonographic diagnosis of Hirschsprung's disease, Vermesh M; Mayden KL; Confino E; et al, (J Ultrasound Med), 5: 37, 1986

sonography of the fetal gastrointestinal system, Mukuno DH; Lee TG; Harnsberger HR; et al, (Semin US CT MR), 5: 194, 1984

ultrasound diagnosis of situs inversus in utero. a case report, Stoker AF; Jonnes SV; Spence J, (Radiology), **152**: 865, 1984

ultrasound evaluation of the normal fetal upper airway and esophagus, Cooper C; Mahony BS; Bowie JD; et al, (J Ultrasound Med), 4: 343, 1985

#### Fetus, genitourinary system

antenatal sonographic diagnosis of adrenal neuroblastoma, Fowlie F; Giacomantonio M; McKenzie E; et al, (J Canad Assoc Radiol), 37: 50, 1986

antenatal sonographic diagnosis of complicated ovarian cysts, Preziosi P; Fariello G; Maiorana A; et al, (JCU), 14: 196, 1986

antenatal sonographic visualization of cloacal dysgenesis, Lande IM; Hamilton EF, (J Ultrasound Med), 5: 275, 1986

changing sonographic appearance of fetal kidneys during pregnancy, Bowie JD; Rosenberg ER; Andreotti RF; et al, (Radiology), **152**: 866, 1984

fetal hydronephrosis and polyhydramnios associated with vesico-ureteral reflux, Philipson EH; Wolfson RN; Kedia KR, (Radiology), 157: 862, 1985

fetal hydronephrosis: problems in diagnosis and management, Diament MJ; Fine RN; Ehrlich R; et al, (Radiology), **152**: 268, 1984

fetal renal cystic disease: sonographicpathologic correlation, Fong KW; Rahmani MR; Rose TH; et al, (AJR), 146: 767, 1986

fetal renal dysplasia: sonographic evaluation, Mahony BS; Filly RA; Callen PW; Hricak H; Golbus MS; Harrison MR, (Radiology), **152**: 143, 1984

fetal uropathies diagnostic pitfalls and management, Avni EF; Rodesch F; Schulman CC, (Radiology), **159**: 571, 1986

hydrometrocolpos, uterus didelphys, and septate vagina: antenatal sonographic diagnosis, Russ PD; Zavitz WR; Pretorius DH; et al, (J Ultrasound Med), 5: 211, 1986

in utero diagnosis of crossed renal ectopia using high-resolution real-time ultrasound, Greenblatt AM; Beretsky I; Lankin DH; et al, (J Ultrasound Med), 4: 105, 1985 management of fetal urinary tract anomalies detected by prenatal ultrasonography, Turnock RR; Shawis R, (Radiology), 155: 856. 1985

minimal fetal renal pyelectasis, Hoddick WK; Filly RA; Mahony BS; et al, (J Ultrasound Med), 4: 85, 1985

multicystic dysplastic kidney: observations of contralateral disease in the fetal population, Kleiner B, Filly RA; Mack LA; Callen PW, (Radiology), 161: 27, 1986

posterior urethral valves: update and review, Macpherson RI; Leithiser RE Jr; Gordon L; Turner WR, (Radiographics), 6: 753, 1986

postpartum evaluation of fetal hydronephrosis: optimal timing for followup sonography, Laing FC; Burke VD; Wing VW; Jeffrey RB Jr; Hashimoto B, (Radiology), 152: 423, 1984

prenatal and immediate postnatal ultrasonographic diagnosis of ureterocele, Fitzsimons PJ; Frost RA; Millward SF; et al, (J Canad Assoc Radiol), 37: 189, 1986

prenatal sonographic diagnosis of bladder extrophy, Mirk P; Calisti A; Fileni A, (J Ultrasound Med), 5: 291, 1986

prenatal ultrasonographic diagnosis of fetal renal tumors, Giulian BB, (Radiology), **152**: 69, 1984

prenatal ultrasound diagnosis of ambiguous genitalia, Cooper C; Mahony BS; Bowie JD; et al. (J Ultrasound Med), 4: 433, 1985

routine fetal genitourinary tract screening, Arger PH; Coleman BG; Mintz MC; Snyder HP; Camardese T; Arenson RL; Gabbe SG; Aquino L, (Radiology), **156**: 485, 1985.

sonographic detection of fetal hydrometrocolpos, Hill SJ; Hirsch JH, (J Ultrasound Med), 4: 323, 1985

sonographic detection of fetal ureteral obstruction, Montana MA; Cyr DR; Lenke RR; et al, (AJR), 145: 595, 1985

sonographic diagnosis of bilateral fetal renal duplication with ectopic ureteroceles, Schoenecker SA; Cyr DR; Mack LA; et al, (J Ultrasound Med), 4: 617, 1985

Ultrasound Medy 3. Ur. 7. Sonography of the fetal duplex kidney, Jeffrey RB Jr; Laing FC; Wing VW; Hoddick WK, (Radiology), 153: 123, 1984

sonography of the fetal genitourinary tract, Hadlock FP; Deter RL; Carpenter RJ, (Semin US CT MR), 5: 213, 1984 twelve cases of hydronephrosis in utero

diagnosed by ultrasonography, Sanders R; Graham D, (Radiology), **150**: 869, 1984 ultrasonographic antenatal demonstration of

ultrasonographic antenatal demonstration of primary megaureters, Dunn V; Glasier CM, (J Ultrasound Med), 4: 101, 1985

ultrasonographic evaluation of fetal paranephric pseudocysts, Callen PW; Bolding DB; Filly RA; et al, (Radiology), 151: 834, 1984

ultrasound experience with prenatal genitourinary abnormalities, Bruno AN; Lavin JP; Nasrallah PF, (Radiology), **158**: 287, 1986

urtetropelvic junction stenosis: antenatal ultrasonographic diagnosis, postnatal investigation, and follow-up. Grignon A; Filiatrault D; Homsy Y; Robitaille P; Filion R; Boutin H; Leblond R, (Radiology), 160: 649, 1986

urinary tract dilatation in utero: classification and clinical applications, Grignon A; Filion R; Filiatrault D; Robitaille P; Homsy Y; Boutin H; Leblond R, (Radiology), 160: 645, 1986

visualization of the fetal genitalia by ultrasonography: review of the literature and analysis of its accuracy and ethical implications, Elejalde BR; de Elejalde MM; Heitman T, (J Ultrasound Med), 4: 633, 1985

## Fetus, growth and development

accuracy of conceptual age estimation from fetal crown-rump length, Selbing A; Fjallbrant B, (Radiology), 155: 862, 1985

biometry of the large fetal bones of the extremities in the third trimester, Merg E; Pehl S; Goldhofer W; et al, (Radiology), 155: 285, 1985

biparietal diameter in premature rupture of membranes: errors in estimating gestational age, Wolfson RN; Zador IE; Halvorsen P; et al, (Radiology), 152: 267, 1924 bowel migration in the normal fetus: US detection, Cyr DR; Mack LA; Schoenecker SA; Patten RM; Shepard TH; Shuman WP; Moss AA, (Radiology), 161: 119, 1986.

clavicular measurement: new biometric parameter for fetal evaluation, Yarkoni S; Schmidt W; Jeanty P; et al, (J Ultrasound Med), 4: 467, 1985

comparative analysis of ultrasonographic methods of gestational age assessment, Smazal SF Jr; Weisman LE; Hopper KD; et al, (Radiology), **151**: 560, 1984

comparison of biparietal diameter and femur length in the third trimester: effects of gestational age and variation in fetal growth, Wolfson RN; Peisner DB; Chik LL; et al, (J Ultrasound Med), 5: 145,

comparison of sector and linear array scanners for the measurement of the fetal femur, Jeanty P, Beck GJ; Chervenak FA; et al, (J Ultrasound Med), 4: 525, 1985

comparison of sector and linear array scanners for the measurements of the fetal femur, Jeanty P; Beck GJ; Chervenak FA; et al, (Radiology), 158: 863, 1986

computer assisted analysis of fetal age in the third trimester using multiple fetal growth parameters, Hadlock FP; Deter RL; Harrist RB; et al, (Radiology), 151: 834, 1984

computer-assisted evaluation of ultrasonic fetal weight prediction using multiple regression equations with and without the fetal femur length, Woo JSK; Wan CW; Cho KM, (J Ultrasound Med), 4: 65, 1985

correlation of ultrasonic images of fetal intestine with gestational age and fetal maturity, Zilianti M; Fernandez S, (Radiology), 152: 866, 1984

cortical sulcal development seen on sonography: relationship to gestational parameters, Worthen NJ; Gilbertson V; Lau C, (J Ultrasound Med), 5: 153, 1986

crown-rump length and serum human chorionic gonadotropin as predictors of gestational age, Chervenak FA; Brightman RC; Thornton J; et al. (Radiology), 160: 862, 1986

curvature of the fetal femur: normal sonographic finding, Abrams SL; Filly RA, (Radiology), **156**: 490, 1985

detection of fetal growth disorders, Romero R; Jeanty P, (Semin US CT MR), 5: 130, 1984

development of human fetal hearing, Birnholz JC; Benacerraf BR, (Radiology), 152: 268, 1984

distal femoral epiphyseal ossification center in the assessment of third-trimester menstrual age: sonographic identification and measurement, Mahonif (Scallen PW; Filly RA, (Radiology), 155: 201, 1985

early antenatal sonographic recognition of thanatophoric dysplasia with cloverleaf skull deformity, Burrows PE; Stannard MW; Pearrow J; et al, (AJR), 143: 841, 1984

echogenicity of fetal lung: relation to fetal age and maturity, Fried AM; Loh FK; Umer MA; et al, (AJR), 145: 591, 1985

echographic images of the fetal intestines during pregnancy: continual sonographic observations, Bonilla-Musoles F; Gil MP; Ramirez JV; et al, (Radiology), 151: 275, 1984

effect of ventricular dilatation upon biometry of the fetal head, Callen PW; Chooljian D, (J Ultrasound Med), 5: 17, 1986

epiphyseal ossification centers in the assessment of fetal maturity: sonographic correlation with the amniocentesis lung profile, Mahony BS; Bowie JD; Killam AP; Kay HH; Cooper C, (Radiology), 159: 521, 1986

estimating fetal age: computer-assisted analysis of multiple fetal growth parameters, Hadlock FP; Deter RL; Harrist RB; Park SK, (Radiology), **152**: 497, 1984

estimating fetal weights less than 2000 g: an accurate and simple method, Weinberger E; Cyr DR; Hirsch JH; et al, (AJR), 142: 973, 1984

## Fetus, growth and development

estimation of fetal weight by ultrasound, Jordaan HVF, (Radiology), 151: 275, 1984 estimation of gestational age from measurements of fetal long bones, Jeanty P; Rodesch F; Delebeke D; et al, (Radiology), 153: 860, 1984

estimation of the gestational age, Jeanty P; Romero R, (Semin US CT MR), 5: 121, 1984 estimation of volume and weight of the

stimation of Volume and weight of the perinate: relationship to morphometric measurement by ultrasonography, Thompson TR; Manning FA, (Radiology), 150: 868, 1984

evaluation of fetal thigh circumference measurements: comparative ultrasound and anatomical study, Warda A; Deter RL; Duncan G; et al. (JCU), 14: 99, 1986

evaluation of fetal weight prediction using a simple equation containing the fetal femur length, Woo JSK; Wan MCW, (J Ultrasound Med.), 5: 453, 1986

or evaluation of the dating of gestation via the growth adjusted sonographic age method, Simon NV; Levisky JS; Siegel JC; et al, (Radiology), 154: 569, 1985

evaluation of three methods for estimating fetal weight, Hill LM; Breckle R; Wolfgram KR; et al, (JCU), 14: 171, 1986

evaluation of two methods for measuring fetal head and body circumferences, Hadlock FP; Kent WR; Loyd JL; et al, (Radiology), 150:

evaluation of ultrasonic obstetrical parameters by hand-held calculator, Boucher M; DeVore GR; Platt LD, (J Ultrasound Med), 4:

failure of furosemide to induce diuresis in a growth-retarded fetus, Rosenberg ER; Bowie JD, (AJR), **142**: 485, 1984

fetal age estimation by ultrasound: the impact of measurement errors, Pretorius DH; Nelson TR; Johnson ML, (Radiology), **152**: 763, 1984

fetal biophysical assessment: an ultrasound approach, Lange IR; Manning FA, (Semin US CT MR), 5: 269, 1984

fetal biparietal diameter and placental grade: predictors of intrauterine growth retardation, Kazzi GM; Gross TL; Sokol RJ, (Radiology), 152: 866, 1984

fetal echocardiography—the challenge of the 1980s, DeVore GR, (Semin US CT MR), 5: 229, 1984

fetal femur length/abdominal circumference ratio in preterm labor patients with and without successful tocolytic therapy, Westgren M; Beall M; Divon M; et al, (J Ultrasound Med), 5: 243, 1986

fetal lateral ventricular ratio determination during the second trimester, Pretorius DH; Drose JA; Manco-Johnson ML, (J Ultrasound Med), 5: 121, 1986

fetal limbs: normal anatomy and congenital malformations, Jeanty P; Romero R, (Semin US CT MR), 5: 253, 1984

fetal limb volume: new parameter to assess fetal growth and nutrition, Jeanty P; Romero R; Hobbins JC, (J Ultrasound Med), 4: 273, 1985

fetal lumbar spine: measuring axial growth with US, Birnholz JC, (Radiology), 158: 805,

1986
fetal lung development: compressibilty as a measure of maturity, Birnholz JC; Farrell EE, (Radiology), 157: 495, 1985
fetal ossification centers as predictors of gestational age in normal and abnormal pregnancies, Gentili P; Trasimeni A;
Gioriandino C, (Radiology), 154: 569, 1985
fetal thick circumferance critical valuation

fetal thigh circumference: critical evaluation of its relationship to menstrual age, Deter RL; Warda A; Rossavik IK; et al, (JCU), 14: 105, 1986

fetal weight estimates in late pregnancy with emphasis on macrosomia, Miller JM Jr; Korndorffer FA III; Gabert HA, (JCU), **14**: 437, 1986

fractional spine length: new parameter for assessing fetal growth, Li DFH; Woo JSK, (J Ultrasound Med), 5: 379, 1986

head circumference as an index of fetal age, Law RG; MacRae KD, (Radiology), **150**: 300, 1984

high-resolution sonographic assessment of the fetal extremities, Mahony BS; Filly RA, (J Ultrasound Med), 3: 489, 1984

improved prediction of gestational age from fetal head measurements, Doubilet PM; Greenes RA, (AJR), 142: 797, 1984

intradecidual sign: US criterion of early intrauterine pregnancy, Yeh H-C; Goodman JD; Carr L; Rabinowitz JG, (Radiology), 161: 463, 1986

intrauterine growth retardation: evaluation by magnetic resonance, work in progress, Stark DD; McCarthy SM; Filly RA; Callen PW; Hricak H; Parer JT, (Radiology), 155: 425, 1985

intrauterine growth retardation: predictive value of US criteria for antenatal diagnosis, Benson CB; Doubilet PM; Saltzman DH, (Radiology), 160: 415, 1986

invasive techniques for antenatal diagnosis: chorionic villus biopsy, fetoscopy, and amniocentesis, Romero R; Jeanty P; Hobbins JC, (Semin US CT MR), 5: 298, 1984

is fetal femur length a better indicator of gestational age in the growth-retarded fetus as compared with biparietal diameter?, Woo JSK; Wan CW; Fang A; et al. (J Ultrasound Med), 4: 139, 1985

longitudinal studies of fetal growth using volume parameters determined with ultrasound, Deter RL; Harrist RB; Hadlock FP; et al, (Radiology), 155: 862, 1985

nonimaging methods for assessing fetal well-being, Schwartz DB, (Semin US CT MR), 5: 278, 1984

placenta as an indicator of fetal maturity: fact and fancy, Spirt BA; Gordon LP, (Semin US CT MR), 5: 290, 1984

prediction of fetal lung maturity: inaccuracy of study using conventional ultrasound instruments, Cayea PD; Grant DC; Doubilet PM; Jones TB, (Radiology), 155: 473, 1985

prenatal examination of the fetal cranium, spine, and central nervous system, Pasto ME; Kurtz AB, (Semin US CT MR), 5:

prenatal sonographic diagnosis of Jeune syndrome, Schinzel A; Savoldelli G; Briner J; Schubiger G, (Radiology), **154**: 777,

proposal for referral patterns for fetal cardiac studies, Reed KL; Sahn DJ, (Semin US CT MR), 5: 249, 1984

prospective evaluation of fetal femur length as a predictor of gestational age, Hadlock FP; Harrist RB; Deter RL; et al, (Radiology), **150**: 869, 1984

quantitative characterization of the growth of the fetal kidney, Bertagnoi L; Lalatta F; Gallicchio R; et al, (Radiology), **152:** 268,

random measurement of the transverse diameter of the fetal heart: potential source of error, DeVore GR; Platt LD, (J Ultrasound Med), 4: 335, 1985

relationship between grade III placentas and biparietal diameter determinations, Ashton SS; Russo MP; Simon NV; et al, (Radiology), **151**: 275, 1984

relationship of fetal transverse body diameter and biparietal diameter in the diagnosis of intrauterine growth retardation, Gross BH; Callen PW; Filly RA, (Radiology), 150: 869,

routine fetal genitourinary tract screening, Arger PH; Coleman BG; Mintz MC; Snyder HP; Camardese T; Arenson RL; Gabbe SG; Aquino L, (Radiology), **156**: 485,

routine obstetric ultrasound: effectiveness of cross-sectional screening for fetal growth retardation, Ferrazzi E; Nicolini U; Kustermann A; et al, (JCU), 14: 17, 1986

sonographic diagnosis of hydramnios and oligohydramnios, Moore PT; Mencini RA; Spitz HB, (Semin US CT MR), 5: 157, 1984

sonographic estimation of fetal weight: the value of femur length in addition to head and abdomen measurements, Hadlock FP Harrist RB; Carpenter RJ; Deter RL; Park SK, (Radiology), 150: 535, 1984

sonographic evaluation of multiple pregnancy, Crane JP, (Semin US CT MR), 5: 144, 1984

sonographic measurements of the fetal spleen: clinical implications, Schmidt W; Yarkoni S; Jeanty P; et al, (J Ultrasound Med), 4: 667,

sonography of the fetal gastrointestinal system, Mukuno DH; Lee TG; Harnsberger HR; et al, (Semin US CT MR), 5: 194, 1984

sonography of the fetal genitourinary tract, Hadlock FP; Deter RL; Carpenter RJ, (Semin US CT MR), 5: 213, 1984

os Cf MK), 5: 213, 1964 specific skeletal dysplasias in utero: sonographic diagnosis, Pretorius DH; Rumack CM; Manco-Johnson ML; Manchester D: Meier P; Bramble J; Clewell W, (Radiology), **159**: 237, 1986

tolerance intervals for standards in ultrasound measurements: determination of BPD standards, Wexler S; Fuchs C; Golan A; et al, (JCU), 14: 243, 1986

twin and singleton growth patterns compared using US, Grumbach K; Coleman BG; Arger PH; Mintz MC; Gabbe SV; Mennuti MT, (Radiology), 158: 237, 1986

ultrasonic assessment of fetal growth in the nonhuman primate (macaca mulatta), Nyland TC; Hill DE; Hendrickx AG; et al, (Radiology), 156: 283, 1985

ultrasonic tissue characterization of fetal lung, liver, and placenta for the purpose of assessing fetal maturity, Benson DM; Waldroup LD; Kurtz AB; et al. (Radiology), 152: 866, 1984

ultrasonography of the fetal cerebellum, McLeary RD; Kuhns LR; Barr M Jr, (Radiology), **151**: **439**, 1984

ultrasound femur length as a predictor of fetal length, Vintzileos AM; Campbell WA; Neckles S; et al, (Radiology), **156**: 283, 1985

ultrasound fetal thigh—calf circumferences and gestational age-independent fetal ratios in normal pregnancy, Vintzileos AM; Neckles S; Campbell WA; et al. (J Ultrasound Med), 4: 287, 1985

ultrasound measurement of the fetal cerebral Jorgensen C; Ingemarsson I; Svalenius E; et al. (JCU), 14: 185, 1986

ultrasound prediction of fetal lung maturity, Hadlock FP; Irwin JF; Roecker E; Shah YP; Deter RL; Rossavik IK, (Radiology), 155: 469,

underestimation of fetal weight in premature rupture of membranes, Divon MY; Chamberlain PF; Sipos L; et al, (J Ultrasound Med), 3: 529, 1984

use of femur length/abdominal circumference ratio in detecting the macrosomic fetus, Hadlock FP; Harrist RB; Fearneyhough TC; Deter RL; Park SK; Rossavik IK, (Radiology),

use of the femur length to estimate fetal weight in premature infants: preliminary results, Campbell WA; Vintzileos AM; Neckles S; et al, (J Ultrasound Med), 4: 583,

use of ultrasonic fetal head circumference for predicting expected date of confinement, Ott WJ, (Radiology), **156**: 283, 1985

Fetus, MR studies

demonstration of the fetal cardiovascular system by MR imaging, McCarthy SM; Stark DD; Higgins CB, (JCAT), 8: 1168, 1984

human fetal anatomy: MR imaging, Weinreb JC; Lowe TW; Cohen JM; Kutler M, (Radiology), **157**: 715, 1985 intrauterine growth retardation: evaluation by magnetic resonance. work in progress, Stark DD; McCarthy SM; Filly RA; Callen PW; Hricak H; Parer JT, (Radiology), 155: 425, 1985

magnetic resonance imaging in obstetric diagnosis, Weinreb JC; Lowe TW; Santos-Ramos R; Cunningham FG; Parkey R, (Radiology), **154**: 157, 1985

magnetic resonance imaging of fetal anomalies in utero: early experience, McCarthy SM; Filly RA; Stark DD; et al, (AJR), 145: 677, 1985

MR imaging of cerebral abnormalities in utero, Thickman D; Mintz M; Mennuti M; et al, (JCAT), 8: 1058, 1984

obstetrical magnetic resonance imaging: fetal anatomy, McCarthy SM; Filly RA; Stark DD; Hricak H; Brant-Zawadzki M; Callen PW; Higgins CB, (Radiology), 154: 427, 1985

Fetus, neoplasms

antenatal diagnosis of pulmonary tumours: report of two cases, Avni EF; Vanderelst A; Van Gansbeke D; et al, (Pediatr Radiol), **16**: 190, 1986

antenatal ultrasound diagnosis of an intracranial neoplasm (craniopharyngioma), Snyder JR; Lustig-Gillman I; Milio L; et al, (JCU), 14: 304, 1986

- fetal intracranial teratoma: US diagnosis of three cases and a review of the literature, Lipman SP; Pretorius DH; Rumack CM; Manco-Johnson ML, (Radiology), 157: 491, 1985
- prenatal diagnosis of multiple cardiac tumors presenting as an arrhythmia, Hoadley SD; Wallace RL; Miller JF; et al, (JCU), 14: 639, 1986
- prenatal ultrasonographic diagnosis of a sacrococygeal teratoma in twin pregnancy, Sherowsky RC; Williams CH; Nichols VB; et al, (J Ultrasound Med), 4: 159, 1985
- prenatal ultrasonographic diagnosis of fetal adrenal neuroblastoma, Giulian BB; Chang CCN; Yoss BS, (JCU), 14: 225, 1986
- sonographic diagnosis of fetal cardiac rhabdomyoma, Schaffer RM; Cabbad M; Minkoff H; et al, (J Ultrasound Med), 5: 531, 1986
- thoracic neuroblastoma: antenatal demonstration in a case with unusual postnatal radiographic findings, de Filippi G; Canestri G; Bosio U; et al, (Br J Radiol), 59: 704, 1986

#### Fetus, radiography

prenatal x-ray exposure and childhood cancer in twins, Harvey EB; Boice JD Jr; Honeyman M; et al, (Radiology), **156**: 860, 1985

#### Fetus, respiratory system

- antenatal ultrasound diagnosis of cystic adenomatoid malformation of the lung, Fitzgerald EJ; Toi A, (J Canad Assoc Radiol), 37: 48, 1986
- echogenicity of fetal lung: relation to fetal age and maturity, Fried AM; Loh FK; Umer MA; et al, (AJR), 145: 591, 1985
- omer MA; et al. (AJR), 145: 591, 1985 epiphyseal ossification centers in the assessment of fetal maturity: sonographic correlation with the amniocentesis lung profile, Mahony BS; Bowie JD; Killam AP; Kay HH; Cooper C, (Radiology), 159: 521, 1986
- prediction of fetal lung maturity: inaccuracy of study using conventional ultrasound instruments, Cayea PD; Grant DC; Doubilet PM; Jones TB, (Radiology), 155: 473, 1982
- sonographic detection of fetal extrathoracic pulmonary sequestration, Mariona F; McAlpin G; Zador I; et al, (J Ultrasound Med), 5: 283, 1986
- ultrasound prediction of fetal lung maturity, Hadlock FP; Irwin JF; Roecker E; Shah YP; Deter RL; Rossavik IK, (Radiology), 155: 469, 1985

#### Fetus, skeletal system

- artifacts seen during CT pelvimetry: implications for digital systems with scanning beams, Brody AS; Saks BJ; Field DR; Skinner SR; Capra RE, (Radiology), 160: 269, 1986
- biometry of the large fetal bones of the extremities in the third trimester, Merg E; Pehl S; Goldhofer W; et al, (Radiology), 155: 285, 1985
- congenital short femur: prenatal sonographic diagnosis, Graham M, (J Ultrasound Med), 4: 361, 1985
- curvature of the fetal femur: normal sonographic finding, Abrams SL; Filly RA, (Radiology), **156**: 490, 1985
- distal femoral epiphyseal ossification center in the assessment of third-trimester menstrual age: sonographic identification and measurement, Mahony BS; Callen PW; Filly RA, (Radiology), 155: 201, 1985
- epiphyseal ossification centers in the assessment of fetal maturity: sonographic correlation with the amniocentesis lung profile, Mahony BS; Bowie JD; Killam AP; Kay HH; Cooper C, (Radiology), 159: 521, 1986
- fetal limbs: normal anatomy and congenital malformations, Jeanty P; Romero R, (Semin US CT MR), 5: 253, 1984
- fetal lumbar spine: measuring axial growth with US, Birnholz JC, (Radiology), **158**: 805, 1986
- in utero sonographic detection of hand and foot deformities, Jeanty P; Romero R; d'Alton M; et al, (J Ultrasound Med), 4: 595, 1985
- ultrasonic diagnosis of second-trimester skeletal dysplasias: a prospective analysis in a high-risk population, Kurtz AB; Wapner RJ, (Radiology), 150: 869, 1984

#### Fetus, US studies

- See also Pregnancy, US studies
- abnormal facial features and extremities in human trisomy syndromes: prenatal US appearance, Benacerraf BR; Frigoletto FD Jr; Greene MF, (Radiology), **159**: 243, 1986
- accuracy of conceptual age estimation from fetal crown-rump length, Selbing A; Fjallbrant B, (Radiology), 155: 862, 1985
- agenesis of the corpus callosum in the fetus: its evolution and significance, Comstock CH; Culp D; Gonzalez J; et al., (J Ultrasound Med), 4: 613, 1985
- algorithm for prenatal ultrasound diagnosis of congenital CNS abnormalities, Carrasco CR; Stierman ED; Harnsberger HR; et al, (J Ultrasound Med), 4: 163, 1985
- algorithmic approach to accurate ultrasonic fetal weight estimation, Birnholz JC, (Invest Radiol), 21: 571, 1986
- alobar holoprosencephaly: ultrasonographic prenatal diagnosis, Filly RA; Chinn DH; Callen PW, (Radiology), **151:** 455, 1984
- amnionicity and chorionicity in twin pregnancies: prediction using ultrasound, Mahony BS; Filly RA; Callen PW, (Radiology), 155: 205, 1985
- anencephaly with encephalocele in craniopagus twins: prenatal diagnosis by ultrasonography and computed tomography, Abrams St.; Callen PW; Anderson RL; et al. (J Ultrasound Med), 4: 485, 1985
- antenatal detection of Down syndrome by sonography, Balcar I; Grant DC; Miller WA; et al, (AJR), 143: 29, 1984
- antenatal detection of esophageal arresia with distal tracheoesophageal fistula, Rahmani MR; Zalev AH, (JCU), 14: 143, 1986 antenatal detection of hepatic cyst, Chung W-M, (JCU), 14: 217, 1986
- antenatal diagnosis of diaphragmatic anomalies, Comstock CH, (J Ultrasound Med), 5: 391, 1986
- antenatal diagnosis of frontal cephalocele in a fetus with atelosteogenesis, Chervenak FA; Isaacson G; Rosenberg JC; et al. (J Ultrasound Med), 5: 111, 1986
- antenatal diagnosis of pulmonary tumours: report of two cases, Avni EF; Vanderelst A; Van Gansbeke D; et al, (Pediatr Radiol), **16**: 190, 1986
- antenatal recognition of cerebral anomalies, Pilu G; Rizzo N; Orsini LF; et al, (Ultrasound Med Biol), 12: 319, 1986
- antenatal sonographic appearance of Beckwith-Wiedemann syndrome, Koontz WL; Shaw LA; Lavery JP, (JCU), 14: 57, 1984
- antenatal sonographic diagnosis of adrenal neuroblastoma, Fowlie F; Giacomantonio M; McKenzie E; et al, (J Canad Assoc Radiol), 37: 50, 1986
- antenatal sonographic diagnosis of clubfoot, Chervenak FA; Tortora M; Hobbins JC, (J Ultrasound Med), 4: 49, 1985
- antenatal sonographic diagnosis of complicated ovarian cysts, Preziosi P; Fariello G; Maiorana A; et al, (JCU), 14: 196, 1986
- antenatal sonographic findings in trisomy 18, Bundy AL; Saltzman DH; Pober B; et al, (J Ultrasound Med), 5: 361, 1986
- antenatal ultrasound diagnosis of an intracranial neoplasm (craniopharyngioma), Snyder JR; Lustig-Gillman I; Milio L; et al, (JCU), 14: 304, 1986
- antenatal ultrasound diagnosis of cystic adenomatoid malformation of the lung, Fitzgerald EJ; Toi A, (J Canad Assoc Radiol), 37: 48, 1986
- antenatal ultrasound findings in fetal triploidy syndrome, Crane JP; Beaver HA; Cheung SW, (J Ultrasound Med), 4: 519, 1985
- antenatal ultrasound findings in fetal triploidy syndrome, Crane JP; Beaver HA; Cheung SW, (Radiology), **158**: 862, 1986
- biparietal diameter in premature rupture of membranes: errors in estimating gestational age, Wolfson RN; Zador IE; Halvorsen P; et al, (Radiology), 152: 267, 1984
- bowel migration in the normal fetus: US detection, Cyr DR; Mack LA; Schoenecker SA; Patten RM; Shepard TH; Shuman WP; Moss AA, (Radiology), 161: 119, 1986

- case report 386, Cremin BJ; Ross JL, (Skeletal Radiol), 15: 495, 1986
- caveats in the sonographic determination of fetal femur length for estimation of gestational age, Krook PM; Wawrukiewicz AS; Hackethorn JC, (Radiology), **154**: 823, 1985
- changing sonographic appearance of fetal kidneys during pregnancy, Bowie JD; Rosenberg ER; Andreotti RF; et al, (Radiology), **152**: 866, 1984
- clavicular measurement: new biometric parameter for fetal evaluation, Yarkoni S; Schmidt W; Jeanty P; et al, (J Ultrasound Med), 4: 467, 1985
- clinical significance of increased echogenicity in the fetal abdomen, Lince DM; Pretorius DH; Manco-Johnson ML; et al, (AJR), 145: 683, 1985
- comparative analysis of ultrasonographic methods of gestational age assessment, Smazal SF Jr; Weisman LE; Hopper KD; et al, (Radiology), 151: 560, 1984
- comparison of sector and linear array scanners for the measurement of the fetal femur, Jeanty P; Beck GJ; Chervenak FA; et al, (J Ultrasound Med), 4: 525, 1985
- comparison of sector and linear array scanners for the measurements of the fetal femur, Jeanty P; Beck GJ; Chervenak FA; et al, (Radiology), **158**: 863, 1986
- computer assisted analysis of fetal age in the third trimester using multiple fetal growth parameters, Hadlock FP; Deter RL; Harrist RB; et al, (Radiology), 151: 834, 1984
- computer-assisted evaluation of ultrasonic fetal weight prediction using multiple regression equations with and without the fetal femu length, Woo JSK, Wan CW; Cho KM, (J Ultrasound Med), 4: 65, 1985
- congenital chloridorrhea: antenatal ultrasonographic appearance, Groli C; Zucca S; Cesaretti A, (JCU), 14: 293, 1986
- congenital vertebral malformations: prenatal diagnosis using ultrasonography, Abrams SL; Filly RA, (Radiology), 155: 762, 1985
- correlation of ultrasonic images of fetal intestine with gestational age and fetal maturity, Zilianti M; Fernandez S, (Radiology), **152**: 866, 1984
- cortical sulcal development seen on sonography: relationship to gestational parameters, Worthen NJ; Gilbertson V; Lau C, (J Ultrasound Med), 5: 153, 1986
- current status of fetal intervention for congenital hydronephosis, Kramer SA, (Radiology), 152: 564, 1984
- curvature of the fetal femur: normal sonographic finding, Abrams SL; Filly RA, (Radiology), **156**: 490, 1985
- detection of fetal cardiac activity between 41 and 43 days of gestation, Cadkin AV; McAlpin J, (J Ultrasound Med), 3: 499, 1984
- detection of fetal growth disorders, Romero R; Jeanty P, (Semin US CT MR), 5: 130, 1984
- determination of fetal sex, Birnholz JC, (Radiology), 152: 268, 1984
- development of human fetal hearing, Birnholz JC; Benacerraf BR, (Radiology), 152: 268, 1984
- diagnostic ultrasound imaging in pregnancy: report of the National Institutes of Health Consensus Development Conference 1984, Manco-Johnson ML, (Ultrasound Med Biol), 12: 710, 1986
- distal femoral epiphyseal ossification center in the assessment of third-trimester menstrual age: sonographic identification and measurement, Mahony BS; Callen PW; Filly RA, (Radiology), 155: 201, 1985
- early antenatal sonographic recognition of thanatophoric dysplasia with cloverleaf skull deformity, Burrows PE; Stannard MW; Pearrow J; et al. (AJR), 143: 841, 1984
- early prenatal diagnosis of cyclopia associated with holoprosencephaly, Toth Z; Csecsei K; Szeifert G; et al, (JCU), 14: 550, 1986
- early second-trimester sonographic diagnosis of thoracopagus twins, Blum E; Pearlman M; Graham D; et al, (JCU), 14: 207, 1986

- echogenicity of fetal lung: relation to fetal age and maturity, Fried AM; Loh FK; Umer MA; et al, (AJR), **145:** 591, 1985
- echographic images of the fetal intestines during pregnancy: continual sonographic observations, Bonilla-Musoles F; Gil MP; Ramirez JV; et al. (Radiology), 151: 275, 1984
- echoic pseudogestational sac of ectopic pregnancy simulating early intrauterine pregnancy, Schaffer RM; Stein K; Shih YH; et al. (Radiology), **151**: 834, 1984
- epidemiological study: safety of diagnostic ultrasound during pregnancy on fetus and child development, Mukubo M, (Ultrasound Med Biol), 12: 691, 1986
- epiphyseal ossification centers in the assessment of fetal maturity: sonographic correlation with the amniocentesis lung profile, Mahony BS; Bowie JD; Killam AP; Kay HH; Cooper C, (Radiology), 159: 521, 1986
- estimation of fetal weight by ultrasound, Jordaan HVF, (Radiology), **151:** 275, 1984
- estimation of the gestational age, Jeanty P; Romero R, (Semin US CT MR), 5: 121, 1984 estimation of volume and weight of the perinate: relationship to morphometric measurement by ultrasonoranby.
- perinate: relationship to morphometric measurement by ultrasonography, Thompson TR; Manning FA, (Radiology), 150: 868, 1984 evaluation of fetal thigh circumference
- measurements: comparative ultrasound and anatomical study, Warda A; Deter RL; Duncan G; et al. (JCU), 14: 99, 1986 evaluation of fetal weight prediction using a
- evaluation of fetal weight prediction using a simple equation containing the fetal femur length, Woo JSK; Wan MCW, (J Ultrasound Med), 5: 453, 1986
- evaluation of the dating of gestation via the growth adjusted sonographic age method, Simon NV; Levisky JS; Siegel JC; et al, (Radiology), **154**: 569, 1985
- evaluation of two methods for measuring fetal head and body circumferences, Hadlock FP; Kent WR; Loyd JL; et al, (Radiology), **150**: 868, 1984
- evaluation of ultrasonic obstetrical parameters by hand-held calculator, Boucher M; DeVore GR; Platt LD, (J Ultrasound Med), 4: 75, 1985
- exencephaly: sonographic findings and radiologic-pathologic correlation, Cox GG; Rosenthal SJ; Holsapple JW, (Radiology), 155: 755, 1985
- exposure of the human fetus to diagnostic ultrasound, Thompson HE, (Ultrasound Med Biol), **12:** 709, 1986
- fetal age estimation by ultrasound: the impact of measurement errors, Pretorius DH; Nelson TR; Johnson ML, (Radiology), **152**: 763, 1984
- fetal ascites. report of 6 cases, Shweni PM; Kambaran SR; Ramdial K, (Radiology), **156**: 283, 1985
- fetal biophysical assessment: an ultrasound approach, Lange IR; Manning FA, (Semin US CT MR), 5: 269, 1984
- fetal biparietal diameter and placental grade: predictors of intrauterine growth retardation, Kazzi GM; Gross TL; Sokol RJ, (Radiology), 152: 866, 1984
- fetal cisterna magna, Mahony BS; Callen PW; Filly RA; Hoddick WK, (Radiology), **153**: 773, 1984
- fetal cystic hygroma: cause and natural history, Chervenak FA; Isaacson G; Blakemore KJ; et al, (Radiology), **151**: 834, 1984
- fetal echocardiography—the challenge of the 1980s, DeVore GR, (Semin US CT MR), 5: 229, 1984
- fetal face: ultrasound examination, Benacerraf BR; Frigoletto FD Jr; Bieber FR, (Radiology), **153:** 495, 1984
- fetal hydronephrosis: problems in diagnosis and management, Diament MJ; Fine RN; Ehrlich R; et al, (Radiology), **152**: 268, 1984
- fetal intracranial teratoma: US diagnosis of three cases and a review of the literature, Lipman SP; Pretorius DH; Rumack CM; Manco-Johnson ML, (Radiology), 157: 491, 1985
- fetal lateral ventricular ratio determination during the second trimester, Pretorius DH; Drose JA; Manco-Johnson ML, (J Ultrasound Med), 5: 121, 1986

- fetal limbs: normal anatomy and congenital malformations, Jeanty P; Romero R, (Semin US CT MR), 5: 253, 1984
- fetal limb volume: new parameter to assess fetal growth and nutrition, Jeanty P; Romero R; Hobbins JC, (J Ultrasound Med), 4: 273, 1985
- fetal lumbar spine: measuring axial growth with US, Birnholz JC, (Radiology), 158: 805, 1986
- fetal lung development: compressibilty as a measure of maturity, Birnholz JC; Farrell EE, (Radiology), **157**: **49**5, 1985
- fetal neck hemangioendothelioma with secondary hydrops fetalis: sonographic diagnosis, McGahan JP; Schneider JM, (JCU), 14: 384, 1986
- fetal ossification centers as predictors of gestational age in normal and abnormal pregnancies, Gentili P; Trasimeni A; Gioriandino C, (Radiology), **154**: 569, 1985
- fetal pseudoascites: further anatomic observations, Hashimoto BE; Filly RA; Callen PW, (J Ultrasound Med), 5: 151, 1986
- fetal renal cystic disease: sonographicpathologic correlation, Fong KW; Rahmani MR; Rose TH; et al, (AJR), **146**: 767, 1986
- fetal renal dysplasia: sonographic evaluation, Mahony BS; Filly RA; Callen PW; Hricak H; Golbus MS; Harrison MR, (Radiology), **152**: 143. 1984
- fetal sex determination by ultrasound scan in the second and third trimesters, Plattner G; Renner W; Went J; et al, (Radiology), **150**: 615, 1984
- fetal small bowel simulating an abdominal mass at sonography, Manco LG; Nunan FA Jr; Sohnen H; et al, (JCU), 14: 404, 1986
- fetal subarachnoid cisterns: ultrasound study with report of a case of congenital communicating hydrocephalus, Pilu G; De Palma L; Romero R; et al, (J Ultrasound Med), 5: 365, 1986
- fetal thigh circumference: critical evaluation of its relationship to menstrual age, Deter RL; Warda A; Rossavik IK; et al, (JCU), 14: 105, 1986
- fetal urethral obstruction: US evaluation, Mahony BS; Callen PW; Filly RA, (Radiology), 157: 221, 1985
- fetal weight estimates in late pregnancy with emphasis on macrosomia, Miller JM Jr; Korndorffer FA III; Gabert HA, (JCU), 14: 437, 1986
- fibroadhesive meconium peritonitis: in utero sonographic diagnosis, Nancarrow PA; Mattrey RF; Edwards DK; et al, (J Ultrasound Med), 4: 213, 1985
- fractional spine length: new parameter for assessing fetal growth, Li DFH; Woo JSK, (J Ultrasound Med), 5: 379, 1986
- genetics of sonographically detected intrauterine fetal cystic hygromas, Newman DE; Cooperberg PL, (Radiology), 153: 860. 1984
- hemangioma presenting as a cystic mass in the fetal neck, Grundy H; Glasmann A; Burlbaw J; et al, (J Ultrasound Med), 4: 147, 1985
- high-resolution real-time sonography of fetal cardiovascular anatomy, Jeffrey RB Jr; Laing FC, (Radiology), **150**: 300, 1984
- high-resolution sonographic assessment of the fetal extremities, Mahony BS; Filly RA, (J Ultrasound Med), 3: 489, 1984
- human epidemiological studies, Lyons EA, (Ultrasound Med Biol), 12: 689, 1986
- hydranencephaly: US appearance during in utero evolution, Greene MF; Benacerraf BR; Crawford JM, (Radiology), 156: 779, 1985
- hydrothorax, ascites, and right diaphragmatic hernia, Gilsanz V; Emons D; Hansmann M; Meradji M; Donaldson JS; Omenaca F; Quero J; Tucker BL, (Radiology), 158: 243, 1986
- impact of fetal echocardiography on perinatal outcome, Copel JA; Kleinman CS, (Ultrasound Med Biol), 12: 327, 1986
- increased echogenicity in the lower fetal abdomen: common normal variant in the second trimester, Fakhry J; Reiser M; Shapiro LR; et al, (J Ultrasound Med), 5: 489, 1986

- intrauterine growth retardation: predictive value of US criteria for antenatal diagnosis, Benson CB; Doubilet PM; Saltzman DH, (Radiology), 160: 415, 1986
- (Nationgy), 100: 413, 130 and analysis of heterozygous achondroplasia: variable time of onset as detected by femur length measurements, Kurtz AB, Filly RA, Wapner RJ; et al, (J Ultrasound Med), 5: 137, 1986
- in utero diagnosis of crossed renal ectopia using high-resolution real-time ultrasound, Greenblatt AM; Beretsky I; Lankin DH; et al, (J Ultrasound Med), 4: 105, 1985
- in utero sonographic detection of hand and foot deformities, Jeanty P; Romero R; d'Alton M; et al, (J Ultrasound Med), 4: 595, 1985
- lack of discernible effect of diagnostic ultrasound on the chromosomes of cord blood lymphocytes exposed *in utero*, Henderson LM; Aghamohammadi SZ; Arlett CF; et al, (Br J Radiol), **59**: 499, 1986
- large umbilical cord: normal finding in some fetuses, Casola G; Scheible W; Leopold GR, (Radiology), **156**: 181, 1985
- limb-body wall complex: in utero sonographic diagnosis of a complicated fetal malformation, Patten RM; Van Allen M; Mack LA; et al, (AJR), 146: 1019, 1986
- longitudinal studies of fetal growth using volume parameters determined with ultrasound, Deter RL; Harrist RB; Hadlock FP; et al, (Radiology), 155: 862, 1985
- management of fetal urinary tract anomalies detected by prenatal ultrasonography, Turnock RR; Shawis R, (Radiology), 155: 856, 1985
- measurement accuracy of sonographic sector scanners, Winter J; Kimme-Smith C; King W III, (AJR), 144: 645, 1985
- minimal fetal renal pyelectasis, Hoddick WK; Filly RA; Mahony BS; et al, (J Ultrasound Med), 4: 85, 1985
- multicystic dysplastic kidney in utero: changing appearance on US, Hashimoto BE; Filly RA; Callen PW, (Radiology), **159**: 107, 1986
- multicystic dysplastic kidney: observations of contralateral disease in the fetal population, Kleiner B; Filly RA; Mack LA; Callen PW, (Radiology), 161: 27, 1986
- nonimaging methods for assessing fetal wellbeing, Schwartz DB, (Semin US CT MR), 5: 278, 1984
- placenta as an indicator of fetal maturity: fact and fancy, Spirt BA; Gordon LP, (Semin US CT MR), 5: 290, 1984
- postpartum evaluation of fetal hydronephrosis: optimal timing for followup sonography, Laing FC; Burke VD; Wing VW; Jeffrey RB Jr; Hashimoto B, (Radiology), 152: 423, 1984
- potential pitfall in the ultrasonographic diagnosis of fetal encephalocele, Fink IJ; Chinn DH; Callen PW, (Radiology), 151: 834, 1984
- prediction of fetal lung maturity: inaccuracy of study using conventional ultrasound instruments, Cayea PD; Grant DC; Doubilet PM; Jones TB, (Radiology), 155: 473, 1985
- prediction of fetal lung maturity with ultrasound, Carson PL; Meyer CR; Bowerman RA, (Radiology), **155**: 533, 1985
- prenatal and immediate postnatal ultrasonographic diagnosis of ureterocele, Fitzsimons PJ; Frost RA; Millward SF; et al, (J Canad Assoc Radiol), 37: 189, 1986
- prenatal diagnosis of a human pseudoacardiac anomaly, Gewolb IH; Freedman RM; Kleinman CS; et al, (Radiology), **150**: 868, 1984
- prenatal diagnosis of cardiovascular malformations in the fetus with situs inversus viscerum during the second trimester of pregnancy, De Vore CR; Sarti DA; Siassi B; et al, (JCU), 14: 454, 1986
- prenatal diagnosis of dwarfism by ultrasound screening, Weldner B-M; Persson P-H; Ivarsson SA, (Radiology), **160**: 288, 1986
- prenatal examination of the fetal cranium, spine, and central nervous system, Pasto ME; Kurtz AB, (Semin US CT MR), 5: 170, 1984
- prenatal sonographic appearance of meconium ileus in twins, Denholm TA; Crow HC; Edwards WH; et al, (AJR), 143: 371, 1984

- prenatal sonographic diagnosis of a fetal facial hemangioma, Pennell RG; Baltarowich OH, (J Ultrasound Med), 5: 525, 1986
- prenatal sonographic diagnosis of Jeune syndrome, Schinzel A; Savoldelli G; Briner J; Schubiger G, (Radiology), **154**: 777, 1985
- prenatal sonographic diagnosis of suprasellar arachnoid cyst, Diakoumakis EE; Weinberg B; Mollin J, (J Ultrasound Med), 5: 529, 1986
- prenatal sonographic visualization of the inner ear, Isaacson G; Mintz MC, (J Ultrasound Med), 5: 409, 1986
- prenatal ultrasonographic diagnosis of cardiomegaly due to tricuspid incompetence, Brown J; Gunn TR; Mora JD; et al, (Pediatr Radiol), **16**: 440, 1986
- prenatal ultrasonographic diagnosis of fetal adrenal neuroblastoma, Giulian BB; Chang CCN; Yoss BS, (JCU), 14: 225, 1986
- prenatal ultrasonographic diagnosis of fetal renal tumors, Giulian BB, (Radiology), **152**: 69, 1984
- prenatal ultrasound diagnosis of choledochal cyst, Elrad H; Mayden KL; Ahart S; et al, (J Ultrasound Med), 4: 553, 1985
- prenatal ultrasound diagnosis of clubfoot, Benacerraf BR; Frigoletto FD Jr, (Radiology), 155: 211, 1985
- proposal for referral patterns for fetal cardiac studies, Reed KL; Sahn DJ, (Semin US CT MR), 5: 249, 1984
- prospective evaluation of fetal femur length as a predictor of gestational age, Hadlock FP; Harrist RB; Deter RL; et al, (Radiology), **150**: 869, 1984
- pseudoepidural reverberation artifact: common ultrasound artifact in fetal cranium, Stanley JH; Harrell B; Horger EO III, (JCU), 14: 251, 1986
- pseudoomphalocele: pitfall in fetal sonography, Salzman L; Kuligowska E; Semine A, (AJR), 146: 1283, 1986
- quantitative characterization of the growth of the fetal kidney, Bertagnoi L; Lalatta F; Gallicchio R; et al, (Radiology), 152: 268, 1984
- real-time ultrasonographic evaluation of normal fetal adrenal glands, Lewis E; Kurtz AB; Dubbins PA; et al, (Radiology), 150: 300, 1984
- relationship of fetal hydronephrosis to spinal dysraphism, Lirette M; Filly RA, (Radiology), 152: 866, 1984
- relationship of fetal transverse body diameter and biparietal diameter in the diagnosis of intrauterine growth retardation, Gross BH; Callen PW; Filly RA, (Radiology), 150: 869, 1984
- renal masses in the fetus and neonate: ultrasonographic diagnosis, Barth RA; Mindell HJ, (Semin US CT MR), 5: 3, 1984
- role of ultrasound in obstetric management, Goldkrand JW; Benjamin DS; Cantor DM, (JCU), 14: 589, 1986
- routine fetal genitourinary tract screening, Arger PH; Coleman BG; Mintz MC; Snyder HP; Camardese T; Arenson RL; Gabbe SG; Aquino L, (Radiology), **156**: 485,
- safety of ultrasound with selective emphasis for obstetrics, O'Brien WD Jr, (Semin US CT MR), 5: 105, 1984
- schizencephaly: diagnosis and progresson in utero, Klingensmith WC III; Cioffi-Ragan DT, (Radiology), **159**: 617, 1986
- scrotal masses caused by meconium peritonitis: prenatal sonographic diagnosis, Kenney PJ; Spirt BA; Ellis DA; Patil U, (Radiology), **154**: 362, 1985
- serial echo-Doppler measurements of human fetal abdominal aortic blood flow, Eldridge MW; Berman W Jr; Greene ER, (J Ultrasound Med), 4: 453, 1985
- severe nonimmune hydrops fetalis: sonographic evaluation, Mahony BS; Filly RA; Callen PW; Chinn DH; Golbus MS, (Radiology), 151: 757, 1984
- sonographic detection of fetal intraperitoneal fluid, Hashimoto BE; Filly RA; Callen PW, (J Ultrasound Med), 5: 203, 1986
- sonographic detection of fetal ureteral obstruction, Montana MA; Cyr DR; Lenke RR; et al, (AJR), 145: 595, 1985

- sonographic diagnosis of bilateral fetal renal duplication with ectopic ureteroceles, Schoenecker SA; Cyr DR; Mack LA; et al, (J Ultrasound Med), 4: 617, 1985
- sonographic diagnosis of clubfoot in utero, Hashimoto BE; Filly RA; Callen PW, (J Ultrasound Med), 5: 81, 1986
- sonographic diagnosis of fetal cardiac rhabdomyoma, Schaffer RM; Cabbad M; Minkoff H; et al, (J Ultrasound Med), 5: 531, 1986
- sonographic diagnosis of hydramnios and oligohydramnios, Moore PT; Mencini RA; Spitz HB, (Semin US CT MR), 5: 157, 1984
- sonographic diagnosis of lethal osteogenesis imperfecta in the second trimester: case report and review, Merz E; Goldhofer W, (JCU), 14: 380, 1986
- sonographic estimation of fetal weight: the value of femur length in addition to head and abdomen measurements, Hadlock FP; Harrist RB; Carpenter RJ; Deter RL; Park SK, (Radiology), **150**: 535, 1984
- sonographic evaluation of fetal anomalies in oligohydramnios between 16 and 30 weeks gestation, Sivit CJ; Hill MC; Larsen JW; et al, (AJR), 146: 1277, 1986
- sonographic evaluation of multiple pregnancy, Crane JP, (Semin US CT MR), 5: 144, 1984
- sonographic evaluation of the distal femoral epiphyseal ossification center, McLeary RD; Kuhns LR, (Radiology), **152**: 866, 1984
- sonographic features associated with cleft palate, Bundy AL; Saltzman DH; Emerson D; et al, (JCU), 14: 486, 1986
- sonographic measurements of the fetal spleen: clinical implications, Schmidt W; Yarkoni S; Jeanty P; et al, (J Ultrasound Med), 4: 667, 1985
- sonographic study of fetal cystic hygromas, Chervenak FA; Isaacson G; Tortora M, (Radiology), **159**: 576, 1986
- sonography, a complementary examination to alpha-fetoprotein testing for fetal neural tube defects, Hashimoto BE; Mahony BS; Filly RA; et al. (J Ultrasound Med), 4: 307, 1985
- sonography as a procedure complementary to  $\alpha$ -fetoprotein testing for neural tube defects, Slotnick N; Filly RA; Callen PW; et al, (Radiology), **150**: 869, 1984
- sonography of the fetal gastrointestinal system, Mukuno DH; Lee TG; Harnsberger HR; et al. (Semin US CT MR), 5: 194, 1984
- sonography of the fetal genitourinary tract, Hadlock FP; Deter RL; Carpenter RJ, (Semin US CT MR), 5: 213, 1984
- sonography of the transverse fetal lie, Fried AM; Cloutier M; Woodring JH; et al, (AJR), 142: 421, 1984
- specific skeletal dysplasias in utero: sonographic diagnosis, Pretorius DH; Rumack CM; Manco-Johnson ML; Manchester D; Meier P; Bramble J; Clewell W, (Radiology), **159**: 237, 1986
- susceptibility of the human fetus to physical damage, Bang J, (Ultrasound Med Biol), 12: 683, 1986
- systematic approach to fetal echocardiography using real-time/two-dimensional sonography, Cyr DR; Guntheroth WG; Mack LA; et al, (J Ultrasound Med), 5: 343,
- technique of early sonographic diagnosis of bilateral cleft lip and palate, Seeds JW; Cefalo RC, (Radiology), **152**: 268, 1984
- thermal and heart rate response to ultrasonic exposure in the second and third trimester dog fetus, Gross DR; Williams AR; Wagner-Mann C; et al, (J Ultrasound Med), 5: 507, 1986.
- thoracic neuroblastoma: antenatal demonstration in a case with unusual postnatal radiographic findings, de Filippi G; Canestri G; Bosio U; et al, (Br J Radiol), 59: 704, 1986
- tolerance intervals for standards in ultrasound measurements: determination of BPD standards, Wexler S; Fuchs C; Golan A; et al, (JCU), 14: 243, 1986.

- transient in utero hydronephrosis, Baker ME; Rosenberg ER; Bowie JD; et al, (J Ultrasound Med), 4: 51, 1985
- twelve cases of hydronephrosis in utero diagnosed by ultrasonography, Sanders R; Graham D, (Radiology), 150: 869, 1984
- twin and singleton growth patterns compared using US, Grumbach K; Coleman BG; Arger PH; Mintz MC; Gabbe SV; Mennuti MT, (Radiology), 158: 237, 1986
- ultrasonic appearance of intravascular gas in fetal death, Weinstein BJ; Platt LD, (Radiology), **152**: 867, 1984
- ultrasonic assessment of fetal response to second-trimester amniocentesis, Gianopoulos J; Elias SS; Simpson JL; et al, (Radiology), 160: 575, 1986
- ultrasonic diagnosis of ectopia cordis, Mercer LJ; Petres RE; Smeltzer JS, (Radiology), **150**: 869, 1984
- ultrasonic diagnosis of second-trimester skeletal dysplasias: a prospective analysis in a high-risk population, Kurtz AB; Wapner RJ, (Radiology), 150: 869, 1984
- ultrasonic evaluation of the size of the trigone of the fetal ventricle, McGahan JP; Phillips HE, (Radiology), 151: 835, 1984
- ultrasonic tissue characterization of fetal lung, liver, and placenta for the purpose of assessing fetal maturity, Benson DM; Waldroup LD; Kurtz AB; et al, (Radiology), 152: 866, 1984
- ultrasonographic and pathologic study of mucoid degeneration of umbilical cord, laccarino M; Baldi F; Persico O; et al, (JCU), 14: 127, 1986
- ultrasonographic antenatal demonstration of primary megaureters, Dunn V; Glasier CM, (J Ultrasound Med), 4: 101, 1985
- ultrasonographic evaluation of fetal paranephric pseudocysts, Callen PW; Bolding DB; Filly RA; et al, (Radiology), 151: 834, 1984
- ultrasonographic features of nonimmune hydrops fetalis: study of 30 successive patients, Brown BSJ, (J Canad Assoc Radiol), 37: 164, 1986
- ultrasonographic features of the fetal Turner syndrome, Brown BSJ; Thompson DL, (Radiology), 153: 860, 1984
- ultrasonographic spectrum of fetal omphalocele, Schaffer RM; Barone CM; Friedman AP, (Radiology), **151**: 834, 1984
- ultrasonography of the fetal cerebellum, McLeary RD; Kuhns LR; Barr M Jr, (Radiology), 151: 439, 1984
- ultrasonography of the fetal subarachnoid space, Laing FC; Stamler CE; Jeffrey RB Jr, (Radiology), 150: 300, 1984
- ultrasound case of the day, annual meeting, 1985, Sandler MA; Beute GH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM, (Radiographics), 6: 1096, 1986
- ultrasound diagnosis of situs inversus in utero. a case report, Stoker AF; Jonnes SV; Spence J, (Radiology), 152: 865, 1984
- ultrasound evaluation of the normal fetal upper airway and esophagus, Cooper C; Mahony BS; Bowie JD; et al, (J Ultrasound Med), 4: 343, 1985
- ultrasound measurement of the fetal cerebral ventricles: prospective, consecutive study, Jorgensen C; Ingemarsson I; Svalenius E; et al, (JCU), 14: 185, 1986
- ultrasound monitoring of fetal behaviour, Tuck SM, (Ultrasound Med Biol), 12: 307,
- ultrasound prediction of fetal lung maturity, Hadlock FP: Irwin JF; Roecker E; Shah YP; Deter RL; Rossavik IK, (Radiology), 155: 469,
- unsuspected fetal abnormality, Zagoria RJ; Machen BC; King GT; et al, (Invest Radiol), 21: 282, 1986
- ureteropelvic junction stenosis: antenatal ultrasonographic diagnosis, postnatal investigation, and follow-up, Grignon A; Filiatrault D; Homsy Y; Robitaille P; Filion R; Boutin H; Leblond R, (Radiology), 160: 649, 1986
- urinary tract dilatation in utero: classification and clinical applications, Grignon A; Filion R; Filiatrault D; Robitaille P; Homsy Y; Boutin H; Leblond R, (Radiology), 160: 645, 1986

- use of diagnostic ultrasound on the human fetus, Hohler CW, (Clin Diagn Ultrasound), 16: 97, 1985
- use of femur length/abdominal circumference ratio in detecting the macrosomic fetus, Hadlock FP; Harrist RB; Fearneyhough TC; Deter RL; Park SK; Rossavik IK, (Radiology),
- use of the abdominal circumference as a means of assessing M-mode ventricular dimensions during the second and third trimesters of pregnancy in the normal human fetus, DeVore CR; Siassi B; Platt LD, (J Ultrasound Med), 4: 175, 1985
- use of the femur length to estimate fetal weight in premature infants: preliminary results, Campbell WA; Vintzileos AM; Neckles S; et al, (J Ultrasound Med), 4: 583,
- varied sonographic appearance of cystic hygromas in utero, Rahmani MR; Fong KW; Connor TP, (J Ultrasound Med), 5: 165, 1986
- vascular anatomy of the fetus, Jeanty P; Romero R; Hobbins JC, (Radiology), 153: 573, 1984
- vernix in amniotic fluid: sonographic detection, Hill LM; Breckle R, (Radiology), 158: 80, 1986
- visualization of the fetal genitalia by ultrasonography: review of the literature and analysis of its accuracy and ethical implications, Elejalde BR; de Elejalde MM; Heitman T, (J Ultrasound Med), 4: 633, 1985

gastrointestinal tract radionuclide activity on In-111 labeled leukocyte imaging: clinical significance in patients with fever of unknown origin, Datz FL; Thorne DA, (Radiology), 160: 635, 1986

#### Fibrinogen

See Blood, fibrinogen

#### Fibrinolysis

- catheter-directed low dose streptokinase infusion: a preliminary experience, Risius B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW, (Radiology), **150**:
- fibrinolysis in chronic arteriosclerotic occlusions: intrathrombotic injections of streptokinase. work in progress, Lammer J; Pilger E; Justich E; Neumayer K; Schreyer H, (Radiology), 157: 45, 1985
- fibrinolytic therapy, Klatte EC; Becker GJ; Holden RE; Yune HY, (Radiology), 159: 619,
- intraarterial fibrinolysis: in vitro and prospective clinical evaluation of three thrombolytic agents, Pilger E; Lammer J; Bertuch H; Steiner H, (Radiology), **161**: 597,
- intraarterial fibrinolysis: long-term results, Lammer J; Pilger E; Neumayer K; Schreyer H, (Radiology), **161**: 159, 1986
- local intraarterial fibrinolytic therapy in inaccessible internal carotid occlusion, Zeumer H; Hundgen R; Ferbert A; et al, (Radiology), **155**: 857, 1985
- low-dose fibrinolytic therapy in hand ischemia, Tisnado J; Bartol DT; Cho S-R; Vines FS; Beachley MC; Fields WR, (Radiology), **150**: 375, 1984
- recombinant human tissue-type plasminogen activator for thrombolysis in peripheral arteries and bypass grafts, Risius B; Graor RA; Geisinger MA; Zelch MG; Lucas FV; Young JR; Grossbard EB, (Radiology), 160: 183, 1986
- thrombosed synthetic hemodialysis access fistulas: failure of fibrinolytic therapy, Young AT; Hunter DW; Castaneda-Zuniga WR; So SKS; Mercado S; Cardella JF; Amplatz K, (Radiology), **154**: 639, 1985

## Fibrolipoma

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#### Fibroma

- See also under names of organs and regions, such as Bones, fibrom
- case report: infiltrative fibromatosis: rare cause of fatal haemorrhage, Ashby MA; Harmer CL; McKinna JA; et al, (Clin Radiol),
- clinical, computed tomographic, and histopathologic characteristics of juvenile ossifying fibroma with orbital involvement, Shields JA; Nelson LB; Brown JF; et al, (Radiology), 152: 553, 1984

- destructive maxillary cemento-ossifying fibroma following maxillofacial trauma, Wenig BL; Sciubba JJ; Cohen A; et al, (Radiology), 155: 281, 1985
- elastofibroma: chest wall pseudotumor, Berthoty DP; Shulman HS; Miller HAB, (Radiology), 160: 341, 1986 fibromatosis of bone in children, Capusten BM; Azouz EM; Rosman MA,
- (Radiology), 152: 693, 1984
- giant ossifying fibroma of the skull, Villemure J-G; Meagher-Villemure K, (Radiology), **150**: 293, 1984
- sonography of ovarian fibromas, Stephenson WM; Laing FC, (AJR), **144**: 1239, 1985

## Fibromyxoma

See Myxoma

# Fibrosarcoma

See Sarcoma

## Fibrosis, cystic

- biliary tree in cystic fibrosis: biliary tract abnormalities in cystic fibrosis demonstrated by endoscopic retrograde cholangiography, Bass S; Connon JJ; Ho CS, (Radiology), 151: 258, 1984
- chronic pancreatitis: the diagnostic significance of pancreatic size and echo amplitude, Shawker TH; Linzer M; Hubbard VS, (Radiology), 154: 568, 1985
- cystic fibrosis: comparison of computed tomography and plain chest radiographs, Jacobsen LE; Houston CS; Habbick BF; et al, (J Canad Assoc Radiol), 37: 17, 1986
- cystic fibrosis: ultrasonographic findings in the pancreas and hepatobiliary system correlated with clinical data and pathology, Graham N; Manhire AR; Stead RJ; et al, (Radiology), 156: 570, 1985
- gastroesophageal reflux in patients with cystic fibrosis, Scott RB; O'Loughlin EV; Gall DG, (Radiology), **156**: 858, 1985
- inspissated bile in a neonate with cystic fibrosis, Davies CH; Daneman A; Stringer DA, (J Ultrasound Med), 5: 335,
- magnetic resonance imaging in cystic fibrosis, Gooding CA; Lallemand DP; Brasch RC; et al, (Radiology), **155**: 556, 1985
- "micro-gallbladder"—a clue to cystic fibrosis, Kramer NR; Karasick D; Karasick S, (Radiology), **152**: 840, 1984
- neonatal small left colon in an infant with cystic fibrosis, Ellerbroek C; Smith WL, (Pediatr Radiol), 16: 162, 1986
- pancreatic cystosis in cystic fibrosis, Hernanz-Schulman M; Teele RL; Perez-Atayde A; Zollars L; Levine J; Black P; Kuligowska E, (Radiology), 158: 629, 1986
- pneumatosis intestinalis in cystic fibrosis, Hernanz-Schulman M; Kirkpatrick J Jr; Shwachman H; Herman T; Schulman G; Vawter GF, (Radiology), **160**: 497, 1986
- ultrasonography of the pancreas, liver, and biliary system in cystic fibrosis, Wilson-Sharp RC; Irving HC; Brown RC; et al, (Radiology). 155: 861, 1985

- computerized tomography in the evaluation of peroneal tendon dislocation. a report of two cases, Szczukowski M Jr; St. Pierre RK; Fleming LL; et al, (Radiology), 152: 262, 1984
- popliteal vein compression by a fibular osteochrondroma: case report, Kraus RA; Macke JC; Crawford AH; et al, (Pediatr Radiol), 16: 173, 1986

## Fibula, abnormalities

- case report 389, Sharma P; Daffner RH, (Skeletal Radiol), 15: 505, 1986
- congenital posteromedial bowing of the tibia and the fibula, Pappas AM, (Radiology), 155:
- tibial and fibular angles in homozygous sickle cell disease, Akamaguna AI; Odita JC; Ugbodaga CI; et al, (Eur J Radiol), 6: 97, 1986

#### Films and screens

See Screens and films

clinical applications of yttrium filters for exposure reduction, Wang Y; McArdle GH; Feig SA; Karasick S; Koolpe HA; Mapp E; Rao VM; Steiner RM; Wechsler RJ, (Radiographics), 4: 479, 1984

- compensation filter for shoulder radiography, Vezina JA, (Radiology), 155: 823, 1985 CT evaluation of Kimray-Greenfield filter complications, Miller CL; Wechsler RJ, (AJR), 147: 45, 1986
- Foil filters for equalized chest radiography, Vyborny C; MacMahon H, (Radiology), **151**: 524, 1984
- physical measurements of heavy metal filter performance, Burgess AE, (Radiology), **157**: 288, 1985

#### Filters, digital

- itters, digital gated cardiac blood-pool studies: use of digital filters, Miller TR; Goldman KJ; Epstein DM; Biello DR; Sampathkumaran KS; Kumar B; Siegel BA, (Radiology), 152: 795, 1984 newer subtraction and filtration techniques,
- Nelson JA, (Radiol Clin North Am), 23: 185,

#### Fingers and toes

- See also Foot; Hand
- case report 364, El-Khoury GY; Foucar E; Blair WF; et al, (Skeletal Radiol), 15: 313,
- 1986
  influence of steroids on the development of soft tissue calcification at th margins of the distal tuberosities (tufts) of the fingers, Fischer E. (Radiology). 156: 564, 1985 ivory and dense epiphyses of the hand: Thiemann disease in three sisters, van der Laan JG; Thijn CJP, (Skeletal Radiol), 15: 117. 1986.
- obliterative angiopathy of the digital arteries of the finger in the vibration syndrome, Leyhe A, (Radiology), **159**: 822, 1986
- phalangeal osseous changes due to tenosynovitis in rheumatoid arthritis, Fischer E, (Radiology), **156**: 268, 1985
- subungual calcification in the normal nailbed of the toes, Fischer E, (Radiology), 152: 843,
- subungual keratoacanthoma, Levy DW; Bonakdarpour A; Putong PB; et al, (Radiology), **157**: 851, 1985

#### Fingers and toes, abnormalities

- congenital onychodysplasia: iso-kikuchi syndrome, Haneke E; Kienlein-Kletschka B, (Radiology), **156**: 859, 1985
- (Radiology), 136. 597, 1263 developmental disorders of the proximal epiphysis of the hallux, Lyritis G, (Radiology), **154**: 562, 1985
- idiopathic osteonecrosis of the first metatarsal sesamoid, Ogata K; Sugioka Y; Urano Y; et al, (Skeletal Radiol), 15: 141,
- ivory and dense epiphyses of the hand: Thiemann disease in three sisters, van der Laan JG; Thijn CJP, (Skeletal Radiol), **15**: 117, 1986
- nutrient foramina in the phalanges of the hands, Pastakia B; Fink IJ; Morrish K, (Radiology), 157: 281, 1985
- Pierre Robin sequence and hyperphalangy—a genetic entity. Catel-Manzke syndrome, Brude E, (Radiology), 155: 856, 1985

## Fingers and toes, injuries

- patient-induced stress test of the first metacarpophalangeal joint: radiographic assessment of collateral ligament injuries, Downey EF Jr; Curtis DJ, (Radiology), 158: 679, 1986
- replantation of digits or hands followed by destructive joint disease, Guerra J Jr; Resnick D; Gelberman RH; Reznek R; Cone RO III, (Radiology), 152: 591, 1984

## Fingers and toes, ischemia

peripheral arterial disease diagnosed with high-count-rate radionuclide arteriography, Oshima M; Ijima H; Kohda Y; Kuramoto K; Kikuchi Y; Wada M; Akisada M, (Radiology), 152: 161, 1984

#### Fingers and toes, neoplasms

- radionuclide imaging of two patients with metastasis to a distal phalanx of the hand, Kosuda S; Gokan T; Tamura K; et al, (Clin Nucl Med), 11: 659, 1986
- sonographic diagnosis of glomus tumor of the finger, Fornage BD; Schernberg FL; Rifkin MD; et al, (J Ultrasound Med), 3: 523,
- subungual keratoacanthoma, Levy DW; Bonakdarpour A; Putong PB; et al, (Radiology), **157:** 851, 1985

### Fingers and toes, replantation

aggressive postoperative pharmacotherapy for vascular compromise of replanted digits, Rapoport S; Glickman MG; Salomon JC; et al. (AJR), 144: 1065, 1985

radiologic evaluation of severed body parts, Maurer AH, (Radiology), 151: 535, 1984 radiologic evaluation of severed body parts: comment, Phillips WC, (Radiology), 151: 535, 1984

replantation of digits or hands followed by destructive joint disease, Guerra J Jr; Resnick D; Gelberman RH; Reznek R; Cone RO III, (Radiology), 152: 591, 1984

Fistula, aortocaval

diagnosis of spontaneous aorto-caval fistula by computed tomography, Clements R; Fitzgerald E; Thorpe A, (Br J Radiol), 59: 403, 1986

latex vascular occlusion balloons: histopathologic evaluation in a high-flow aortocaval fistula model, Quisling RG; Mickle JP; Ballinger WB Jr, (AJNR), 6: 583,

raumatic aortocaval fistula presenting as atypical chest pain, Marx M; Geller S; Bettmann M, (Cardiovasc Intervent Radiol), 9: 17. 1986

Fistula, aortoenteric

duodenal fistula—rare complication following the removal of an infected aortic graft: case report, Hannig C; Allgayer B; Risch M; et al, (Cardiovasc Intervent Radiol), 9: 33, 1986

new computed tomographic signs of aortoenteric fistula, Kukora JS; Rushton FW; Cranston PE, (Radiology), 155: 848, 1985

Fistula, aortoesophageal

successful treatment of primary aorta-esophageal fistula resulting from aortic aneurysm, Snyder DM; Crawford ES, (Radiology), 150: 854, 1984

Fistula, arteriocolic

angiographic management of arteriocolic fistulae, Husted J; Dempsey D, (Cardiovasc Intervent Radiol), 9: 158, 1986

Fistula, arterioportal

arterioportal fistula demonstrated by pulsed Doppler ultrasonography, Lafortune M; Breton G; Charlebois S, (J Ultrasound Med), 5: 105, 1986

Jarge spontaneous intrahepatic arterioportal fistula demonstrated by rapid sequential computed tomographic scan. report of two cases, Takayasu K; Moriyama N; Ishikawa T; et al. (Radiology), 156: 863, 1985

isnikawa 1; et al. (Kadiology), 136: 805, it use of giant steel coils in the therapeutic embolization of a superior mesenteric artery-portal vein fistula, Hennessy OF; Gibson RN; Allison DJ, (Cardiovasc Intervent Radiol), 9: 42, 1986

Fistula, arteriovenous

See also Arteriovenous malformations

arteriovenous fistula after hair transplantation, Lanzieri CF; Sacher M; Som PM; et al, (AJNR), 6: 111, 1985

arteriovenous fistula secondary to renal biopsy, Leonard JC; Nanney SM; Tytle T, (Clin Nucl Med), 11: 284, 1986

arterio-venous shunting complicating occlusive atherosclerotic peripheral vascular disease, Vallance R. Quin RO; Forrest H, (Clin Radiol), 37: 389, 1986

CT of solitary pulmonary vascular lesions, Webb RW, (Semin Roentgenol), 19: 189,

dialysis access fistulas: treatment of stenoses by transluminal angioplasty, Glanz S; Gordon DH; Butt KMH; Hong J; Adamsons RJ; Sclafani SJA, (Radiology), 152:

embolization of visceral arteriovenous fistulas with a modified steel wire technique, Kim D; Guthaner DF; Walter JF; et al, (AJR), 142: 1215, 1984

failing arteriovenous dialysis fistulas: evaluation and treatment, Hunter DW; Castaneda-Zuniga WR; Coleman CC; Young AT; Salomonowitz E; Mercado S; Amplatz K, (Radiology), 152: 631, 1984

high-flow angiopathy: cerebral blood vessel changes in experimental chronic arteriovenous fistula, Pile-Spellman JMD; Baker KF; Liszczak TM; et al., (AJNR), 7: 811,

iatrogenic femoral arteriovenous fistulae: evaluation by digital vascular imaging, Picus D; Totty WG, (AJR), **142**: 567, 1984

inferior mesenteric arteriovenous fistula nferior mesenteric arteriovenous ristuia associated with portal hypertension and acute ischemic colitis. successful occlusion by intraarterial embolization with steel coils, Capron J-P; Geneston J-L; Remond A; et al, (Radiology), 154: 272, 1985 Osler-Weber-Rendu disease with multiple intrahepatic arteriovenous fistulas, Danchin N; Thisse JY; Neimann JL; et al, (Radiology), **150**: 867, 1984

percutaneous embolization of arteriovenous fistulas of the external carotid artery, Berenstein A; Scott J; Choi IS; et al, (AJNR), 7: 937, 1986

primary diagnosis of abdominal arteriovenous fistula by MR imaging, Amparo EG; Higgins CB; Hricak H, (JCAT), 8: 1140, 1984

pulmonary arteriovenous fistulas occluded by percutaneous introduction of coil springs, Keller FS; Rosch J; Barker AF; Nath PH, (Radiology), 152: 373, 1984

spontaneous closure of a dural arteriovenous fistula associated with acute hearing loss, Landman JA; Braun IF, (AJNR), 6: 448, 1985

superior mesenteric aneurysm and arteriovenous fistula: angiographic and CT features, Knox M; Chuang VP; Stewart MT, (AJR), 145: 383, 1985

thrombosed synthetic hemodialysis access fistulas: failure of fibrinolytic therapy, Young AT; Hunter DW; Castaneda-Zuniga WR; So SKS; Mercado S; Cardella JF; Amplatz K, (Radiology), **154**: 639, 1985

vertebral arteriovenous fistulas: clinical presentation, angiographic appearance and endovascular treatment. a review of twenty-five cases, Reizine D; Laouiti M; Guimaraens L; et al, (Radiology), 159: 574, 1986

Fistula, arteriovesicular

iliac artery-bladder fistulization ten years postrenal transplantation, Bernath AS; Addonizio JC; Arciola A, (Radiology), 152: 841, 1984

Fistula, biliobronchial

congenital bronchobiliary fistula, Chang CCN; Giulian BB, (Radiology), **156**: 82, 1985

Fistula, bronchopleural

identification of a bronchopleural fistula by computerized tomography—a case report, Peters ME; Gould HR; McCarthy TM, (Radiology), 151: 554, 1984

Fistula, carotid-cavernous

avoiding intraarterial balloon detachment in the treatment of posttraumatic carotid-cavernous fistulae with detachable balloons, Graeb DA; Robertson WD; Lapointe JS; et al, (AJNR), 6: 602, 1985

bilateral post-traumatic carotid-cavernous lateral post-faumatic carona-cavernous fistula: anatomico-radiological correlations in a case treated by detachable balloon, Gaston A; Combes C; Razavi F; et al, (J Neuroradiol), 15: 55, 1986

carotid-cavernous fistula following nasopharyngeal biopsy, Feurerman TF; Hieshima GB; Bentson JR; et al, (Radiology), 154: 857, 1985

classification and treatment of spontaneous carotid-cavernous sinus fistulas, Barrow DL; Spector RH; Braun IF; et al, (Radiology), 158: 284, 1986

new detachable balloon technique for traumatic carotid-cavernous sinus fistulae, Taki W; Handa H; Miyake H; et al, (AJNR), 6: 961, 1985

spontaneous carotid-cavernous fistulas: clinical, radiological, and therapeutic considerations. experience with 20 cases, Vinuela FV; Fox AJ; Debrun GM; et al, (Radiology), 154: 278, 1985

treatment of caroticocavernous fistulae with detachable balloons introduced by percutaneous catheterization, Tress BM; Thompson KR; ApSimon HT; et al, (Radiology), 150: 288, 1984

Fistula, cerebrospinal

cerebrospinal fluid rhinorrhea caused by bromocriptine therapy of prolactinoma, Holness RO; Schlossberg AH; Heffernan LRPM, (Radiology), 153: 276, 1984

Fistula, cholecystoduodenal

cholecystoduodenal fistula due to pancreatic carcinoma: CT diagnosis, Radin DR; Santiago EM, (JCAT), 10: 149, 1986

Fistula, colobronchial

colobronchial fistula as a late complication of coloesophageal interposition, Perlmutter DH; Tapper D; Teele RL; et al, (Radiology), 156: 561, 1985

Fistula, colonic

computed tomography in the evaluation of diverticulitis, Hulnick DH; Megibow AJ; Balthazar EJ; Naidich DP; Bosniak MA, (Radiology), 152: 491, 1984

detection of occult colovesical fistula by the Bourne test, Amendola MA; Agha FP; Dent TL; et al, (AJR), 142: 715, 1984

nonspecific involvement of bowel adjoining Crohn disease, Herlinger H; O'Riordan D; Saul S; Levine MS, (Radiology), 159: 47, 1986

Fistula, colopleural

strangulated diaphragmatic hernia with pneumothorax due to colopleural fistula, Radin DR; Ray MJ; Halls JM, (AJR), 146: 321,

Fistula, coronary

istuia, coronary radionuclide cardioangiographic demonstration of a coronary artery fistula, Wells RG; Litwin SB; Sty JR, (Pediatr Radiol), 16: 61, 1986

Fistula, cutaneous

percutaneous sclerosis of an external biliary fistula, Martin EC; Levy J; Altman RP; et al, (AJR), 144: 481, 1985

intra-arterial digital subtraction angiography of the spinal cord, Yeates AE; Drayer BP; Heinz ER; Osborne D, (Radiology), 155: 387,

Fistula, enterovesical

CT in the diagnosis of enterovesical fistulae, Goldman SM; Fishman EK; Gatewood OMB; et al, (AJR), 144: 1229, 1985

Fistula, esophageal

congenital broncho-oesophageal fistula, Nicolaou N; Conlan AA, (Radiology), 150:

CT demonstration of fistula between esophageal carcinoma and spinal canal, Cornwell J; Walden C; Ghahremani GG, (JCAT), 10: 871, 1986

esophageal fistula associated with intracavitary irradiation for esophageal carcinoma, Hishikawa Y; Tanaka S; Miura T, (Radiology), 159: 549, 1986

Fistula, gastrointestinal

clinical significance and natural history of the double pylorus, Einhorn RI; Grace ND; Banks PA, (Radiology), 153: 560, 1984

fecal fistula following appendectomy in Crohn's disease, Childress MH, (Radiology), 152: 841, 1984

gastric and duodenal fistulas in Crohn's disease, Jacobson IM; Schapiro RH; Warshaw AL, (Radiology), **160**: 284, 1986

Fistula, hepatoportal

aneurysmal portahepatic venous fistula: report of two cases, Chagnon SF; Vallee CA; Barge J; Chevalier L; Le Gal J; Blery MV, (Radiology), 159: 693, 1986

(Radiology), 195; 95, 1956 hemobilia following transhepatic biliary drainage: occlusion of an hepatoportal fistula by balloon tamponade, Sniderman KW; Morse SS; Rapoport S; Ross GR, (Radiology), 154; 827, 1985

hoss GR, (Idanology, 120-7) 100 hepatoma, arterioportal shunting, and hyperkinetic portal hypertension: therapeutic embolization, Morse SS; Sniderman KW; Galloway S; Rapoport S; Ross GR; Glickman MG, (Radiology), 155: 77,

iatrogenic intrahepatic arterial-portal fistula, Bedell JE; Keller FS; Rosch J, (Radiology), 151: 79, 1984

Fistula, nephroduodenal

nephro-duodenal fistula: complication of percutaneous nephrolithotomy, Culkin DJ; Wheeler JS Jr; Canning JR, (Radiology), **158**: 858, 1986

Fistula, pancreatic

fistulation to the pancreatic duct complicating duodenal peptic ulcer, Merrill JR, (Radiology), **156**: 856, 1985

Fistula, pancreatic-pleural

pancreaticopleural fistula: demonstration by computed tomography and endoscopic retrograde cholangiopancreatography, Bronner MH; Marsh WH; Stanley JH, (CT), 10: 167, 1986

neuropancreatic fistula: endoscopic retrograde cholangiopancreatography and computed tomography, McCarthy S; Pellegrini CA; Moss AA; et al, (AJR), 142: 1151, 1984 pleuropancreatic fistula: endoscopic

Fistula, pyeloduodenal

role of an indium leukocyte scan in the diagnosis of a pyeloduodenal fistula associated with spontaneous disappeara of a staghorn calculus, Shortliffe LMD, (Radiology), 157: 864, 1985 Fistula, pyriform sinus

diagnosis and management of pyriform sinus fistulae in infants and young children, Miller D; Hill JL; Sun C-C; et al, (Radiology), 150: 859, 1984

Fistula, renal

angiographic demonstration of an aorto-left renal vein fistula, Heier LA; Saibil EA; Blair G; et al, (Radiology), **156**: 269, 1985

Blair G; et al. (Radiology), 156: 269, 1985
Fistula, therapeutic blockade
hepatoma, arterioportal shunting, and
hyperkinetic portal hypertension:
therapeutic embolization, Morse SS;
Sniderman KW; Galloway S; Rapoport S;
Ross GR; Glickman MG, (Radiology), 155: 77,

iatrogenic intrahepatic arterial-portal fistula, Bedell JE; Keller FS; Rosch J, (Radiology), 151: 79, 1984

latex vascular occlusion balloons: histopathologic evaluation in a high-flow aortocaval fistula model, Quisling RG; Mickle JP; Ballinger WB Jr, (AJNR), 6: 583,

pulmonary arteriovenous fistulas occluded by percutaneous introduction of coil springs. Keller F5; Rosch J; Barker AF; Nath PH, (Radiology), 152: 373, 1984 use of giant steel coils in the therapeutic

embolization of a superior mesenteric artery-portal vein fistula, Hennessy OF; Gibson RN; Allison DJ, (Cardiovasc Intervent Radiol), 9: 42, 1986

Fistula, tracheoesophageal

istula, tracheoesophageal antensial detection of esophageal atresia with distal tracheoesophageal fistula, Rahmani MR; Zalev AH, (JCU), 14: 143, 1986 computed tomography evaluation of tracheoesophageal fistula, Vaid YN; Shin MS, (CT), 10: 281, 1986

Sfill M3, (C1), M2 261, 1996 CT diagnosis of acquired tracheoesophageal fistula in adults, Berkmen YM; Auh YH, (JCAT), 9; 302, 1985 esophageal carcinoma with respiratory tract fistula, Little AG; Ferguson MK; Demeester TR; et al, (Radiology), 153: 559,

recurrent tracheo-esophageal fistula: a protocol for investigation, Stringer DA; Ein SH, (Radiology), 151: 637, 1984 recurrent tracheoesophageal fistulas. seventeen-year review, Ein SH; Stringer DA; Stephens CA; et al, (Radiology), 150: 859, 1984

scintigraphic demonstration of tracheo-esophageal fistula, Dunn EK; Man AC; Lin K-j; et al, (Radiology), **153**: 574, 1984

tracheoesophageal fistula: serious complication of infectious esophagitis, Obrecht WF Jr; Richter JE; Olympio GA; et al, (Radiology), **156**: 854, 1985

Fistula, ureteral

enhanced ascites: CT sign of ureteral fistula, Hirsch M, (JCAT), 9: 825, 1985

iliac artery-ureteral fistula developing after dilatation and stent placement, Adams PS Jr, (Radiology), 153: 647, 1984

MR imaging of the lung using liquid perfluorocarbons, Thomas SR; Clark LC Jr; Ackerman JL; et al, (JCAT), 10: 1, 1986 trabecular stress fractures during fluoride therapy for osteoporosis, Schnitzler CM; Solomon L, (Radiology), **159**: 572, 1986

Fluoroscopy See also Radiography

berium sulphate coating of the nasopharynx in lateral view videofluoroscopy, Cohn ER; Rood SR; McWilliams BJ; et al, (Radiology), 153: 278, 1984

gastrointestinal fluoroscopy: patient dose and methods for its reduction, Leibovic SJ; Caldicott WJH, (Radiology), **152**: 250, 1984

Cauthor Will (Radiology), 152-259, 1594
lag in radiographic imaging systems: simple methods for evaluation, Shearer DR; Moore MM, (Radiology), 159: 259, 1986
reduction of fluoroscopic exposure for the air contrast barium enema, Bednarek DR; Rudin S; Wong R; et al, (Radiology), 153: 561-1094.

velopharyngeal insufficiency on videofluoroscopy: comparison of projections, Stringer DA; Witzel MA, (AJR), 146: 15, 1986

Fluoroscopy, technology

luoroscopy, technology fluoroscopic imaging: quantitation of image lag or smearing. Gray JE; Stears JG; Lopez F; Wondrow MA, (Radiology), **150**: 563, 1984

Wondrow MA, (Radiology), 150: 563, 1984 fluoroscopy in children: low-exposure technology, Wesenberg RL; Amundson GM, (Radiology), 153: 243, 1982 improved fluoroscopic and cine-radiographic display with pulsed exposures and progressive TV scanning, Seibert JA, (Radiology), 159: 277, 1986

(Radiology), 159: 277, 1900
radiation protection device for use during percutaneous transhepatic examinations, Miotto D; Feltrin G; Calamosca M, (Radiology), 151: 799, 1984
real-time fluoroscopic digital subtraction, Braun IF; Aiken RE; Spalding WW; et al, (ANINI): E. 214, 1984.

(AJNR), 5: 214, 1984

(A)NK), 3: 214, 1964 videofluorography and pulsed fluoroscopy using a 512 X 512-pixel digital image system, Hynes DM; Edmonds EW; Rowlands JA; Krametz KR; Pack WKW, (Radiology), 155: 519, 1985

osteoporosis—early radiographic sign of endemic fluorosis, Zong-Cheng L; En-Huei W, (Skeletal Radiol), 15: 350, 1986

Focal spots

uniform focal spot x-ray tube with improved MTF and kW rating, Matsui H; Ono K, (Radiology), **156**: 227, 1985

symptomatic radiographic variants in extremities, Lawson JP, (Radiology), 157:

utility of foot venography as part of the routine lower-extremity venogram: prospective study, Glanz S; Gordon DH, (Cardiovasc Intervent Radiol), 9: 15, 1986

Foot, abnormalities

oot, anormalities
bone lesions in systemic lupus erythematosus,
Leskinen RH; Skrifvars BV; Laasonen LS;
Edgren KJ, (Radiology), 153: 349, 1984
case report 341, Milgrom C; Kaplan L; Lax E,
(Skeletal Radiol), 15: 150, 1986
prenatal ultrasound diagnosis of clubfoot,
Benacerraf BR; Frigoletto FD Jr, (Radiology),
155: 211, 1985

sonographic diagnosis of clubfoot in utero, Hashimoto BE, Filly RA; Callen PW, (J Ultrasound Med), 5: 81, 1986

widespread osteonecrosis of the foot in systemic lupus erythematosus: radiographic and gross pathologic correlation, Resnick D; Pineda C; Trudell D, (Radiology), 157: 568,

x-ray diagnosis of macrodystrophia lipomatosa, Moran V; Butler F; Colville J, (Radiology), **154**: 555, 1985

Foot, anatomy

CT scanning of the foot and ankle: 1. normal anatomy, Solomon MA; Gilula LA; Oloff LM; et al, (AJR), 146: 1192, 1986

CT scanning of the foot and ankle: 2. clinical applications and review of the literature, Solomon MA; Gilula LA; Oloff LM; et al, (AJR), 146: 1204, 1986

Foot, CT

computed tomography in tarsal coalition, Sarno RC; Carter BL; Bankoff MS; et al, (JCAT), 8: 1155, 1984

computed tomography of calcaneal fractures: anatomy, pathology, dosimetry, and clinical relevance, Guyer BH; Levinsohn EM; Fredrickson BE, et al. (AJR), 145: 911, 1985

CT evaluation of tarsometatarsal fracture-dislocation injuries, Goiney RC; Connell DG; Nichols DM, (AJR), 144: 985, 1985

CT scanning of the foot and ankle: 1. normal anatomy, Solomon MA; Gilula LA; Oloff LM; et al, (AJR), 146: 1192, 1986

CT scanning of the foot and ankle: 2. clinical applications and review of the literature, Solomon MA; Gilula LA; Oloff LM; et al, (AJR), 146: 1204, 1986

fractures of the talus and calcaneus: evaluation by computed tomography, Hindman BW; Ross SDK; Sowerby MRR, (CT), 10: 191, 1986

Foot, fractures

avulsion fracture of the fifth metatarsal: experimental study of pathomechanics, Richli WR; Rosenthal DI, (AJR), 143: 889,

computed tomography of calcaneal fractures: 'anatomy, pathology, dosimetry, and clinical relevance, Guyer BH; Levinsohn EM; Fredrickson BE, et al. (AJR), 145: 911, 1985

CT evaluation of tarsometatarsal fracturedislocation injuries, Goiney RC; Connell DG; Nichols DM, (AJR), 144: 985,

fractures of the talus and calcaneus: evaluation by computed tomography, Hindman BW; Ross SDK; Sowerby MRR, (CT), 10: 191, 1986

stress fractures of the os naviculare pedis. radiographic diagnosis of a rare fracture, Kirschberger R; Graff J-H; Henning A, (Radiology), **157**: 281, 1985

Foot, injuries

ankle tenography: a key to unexplained symptomatology. part II: diagnosis of chronic tendon disabilities, Gilula LA; Oloff L; Caputi R; Destouet JM; Jacobs A; Solomon MA, (Radiology), 151: 581, 1984

CT evaluation of tarsometatarsal fracturedislocation injuries, Goiney RC; Connell DG; Nichols DM, (AJR), 144: 985,

peroneal tendon injuries: CT analysis, Rosenberg ZS; Feldman F; Singson RD, (Radiology), **161:** 743, 1986

Foot, neoplasms

giant cell tumor of tarsal bones: report of three cases and review of the literature, Mechlin MB; Kricun ME: Stead J; et al, (Radiology), 154: 558, 1985

osteoid osteoma and osteoblastoma of the talus: report of 40 cases, Capanna R; Van Horn JR; Ayala A; et al, (Skeletal Radiol), **15**:

Foot, radionuclide studies

frostbite: experimental assessment of tissue damage using Tc-99m pyrophosphate. work in progress, Salimi Z; Wolverson MK; Herbold DR; Vas W, (Radiology), **161**: 227,

Foot, US studies

heel pad thickness: determination by high-resolution ultrasonography, Gooding GAW; Stress RM; Graf PM; et al, (J Ultrasound Med), 4: 173, 1985

sonography of the sole of the foot: evidence for loss of foot pad thickness in diabetes and its relationship to ulceration of the foot, Gooding GAW; Stess RM; Graf PM; et al, (Invest Radiol), 21: 45, 1986

Foramen magnum

abnormal venous drainage simulating a glomus jugulare tumor, Tjellstrom A; Svendsen P, (Radiology), **150**: 293, 1984

CT appearance of a surgically retained towel (gossypiboma), Sheward SE; Williams AG Jr; Mettler FA Jr; et al, (JCAT), 10: 343, 1986

ferromagnetism of intraocular foreign body causes unilateral blindness after MR study, Kelly WM; Paglen PG; Pearson JA; et al, (AJNR), 7: 243, 1986

percutaneous removal of ureteral stents, Boren SR; Dotter CT; McKinney M; Rosch J, (Radiology), **152**: 230, 1984

sonographic diagnosis of foreign bodies of the distal extremities, Fornage BD; Schernberg FL, (AJR), 147: 567, 1986

ultrasonic detection of soft tissue foreign bodies, Little CM; Parker MG; Callowich MC; et al, (Invest Radiol), 21: 275,

Foreign bodies, in air and food passages

enzymatic digestion of esophageal meat impaction: study of Adolph's meat tenderizer, Goldner F; Danley D, (Radiology), **157**: 279, 1985

fluoroscopic removal of ingested alkaline batteries, Jaffe RB; Corneli HM, (Radiology), 150: 585, 1984

Foley catheter removal of blunt esophageal foreign bodies. experience with 100 consecutive children, Campbell JB; Quattromani FL; Foley LC, (Radiology), 150:

gastric trichobezoar associated with transient pancreatitis, Shawis RN; Doig CM, (Radiology), 155: 854, 1985

ingested foreign bodies: removal by magnet; Volle E; Hanel D; Beyer P; Kaufmann HJ, (Radiology), **160**: 407, 1986

opaque chest: when to suspect a bronchial foreign body, Seibert RW; Seibert JJ; Williamson SL, (Pediatr Radiol), **16**: 193,

- Play-Doh in the gastrointestinal tract: modify 'CHIP' to 'CHIPPED', Wason S; Dalsey W; Billmire ME; et al, (Radiology), **160**: 575,
- postural disimpaction of oesophageal obstruction, Partridge J, (Radiology), 158: 281, 1986
- radiographic identification of ingested disc batteries, Maves MD; Lloyd TV; Carithers JS, (Pediatr Radiol), 16: 154, 1986
- unusual tracheal foreign body in a neonate, Horimoto Y; Kasuya T; Yoshizawa M; et al, (Pediatr Radiol), 16: 420, 1986
- use of glucagon and gas-forming agents in acute esophageal food impaction, Smith JC; Janower ML; Geiger AH, (Radiology), 159:

## Forensic radiology

radiologic forensic investigation of fatal gunshot wounds, Messmer JM; Fierro MF, (Radiographics), 6: 457, 1986

## Forestier disease

dysphagia and Forestier's disease, Deutsch EC; Schild JA; Mafee MF, (Radiology), 159: 574, 1986

#### Fractionation

See Radiobiology, time-dose studies

- See also under names of individual bones computed tomography and plain radiography in experimental fracture healing, Braunstein EM; Goldstein SA; Ku J; et al, (Skeletal Radiol), 15: 27, 1986
- (Skeletai Radiol), 15: Z/, 1986 coralline hydroxyapatite bone graft substitutes: preliminary report of radiographic evaluation, Sartoris DJ; Gershuni DH; Akeson WH; Holmes RI Resnick D, (Radiology), 159: 133, 1986
- cubital tunnel in ulnar entrapment neuropathy, St. John JN; Palmaz JC, (Radiology), **158**: 119, 1986
- fracture prevalence and bone mineral mass in osteoporosis measured with computed tomography and dual energy photon absorptiometry, Raymakers JA; Hoekstra O; van Putten J; et al, (Skeletal Radiol), 15: 191,
- hyperimmunoglobulinemia E syndrome: association with osteoporosis and recurrent fractures, Kirchner SG; Sivit CJ; Wright PF, (Radiology), **156**: 362, 1985
- parasymphyseal insufficiency fractures of the os pubis, Casey D; Mirra J; Staple TW, (AJR), 142: 581, 1984

## Fractures, complications

- fat embolism syndrome, Williams AG Jr; Mettler FA Jr; Christie JH; et al, (Clin Nucl Med), 11: 495, 1986
- pulmonary imaging in fat embolism syndrome, Park H-M; duCret RP; Brindley DC, (Clin Nucl Med), 11: 521, 1986
- transient fatty cortical defects following fractures in children, Malghem J; Maldague B, (Skeletal Radiol), 15: 368, 1986

#### Fractures, pathologic

- osteomalacia presenting as pathological fracture during pregnancy in Asian women of high socioeconomic class, Dandona P; Okonolucano F; Clements RV, (Radiology), 157: 566, 1985
- pathological fractures in rheumatoid arthritis: sites and mechanisms, Resnick D; Cone RO III, (Radiographics), 4: 549, 1984

- computed tomography of stress fractures, Yousem DM; Magid D; Fishman EK; et al, (JCAT), 10: 92, 1986
- insufficiency fractures of the pelvis, Gaucher A; Pere P; Bannwarth B, (Clin Nucl Med), 11: 518, 1986
- insufficiency fractures of the sacrum, Cooper KL; Beabout JW; Swee RG, (Radiology), **156**: 15, 1985
- internal fixation for stress fractures of the ankylosed spine, Marsh CH, (Radiology), 157: 281, 1985
- jogger's fracture and other stress fractures of the lumbosacral spine, Abel MS, (Radiology), **157**: 567, 1985
- lateral longitudinal stress fracture of the patella: report of three cases, Iwaya T; Takatori Y, (Radiology), 156: 860, 1985
- MRI in stress fracture, Stafford SA; Rosenthal DI; Gebhardt MC; et al, (AJR), 147: 553, 1986

- multiple stress fractures, Gupta RK; Saha MM, (Australas Radiol), **30**: 57, 1986 pathological fractures in rheumatoid arthritis:
- sites and mechanisms, Resnick D; Cone RO III, (Radiographics), 4: 549, 1984
- stress fractures of the os naviculare pedis. radiographic diagnosis of a rare fracture, Kirschberger R. Graff J-H; Henning A, (Radiology), 157: 281, 1985
- stress injuries of the pars interarticularis: radiologic classification and indications for scintigraphy, Pennell RG; Maurer AH; Bonakdarpour A, (AJR), 145: 763, 1985
- Bonakdarpour A, (AJR), 148: 763, 1985 supraacetabular insufficiency fractures, Cooper KL; Beabout JW; McLeod RA, (Radiology), 157: 15, 1985 three-phase radionuclide bone imaging in sports medicine, Rupani HD; Holder LE; Espinola DA; Engin SI, (Radiology), 156: 187, 1985
- trabecular stress fractures during fluoride therapy for osteoporosis, Schnitzler CM; Solomon L, (Radiology), 159: 572, 1986

coralline hydroxyapatite bone graft substitutes: preliminary report of radiographic evaluation, Sartoris DJ; Gershuni DH; Akeson WH; Holmes RE; Resnick D, (Radiology), 159: 133, 1986

- 99mTc pertechnetate scintigraphy, Salimi Z; Vas W; Tang-Barton P; et al, (AJR), 142: 415, 1984
- frostbite: experimental assessment of tissue damage using Tc-99m pyrophosphate. work in progress, Salimi Z; Wolverson MK; Herbold DR; Vas W, (Radiology), 161: 227,

- failure of furosemide to induce diuresis in a growth-retarded fetus, Rosenberg ER; Bowie JD, (AJR), **142**: 485, 1984
- nephrolithiasis in premature infants, Gilsanz V; Fernal W; Reid BS; Stanley P; Ramos A, (Radiology), **154:** 107, 1985
- Ramos A, (Radiology), 154: 107, 1985 quantitative CT assessment of furosemide- and mannitol-induced changes in brain water content, Cascino TL; Baglivo J; Conti J; et al, (Radiology), 151: 550, 1984 sonographic diagnosis of furosemide-induced nephrocalcinosis in newborn infants, Pearse DM; Kaude JV; Williams JL; et al, (J Ultrasound Med), 3: 553, 1984
- ultrasound diagnosis of renal calcification in infants on chronic furosemide therapy, Myracle MR; McGahan JP; Goetzman BW; et al. (JCU), 14: 281, 1986

## G

#### Gadolinium

- adolinium
  differentiation of reversible and irreversible
  myocardial injury by MR imaging with and
  without gadolinium-DTPA, McNamara MT;
  Tscholakoff D; Revel D; Soulen RL;
  Schechtmann N; Botvinick EH; Higgins CB,
  (Radiology), 158: 765, 1986
  dynamic spin-echo MRI of liver cancer using
  gadolinium-DTPA: animal investigation,
  Saini S; Stark DD; Brady TJ; et al, (AJR), 147:
  357–1986.
- gadolinium-DTPA in the assessment of liver tumours by magnetic resonance imaging, Carr DH; Graif M; Niendorf HP; et al, (Clin Radiol), 37: 347, 1986
- Radioli, 37: 347, 1786 Gd-DTPA in clinical MR of the brain: 1. intraaxial lesions, Brant-Zawadzki M; Berry I; Osaki L; et al, (AJNR), 7: 781, 1986
- Gd-DTPA in clinical MR of the brain: 2. extraaxial lesions and normal structures, Berry I; Brant-Zawadzki M; Osaki L; et al, (AJNR), 7: 789, 1986
- (A)NK), 77.79, 1980 hemodynamic effects of rapid and slow infusions of manganese chloride and gadolinium-DTPA in dogs, Slutsky RA; Peterson T; Strich G; Brown JJ, (Radiology), 154: 733, 1985
- human brain infarcts: imaging by MR enhanced Gd-DTPA, Virapongse C; Mancuso AA; Quisting RG, (Radiology), 161: 785, 1986

- magnetic field dependence (NMRD profile) of 1/T1 of rabbit kidney medulla and urine after intravenous injection of Gd(DTPA), Koenig SH; Spiller M; Brown RD III; et al, (Invest Radiol), 21: 697, 1986
- MR imaging of the breast using gadolinium-DTPA, Heywang SH; Hahn D; Schmidt H; et al, (JCAT), 10: 199, 1986
- multiple sclerosis: gadolinium enhancement in MR imaging, Grossman RI; Gonzalez-Scarano F; Atlas SW; Galetta S; Silberberg DH, (Radiology), 161: 721, 1986
- tissue distribution and magnetic resonance spin lattice relaxation effects of gadolinium DTPA, Strich G; Hagan PL; Gerber KH; Slutsky RA, (Radiology), 154: 723, 1985

#### Galactocele

- galactocele: three distinctive radiographic appearances, Gomez A; Mata JM; Donoso L; Rams A, (Radiology), 158: 43, 1986
- galactocele: three distinctive radiographic appearances, Hall FM, (Radiology), 160: 852, 1986
- galactocele: three distinctive radiographic appearances: reply, Gomez A; Mata JM; Donoso L; Rams A, (Radiology), **160**: 853, 1986

#### Gallbladder

See also Bile ducts

- duplication of the gallbladder associated with
- duplication of the gallbladder associated with childhood obstructive biliary disease and biliary cirrhosis, Granot E; Deckelbaum RJ; Gordon R; et al., (Radiology), 153: 566, 1984 endoscopic retrograde cholangiography with a balloon catheter: analysis of 100 consecutive cases, Yoshimoto H; Ikeda S; Tanaka M; Matsumoto S; Nakayama F, (Radiology), 159: 53, 1986
- "micro-gallbladder"—a clue to cystic fibrosis, Kramer NR; Karasick D; Karasick S, (Radiology), 152: 840, 1984
- mucosal pattern of the gall bladder ("areae cholecysticae"), Kottler RE; Louw JH, (Radiology), 153: 846, 1984

#### Gallbladder, abnormalities

- herniation and strangulation of the gallbladder through the foramen of Winslow, Bach DB; Satin R; Palayew M; et al, (AJR), 142: 541, 1984
- pseudo-choledochal cyst, Yazbeck S; Grignon A; Boisvert J, (Radiology), 157: 853, 1985
- scintigraphic demonstration of a gallbladder anomaly, Singh A; Holmes RA; Witten DM, (AJR), **144**: 77, 1985
- sonographic diagnosis of bicameral gallbladders: report of three cases, Murayama S; Mizushima A; Russell WJ; et al, (J Ultrasound Med), 4: 539, 1985
- sonography of gallbladder duplication and differential considerations, Goiney RC; Schoenecker SA; Cyr DR; et al, (AJR), 145: 241, 1985

## Gallbladder, angiography

angiographic findings in two carcinoid tumors of the gallbladder, Kitagawa K; Takashima T; Matsui O; et al, (Gastrointest Radiol), 11: 51, 1986

## Gallbladder, blood supply

dilatation of the cystic veins in portal hypertension: sonographic demonstration, Marchal GJF; Van Holsbeeck M; Tshibwabwa-Tumba E; Goddeeris PG; Fevery J; Oyen RH; Adisoejoso B; Baert AL; Van Steenbergen W, (Radiology), **154**: 187,

## Gallbladder, calculi

- buoyancy of gallstones in varying concentrations of contrast media, Culp WC, (AJR), 143: 79, 1984
- cholelithiasis in children: recent observations, Henschke CI; Teele RL, (Radiology), 152:
- cholelithiasis in the morbidly obese: diagnosis by US and oral cholecystography, Klingensmith WC III; Eckhout GV, (Radiology), 160: 27, 1986
- combined fluoroendoscopic removal of retained biliary stones, Berci G; Hamlin JA; Grundfest WS, (Radiology), **152**: 847, 1984
- diagnostic and therapeutic percutaneous gallbladder procedures, vanSonnenberg E; Wittich GR; Casola G; Princenthal RA; Hofmann AF; Keightley A; Wing VW, (Radiology), 160: 23, 1986

- dissolution of cholesterol gallstones: comparison of solvents, Lee LL; McGahan JP, (Gastrointest Radiol), 11: 169, 1986
- floating gallstones in bile without added contrast material, Yeh H-C; Goodman J; Rabinowitz JG, (AJR), **146**: 49, 1986
- gallbladder ultrasonography in clinical context, Durrell CA III; Vincent LM; Mittelstaedt CA, (Semin U5 CT MR), 5: 315, 1984
- gallstone dissolution with methyl-tert-butyl ether via percutaneous cholecystostomy: success and caveats, vanSonnenberg E; Hofmann AF; Neoptolemus J; et al, (AJR), 146: 865, 1986
- gallstone ileus diagnosed by computed tomography, Grumbach K; Levine MS; Wexler JA, (JCAT), 10: 146, 1986
- gas-containing gallstones: their influence on ultrasound images, Rubaltelli L; Talenti E; Rizzatto G; et al, (Radiology), **154**: 860, 1985
- hepatobiliary imaging in choledocholithiasis: comparison with ultrasound, Colletti PM; Ralls PW; Lapin SA; et al, (Clin Nucl Med), 11: 482, 1986
- hyperechoic foci in the gallbladder wall as a sign of microabscess formation or diverticula, Graif M; Horovitz A; Itzchak Y; Strauss S, (Radiology), 152: 781, 1984
- insensitivity of sonography in the detection of choledocholithiasis, Einstein DM; Lapin SA; Ralls PW; et al, (AJR), 142: 725, 1984
- interventional cholelithotomy as an alternative to cholecystectomy with or without the surgeon?, Burhenne HJ, (Invest Radiol), 21: 594, 1986
- nephrolithiasis and cholelithiasis in a premature infant, Ramey SL; Williams JL, (JCU), 14: 203, 1986
- oral cholecystosonography: a method for facilitating the diagnosis of cholesterol gallstones, Lebensart PD; Bloom RA; Meretyk S; Landau EH; Shiloni E, (Radiology), 153: 255, 1984
- percutaneous cholecystolithotomy: preliminary experience, Kerlan RK Jr; LaBerge JM; Ring EJ, (Radiology), 157: 653, 1985
- percutaneous removal of large gallstones, Laffey KJ; Martin EC, (Gastrointest Radiol), 11: 165, 1986
- porcelain gallbladder: ultrasound and CT appearance, Kane RA; Jacobs R; Katz J; Costello P, (Radiology), **152**: 137, 1984
- preoperative diagnosis of the Mirizzi syndrome: limitations of sonography and computed tomography, Becker CD; Hassler H; Terrier F, (AJR), 143: 591, 1984
- rapid dissolution of gallstones by MTBE: preliminary observations, Allen MJ; Borody TJ; Bugliosi TF; et al, (Radiology), 156: 266, 1985
- small bowel masses due to gallstones: report of two cases, English RE; MacGuire MH; Guyer PB, (Clin Radiol), 37: 153, 1986
- spontaneous resolution of cholelithiasis in infants, Keller MS; Markle BM; Laffey PA; Chawla HS; Jacir N; Frank JL, (Radiology), 157: 345, 1985
- ultrasonic detection of calcification in gallstones: "the reverberation shadow", Parulekar SG, (Radiology), **153**: 572, 1984
- ultrasonic lithotripsy of gallstones after cholecystostomy, Gacetta DJ; Cohen MJ; Crummy AB; et al, (AJR), 143: 1088, 1984
- ultrasonography of choledocholithiasis, Parulekar SG; McNamara MP Jr, (Radiology), **152**: 864, 1984
- ultrasonography versus roentgenography in suspected instances of cholecystolithiasis, Mogensen NB: Madsen M; Stage P; et al, (Radiology), 155: 861, 1985
- value of sonographic screening for gallstones in patients with chest pain and normal coronary arteries, Fein AB; Rauch RF II; Bowie JD; et al, (AJR), 146: 337, 1986

## Gallbladder, CT

- comparison of computed tomography and sonography in choledocholithiasis, Mitchell SE; Clark RA, (AJR), **142**: 729, 1984
- computed tomographic demonstration of a bileoma, Blickman JG; Overbosch EH; Falke THM, (Radiology), **154**: 554, 1985

- computed tomography of blunt trauma to the gallbladder, Jeffrey RB Jr; Federle MP; Laing FC; et al, (JCAT), 10: 756, 1986
- computed tomography of emphysematous cholecystitis, McMillin K, (JCAT), 9: 330, 1985
- computed tomography of the gallbladder: unusual diseases, Gale ME; Robbins AH, (JCAT), 9: 439, 1985
- computed tomography of thick-walled gallbladder mimicking pericholecystic fluid, Goldstein RB; Wing VW; Laing FC; et al, (JCAT), 10: 55, 1986
- contrast-enhanced computed tomography of the gallbladder in acute pancreatitis, Somer K; Kivisaari L; Standertskjold-Nordenstam C-G; et al, (Radiology), 152: 861, 1984
- CT evaluation of intracholecystic bile, Rebner M; Ruggieri PM; Gross BH; et al, (AJR), 145: 237, 1985
- differentiation of complicated cholecystitis from gallbladder carcinoma by computed tomography, Smathers RL; Lee JKT; Heiken JP, (AJR), 143: 255, 1984
- imaging procedures to diagnose gallbladder disease, Bouchier IAD, (Radiology), **154**: 554, 1985
- primary biliary carcinoma: CT evaluation, Thorsen MK; Quiroz F; Lawson TL; Smith DF; Foley WD; Stewart ET, (Radiology), 152: 479, 1984
- sonography and computed tomography in the diagnosis of carcinoma of the gallbladder, Weiner SN; Koenigsberg M; Morehouse H; et al., (AJR), 142: 735, 1984

#### Gallbladder, dilatation

hydrops of the gallbladder in typhoid fever as demonstrated by sonography, Cohen EK; Stringer DA; Smith CR; et al, (JCU), 14: 633, 1986

#### Gallbladder, diseases

- acute gangrenous cholecystitis: radionuclide diagnosis, Brachman MB; Tanasescu DE; Ramanna L; Waxman AD, (Radiology), **151**: 209, 1984
- adenomyomatosis of the gallbladder: pictorial exhibit, Kidney M; Goiney R; Cooperberg PL, (J Ultrasound Med), 5: 331, 1986
- cholecystitis: detection with MR imaging, McCarthy 5; Hricak H; Cohen M; Fisher MR; Winkler ML; Filly RA; Margulis AR, (Radiology), **158**: 333, 1986
- chronic acalculous gallbladder disease: multiimaging evaluation with clinicalpathologic correlation, Raptopoulos V; Compton CC; Doherty P; et al, (AJR), 147: 721, 1986
- computed tomography of the gallbladder: unusual diseases, Gale ME; Robbins AH, (JCAT), 9: 439, 1985
- diverticular disease (adenomyomatosis) of the gallbladder: radiological-pathological survey, Williams I; Slavin G; Cox A; et al, (Br J Radiol), 59: 29, 1986
- early diagnosis of acute gallbladder disease: the accuracy of overnight eight-hour infusion cholangiography, Thomson GJL; Simpson GJ: Hansell DT; et al, (Radiology), 155: 271, 1985
- fatty meal and acalculous gallbladder disease, Gajjar B; Towmey B; De Lacey G, (Radiology), **156**: 266, 1985
- percutaneous cholecystolithotomy: preliminary experience, Kerlan RK Jr; LaBerge JM; Ring EJ, (Radiology), 157: 653, 1985
- upright tomographic oral cholecystography, Cockrell CH; Cho S-R, (Radiology), **151**: 797, 1984
- xanthogranulomatous cholecystitis mimicking carcinoma of the gallbladder: CT findings, Duber C; Storkel S; Wagner P-K; et al, (JCAT), 8: 1195, 1984

#### Gallbladder, function

gallbladder bile: experimental study in dogs using MR imaging and proton MR spectroscopy , Demas BE; Hricak H; Moseley M; Wall SD; Moon KL Jr; Goldberg HI; Margulis AR, (Radiology), 157: 433, 1985 gallbladder function in diabetic patients, Shreiner DP; Sarva RP; Van Thiel D; et al, (J Nucl Med), **27**: 357, 1986

#### Gallbladder, infarction

- acute acalculous cholecystitis: sensitivity in detection using technetium-99m iminodiacetic acid cholescintigraphy, Swayne LC, (Radiology), 160: 33, 1986
- gallbladder infarction after hepatic artery embolization, Takayasu K; Moriyama N; Muramatsu Y; et al, (AJR), 144: 135, 1985
- gallbladder infarction: radiographic mimic of emphysematous cholecystitis, Loughran CF; Thind CR, (Radiology), **158**: 567, 1986

## Gallbladder, inflammation

#### See Cholecystitis Gallbladder, injuries

computed tomography of blunt trauma to the gallbladder, Jeffrey RB Jr; Federle MP; Laing FC; et al, (JCAT), 10: 756, 1986

## Gallbladder, MR studies

- cholecysitiis: detection with MR imaging, McCarthy S; Hricak H; Cohen M; Fisher MR; Winkler ML; Filly RA; Margulis AR, (Radiology), 158: 333, 1986
- gallbladde; bile: experimental study in dogs using MR imaging and proton MR spectroscopy, Demas BE: Hricak H; Moseley M: Wall SD; Moon KL Jr; Goldberg HI; Margulis AR, (Radiology), 157: 453, 1985
- gallbladder bile in cholecystitis: in vitro MR evaluation, Loflin TG; Simeone JF; Mueller PR; Saini S; Stark DD; Butch RJ; Brady TJ; Ferrucci JT Jr, (Radiology), 157: 457, 1985

#### Gallbladder, necrosis

acute acalculous cholecystitis: sensitivity in detection using technetium-99m iminodiacetic acid cholescintigraphy, Swayne LC, (Radiology), 160: 33, 1986

## Gallbladder, neoplasms

- angiographic findings in two carcinoid tumors of the gallbladder, Kitagawa K; Takashima T; Matsui O; et al, (Gastrointest Radiol), 11: 51, 1986
- cholescintigraphy in cholecystic cancer, Nagle CE; Freitas J; Dworkin HJ, (Radiology), **150**: 616, 1984
- cholescintigraphy in gallbladder carcinoma, Colletti PM; Ralls PW; Siegel ME; et al, (Clin Nucl Med), 11: 270, 1986
- differentiation of complicated cholecystitis from gallbladder carcinoma by computed tomography, Smathers RL; Lee JKT; Heiken JP, (AJR), 143: 255, 1984
- mobile intraluminal masses of the gallbladder, Jeanty P; Ammann W; Cooperberg PL; et al, (Radiology), **150**: 298, 1984
- porcelain gallbladder: ultrasound and CT appearance, Kane RA; Jacobs R; Katz J; Costello P, (Radiology), **152**: 137, 1984
- preoperative diagnosis and its effect on the treatment of carcinoma of the gallbladder, Collier NA; Carr D; Hemingway A; et al, (Radiology), 156: 266, 1985
- primary biliary carcinoma: CT evaluation, Thorsen MK; Quiroz F; Lawson TL; Smith DF; Foley WD; Stewart ET, (Radiology), 152: 479, 1984
- (Nationally 1922 by 1944) and computed tomography in the diagnosis of carcinoma of the gallbladder, Weiner SN; Koenigsberg M; Morehouse H; et al, (AJR), 142: 735, 1984

### Gallbladder, obstruction

See Gallbladder, stenosis

## Gallbladder, percutaneous drainage

- antegrade transcholecystic sphincterotomy: canine study of a new interventional technique, Burhenne HJ; Scudamore CH, (Gastrointest Radiol), 11: 73, 1986
- diagnostic and therapeutic percutaneous gallbladder procedures, vanSonnenberg E; Wittich GR; Casola G; Princenthal RA; Hofmann AF; Keightley A; Wing VW, (Radiology), 160: 23, 1986
- diagnostic percutaneous aspiration of the gallbladder, McGahan JP; Walter JP, (Radiology), 155: 619, 1985
- gallstone dissolution with methyl-tert-butyl ether via percutaneous cholecystostomy: success and caveats, vanSonnenberg E; Hofmann AF; Neoptolemus J; et al, (AJR), 146: 865, 1986

- life-threatening vagal reactions associated with percutaneous cholecystostomy, vanSonnenberg E; Wing VW; Pollard JW; Casola G, (Radiology), 151: 377, 1984
- percutaneous cholecystolithotomy: preliminary experience, Kerlan RK Jr; LaBerge JM; Ring EJ, (Radiology), 157: 653,
- percutaneous cholecystostomy in acute cholecystitis and common duct obstruction, Pearse DM; Hawkins IF Jr; Shaver R; Vogel S, (Radiology), 152: 365, 1984
- postcholecystectomy syndrome: evaluation using biliary scintigraphy and endoscopic retrograde cholangiopancreatography, Zeman RK; Burrell MI; Dobbins J; Jaffe MH; Choyke PL, (Radiology), 156: 787, 1985
- ultrasound-guided percutaneous transhepatic cholecystostomy for acute acalculous cholecystitis, Eggermont AM; Lameris JS; Jeekel J, (Radiology), 159: 570, 1986

### Gallbladder, perforation

- acute acalculous cholecystitis: sensitivity in detection using technetium-99m iminodiacetic acid cholescintigraphy, Swayne LC, (Radiology), **160**: 33, 1986
- gallbladder perforation: diagnostic utility of cholescintigraphy in suggested subacute or chronic cases, Smith R; Rosen JM; Alderson PO, (Radiology), 158: 63, 1986
- perforated gallbladder in sonography, Gabriel HJ, (Radiology), 154: 569, 1985
- pericholecystic hepatic activity in cholescintigraphy, Smith R; Rosen JM; Gallo LN; Alderson PO, (Radiology), 156: 797, 1985

## Gallbladder, radiography

- cholelithiasis in the morbidly obese: diagnosis by US and oral cholecystography, Klingensmith WC III; Eckhout GV, (Radiology), **160**: 27, 1986
- common bile duct obstruction: assessment by transcholecystic cholangiography, Teplick SK; Haskin PH; Sammon JK; Clearfield HR; Borowsky LM; Gambescia RA; Zitomer N; Goldstein RC, (Radiology), **161**: 135, 1986
- fatty meal and acalculous gallbladder disease, Caijar B; Towmey B; De Lacey G, (Radiology), **156**: 266, 1985
- gallbladder and biliary system. guide to diagnostic imaging. volume 2, Kovac A; Sanowski RA; Kozarek RA, Reviewed by Griffiths HJ, (Radiology), 151: 314, 1984
- oral cholecystosonography: a method for facilitating the diagnosis of cholesterol gallstones, Lebensart PD; Bloom RA; Meretyk S; Landau EH; Shiloni E, (Radiology), 153: 255, 1984
- radiology of the gallbladder and bile ducts: diagnosis and intervention, Berk RN; Ferrucci JT Jr; Leopold GR, Reviewed by Swirsky MH, (Radiology), 151: 314, 1984
- rational approach to the investigation of the gallbladder, Watson PG; Wild SR, (Br J Radiol), 59: 471, 1986
- ultrasonography versus roentgenography in suspected instances of cholecystolithiasis, Mogensen NB; Madsen M; Stage P; et al, (Radiology), 155: 861, 1985

## Gallbladder, radionuclide studies

- acute acalculous cholecystitis, Fox MS; Wilk PJ; Weissmann HS; et al, (Radiology), **154**: 847, 1985
- acute acalculous cholecystitis: sensitivity in detection using technetium-99m iminodiacetic acid cholescintigraphy, Swayne LC, (Radiology), 160: 33, 1986
- acute gangrenous cholecystitis: radionuclide diagnosis, Brachman MB; Tanasescu DE; Ramanna L; Waxman AD, (Radiology), **151**:
- ceruletide intravenous dose-response study by a simplified scintigraphic technique, Krishnamurthy GT; Turner FE; Mangham D; et al, (AJR), 144: 733, 1985
- cholescintigraphy in acute cholecystitis: use of intravenous morphine, Choy D; Shi EC; McLean RG; Hoschi R; Murray IPC; Ham JM, (Radiology), 151: 203, 1984
- cholescintigraphy in cholecystic cancer, Nagle CE; Freitas J; Dworkin HJ, (Radiology), **150**: 616, 1984

- cholescintigraphy in gallbladder carcinoma, Colletti PM; Ralls PW; Siegel ME; et al, (Clin Nucl Med), 11: 270, 1986
- diagnostic cholescintigraphy, Wilcox DM; Preston DF; Martin NL, (Radiology), 153: 861, 1984
- diagnostic percutaneous aspiration of the gallbladder, McGahan JP; Walter JP, (Radiology), 155: 619, 1985
- effects of fasting and parenteral alimentation on PIPIDA scintigraphy, Potter T; McClain CJ; Shaffer RB, (Radiology), 150:
- gallbladder dynamics induced by a fatty meal in normal subjects and patients with gallstones: concise communication, Bobba VR; Krishnamurthy GT; Kingston E; et al., (Radiology), 153: 574, 1984
- gallbladder function in diabetic patients, Shreiner DP; Sarva RP; Van Thiel D; et al, (J Nucl Med), 27: 357, 1986
- gallbladder perforation: diagnostic utility of cholescintigraphy in suggested subacute or chronic cases, Smith R; Rosen JM; Alderson PO, (Radiology), 158: 63, 1986
- gallbladder simulating renal fracture during technetium-99m glucoheptonate evaluation for renal trauma, Alexieva-Jackson B; Fetters DV; Cole RL; et al, (Clin Nucl Med), 11: 363, 1986
- gallbladder visualization on a technetium-99m MDP bone scan, Lisann NM; Palestro CJ; Novich IS; et al, (Clin Nucl Med), 11: 57,
- "halo" sign on indium-111 leukocyte scan in gangrenous cholecystitis, Bauman JM; Boykin M; Hartshorne MF; et al, (Clin Nucl Med), 11: 136, 1986
- hepatic amebic abscess: cholescintigraphic rim enhancement, Remedios PA; Colletti PM; Ralls PW, (Radiology), **160**: 395, 1986
- hepatobiliary imaging in choledocholithiasis: comparison with ultrasound, Colletti PM; Ralls PW; Lapin SA; et al, (Clin Nucl Med), 11: 482, 1986
- hepatobiliary scintigraphy: nonvisualization of activity in the area of the gallbladder associated with intestinal activity, Lecklitner ML; Growcock G, (Semin Nucl Med), 14: 264, 1984
- hepatobiliary scintigraphy: nonvisualization of activity in the area of the gallbladder associated with intestinal activity, Lecklitner ML; Growcock G, (Semin Nucl Med), 14: 345, 1984
- hepatobiliary scintigraphy of the compartmentalized gallbladder, Kramer EL; Rumancik WM; Harkavy L; et al, (AJR), 145:
- imaging procedures to diagnose gallbladder disease, Bouchier IAD, (Radiology), 154: 554,
- influence of scan and pathologic criteria on the specificity of cholescintigraphy: concise communication, Freitas JE; Coleman RE; Nagle CE; et al, (Radiology), 152: 870, 1984
- low sensitivity of sonography and cholescintigraphy in acalculous cholecystitis, Shuman WP; Rogers JV; Rudd TG; et al. (AJR), 142: 531, 1984
- need for routine delayed radionuclide hepatobiliary imaging in patients with intercurrent disease, Drane WE; Nelp WB; Rudd TG, (Radiology), 151: 763, 1984
- pericholecystic hepatic activity in cholescintigraphy, Smith R; Rosen JM; Gallo LN; Alderson PO, (Radiology), 156: 797, 1985
- postcholecystectomy syndrome: evaluation using biliary scintigraphy and endoscopic retrograde cholangiopancreatography, Zeman RK; Burrell MJ; Dobbins J; Jaffe MH; Choyke PL, (Radiology), 156: 787, 1985 pragmatic review of galibladder imaging, Samuels BI; Freitas JE; Gross MD, (Semin US CT MR), 6: 156, 1985
- radionuclide hepatobiliary imaging and real-time ultrasound in the detection of acute cholecystitis, Shuman WP; Rudd TG; Rogers JY; Stevenson JK; Larson EB, (Radiology), 152: 238, 1984
- radionuclide hepatobiliary imaging and real-time ultrasound in the detection of acute cholecystitis: reply, Samuels BI; Freitas JE; Bree RL; Schwab RE; Heller ST, (Radiology), 152: 238, 1984

- retrohepatic gallbladder diagnosed by sonography and scintigraphy, Greaves F-W; Nguyen KT; Sauerbrei EE, (Radiology), 152: 865, 1984
- rim sign: association with acute cholecystitis, Bushnell DL; Perlman SB; Wilson MA; et al, (J Nucl Med), 27: 353, 1986
- scintigraphic demonstration of a gallbladder anomaly, Singh A; Holmes RA; Witten DM, (AJR), 144: 77, 1985
- simple technique for quantitative cholecystokinin-HIDA scanning, Newman P; Browne MK; Mowat W, (Radiology), 151: 277, 1984
- (Radiology), 151: 217, 1504; strategy for the use of biliary scintigraphy in non-iatrogenic biliary trauma, Zeman RK; Lee CH; Stahl RS; Viscomi GN; Baker C; Cahow CE; Dobbins J; Neumann RD; Burrell MI, (Radiology), 151: 771, 1984
- use of water ingestion to distinguish the gallbladder and duodenum on cholescintigrams, Keller IA; Weissmann HS; Freeman LM, (Radiology), 152: 811, 1984 'water-ida": a simple means to separate
- duodenal from gallbladder activity on cholescintigraphic studies, Wahl RL, (Radiology), **155**: 558, 1985

## Gallbladder, stenosis

- cystic duct occlusion and transcatheter sclerosis of the gallbladder in the rabbit, Getrajdman GI; O'Toole K; Laffey KJ; et al, (Invest Radiol), 21: 400, 1986
- systemic absorption of gallbladder sclerosing agents in the rabbit: preliminary study, Remley KB; Cubberley DA; Watanabe AS; et al, (Invest Radiol), 21: 396,

### Gallbladder, surgery

- incidence of sub-hepatic collections after cholecystectomy, Chatterton BE; Boucaut H; Wilson CG, (Australas Radiol), 30: 30, 1986
- interventional cholelithotomy as an alternative to cholecystectomy with or without the surgeon?, Burhenne HJ, (Invest Radiol), 21: 594, 1986
- normal post-cholecystectomy sonogram: gas vs. clips, Lewandowski BJ; French G; Winsberg F, (J Ultrasound Med), 4: 7, 1985

#### Gallbladder, US studies

- acute cholecystitis occurring as a complication of other diseases, Gately JF; Thomas EJ, (Radiology), 152: 266, 1984
- bile ducts after a fatty meal: further us ducts after a fatty meal: furtner sonographic observations, Simeone JF; Butch RJ; Mueller PR; vanSonnenberg E; Ferrucci JT Jr; Hall DA; Kopans DB; Dawson SL; Wittenberg J; McCarthy K, (Radiology), 154: 763, 1985
- (Natiology), 169, 763, 1793 by US and oral cholecystography, Klingensmith WC III; Eckhout GV, (Radiology), 160: 27, 1986
- (Ratiology), 100. 27, 200 comparison of computed tomography and sonography in choledocholithiasis, Mitchell SE, Clark RA, (AJR), 142: 729, 1984
- computerized method for rapid quantification of gallbladder volume from real-time sonograms, Hopman WPM; Brouwer WFM; Rosenbusch G; Jansen JBMJ; Lamers CBHW, (Radiology), 154: 236, 1985
- contracted gallbladder: finding in hepatic dysfunction, Ferin P; Lerner RM, (Radiology), 154: 769, 1985
- diagnostic percutaneous aspiration of the gallbladder, McGahan JP; Walter JP, (Radiology), 155: 619, 1985
- (Radiology), 135: 619, 1985 differentiation of benign from malignant ascites by sonographic evaluation of gallbladder wall, Tsujimoto F; Miyamoto Y; Tada S, (Radiology), 157: 503, 1985
- dilatation of the cystic veins in portal latation of the cystic veins in portal hypertension: sonographic demonstration, Marchal GJF; Van Holsbeeck M; Tshibwabwa-Tumba E; Goddeeris PG; Fevery J; Oyen RH; Adisoejoso B; Baert AL; Van Steenbergen W, (Radiology), 154: 187,
- effect of examination time of day on the quality of real-time cholesonograms, Hess ML; Cunningham JJ, (AJR), 143: 251,
- gallbladder abnormalities in acute infectious hepatitis: a prospective study, Maudgal DP; Wansbrough-Jones MH; Joseph AEA, (Radiology), 153: 572, 1984
- (Radiology), 153-37., 1994 gallbladder contraction: effects of fatty meals and cholecystokinin, Hopman WPM; Rosenbusch G; Jansen JBMJ; de Jong AJL; Lamers CBHW, (Radiology), 157: 37, 1985

gallbladder size in acute viral hepatitis, Eberle F; Pfeilsticker D; Rettenmaier G, (Radiology), **154**: 568, 1985

gallbladder ultrasonography in clinical context, Durrell CA III; Vincent LM; Mittelstaedt CA, (Semin US CT MR), 5: 315,

gas-containing gallstones: their influence on ultrasound images, Rubaltelli L; Talenti E; Rizzatto G; et al, (Radiology), **154**: 860, 1985

hepatobiliary imaging in choledocholithiasis: comparison with ultrasound, Colletti PM; Ralls PW; Lapin SA; et al, (Clin Nucl Med), 11: 482, 1986

herniation and strangulation of the gallbladder through the foramen of Winslow, Bach DB; Satin R; Palayew M; et al, (AJR), 142: 541, 1984

hyperechoic foci in the gallbladder wall as a sign of microabscess formation or diverticula, Graif M; Horovitz A; Itzchak Y; Strauss S, (Radiology), 152: 781, 1984

imaging procedures to diagnose gallbladder disease, Bouchier IAD, (Radiology), 154: 554,

low sensitivity of sonography and cholescintigraphy in acalculous cholecystitis, Shuman WP; Rogers JV; Rudd TG; et al, (AJR), 142: 531, 1984

normal post-cholecystectomy sonogram: gas vs. clips, Lewandowski BJ; French G; Winsberg F, (J Ultrasound Med), 4: 7, 1985

oral cholecystosonography: a method for facilitating the diagnosis of cholesterol gallstones, Lebensart PD, Bloom RA; Meretyk S; Landau EH; Shiloni E, (Radiology), 153: 255, 1984

perforated gallbladder in sonography, Gabriel HJ, (Radiology), **154**: 569, 1985

porcelain gallbladder: ultrasound and CT

porceian gailbauder: ultrasound and cri appearance, Kane RA; Jacobs R; Katz J; Costello P, (Radiology), 152: 137, 1984 pragmatic review of gallbladder imaging, Samuels BI; Freitas JE; Gross MD, (Semin US CT MR), 6: 156, 1985

radionuclide hepatobiliary imaging and real-time ultrasound in the detection of acute cholecystitis, Shuman WP; Rudd TG; Rogers JV; Stevenson JK; Larson EB, (Radiology), 152: 238, 1984

rational approach to the investigation of the gallbladder, Watson PG; Wild SR, (Br J Radiol), **59**: 471, 1986

real-time sonography in suspected acute cholecysitis: prospective evaluation of primary and secondary signs, Ralls PW; Colletti PW; Lapin SA; Chandrasoma P; Boswell WD Jr; Ngo C; Radin DR; Halls JM, (Radiology), 155: 767, 1985

retrohepatic gallbladder diagnosed by sonography and scintigraphy, Greaves F-W; Nguyen KT; Sauerbrei EE, (Radiology), **152**: 865, 1984

sonographic diagnosis of bicameral gallbladders: report of three cases, Murayama S; Mizushima A; Russell WJ; et al, (J Ultrasound Med), 4: 539,

sonographic examination of gallbladder onographic examination of gallbladder kinetics in childhood—a comparison between healthy children and mucoviscidosis patients, Klingmuller V; Abiodun P; Baumgarten K, (Radiology), **150**: 290, 1984

sonographic features of milk of calcium cholecystitis, Childress MH, (JCU), 14: 312,

sonographic hepatization of the gallbladder: a cause of nonvisualization of the gallbladder by cholecystosonography, Reinig JW; Stanley JH, (Radiology), **154**: 568, 1985

sonographic image of cholesterolosis of the gall bladder, Lammer J; Kann U; Steiner H, (Radiology), **153**: 572, 1984

sonographic measurement of gallbladder volume, Dodds WI; Groh WI; Darweesh RMA; et al. (AJR), 145: 1009, 1985

sonographic patterns of the gallbladder in acute viral hepatitis, Maresca G; De Gaetano AM; Mirk P; et al. (Radiology), **153**: 859, 1984

sonography and computed tomography in the diagnosis of carcinoma of the gallbladder, Weiner SN; Koenigsberg M; Morehouse H; et al, (AJR), 142: 735, 1984

sonography of gallbladder duplication and differential considerations, Goinev RC; Schoenecker SA; Cyr DR; et al, (AJR), 145: 241, 1985

spontaneous resolution of cholelithiasis in infants, Keller MS; Markle BM; Laffey PA; Chawla HS; Jacir N; Frank JL, (Radiology), 157: 345, 1985

ultrasonic detection of calcification in gallstones: "the reverberation shadow", Parulekar SG, (Radiology), 153: 572, 1984

ultrasonography in the diagnosis of acute cholecystitis, Kurol M; Forsberg L, (Radiology), 157: 862, 1985

ultrasonography of choledocholithiasis, Parulekar SG; McNamara MP Jr, (Radiology), 152: 864, 1984

ultrasonography versus roentgenography in suspected instances of cholecystolithiasis, Mogensen NB; Madsen M; Stage P; et al, (Radiology), 155: 861, 1985

ultrasound and radionuclide biliary scanning in acute pediatric abdominal pain, McGahan JP; Phillips HE; Stadalnik RC; et al, (Radiology), **151:** 549,

ultrasound in postoperative acalculous cholecystitis, Becker CD; Burckhardt B; Terrier F, (Gastrointest Radiol), 11: 47, 1986

ultrasound survey of gallstones and other hepatobiliary disorders and in patients with Crohn's disease, Whorwell PA; Hawkins R; Dewbury K, et al. (Radiology), 155: 861, 1985

value of sonographic screening for gallstones in patients with chest pain and normal coronary arteries, Fein AB; Rauch RF II; Bowie JD; et al. (AJR), 146: 337, 1986

V-shaped artifact of the gallbladder wall, Lafortune M; Gariepy G; Dumont A; et al, (AJR), 147: 505, 1986

Gallbladder, volume

sonographic measurement of gallbladder volume, Dodds WJ; Groh WJ; Darweesh RMA; et al, (AJR), **145:** 1009, 1985

Gallbladder, wall thickening

computed tomography of thick-walled gallbladder mimicking pericholecystic fluid, Goldstein RB; Wing VW; Laing FC; et al, (JCAT), 10: 55, 1986

differentiation of benign from malignant ascites by sonographic evaluation of gallbladder wall, Tsujimoto F; Miyamoto Y; Tada S, (Radiology), 157: 503, 1985

hyperechoic foci in the gallbladder wall as a sign of microabscess formation or diverticula, Graif M; Horovitz A; Itzchak Y; Strauss S, (Radiology), 152: 781, 1984

pericholecystic hepatic activity in cholescintigraphy, Smith R; Rosen JM; Gallo LN; Alderson PO, (Radiology), **156**:

varices: cause of focal gallbladder wall thickening, Saigh J; Williams S; Cawley K; et al, (J Ultrasound Med), 4: 371, 1985

Gallium, radioactive

differential uptake of gallium-67-labeled liposomes between tumors and inflammatory lesions in rats, Ogihara I; Kojima S; Jay M, (J Nucl Med), 27: 1300, 1986

diffuse abdominal gallium uptake, Ammann W; Kassen BO, (Semin Nucl Med), 16: 214, 1986

discordance between chest x-ray and gallium scan, Tiu S; Kramer EL; Sanger JJ; et al, (Semin Nucl Med), 14: 149, 1984

Ga-67 uptake in the lung in sarcoidosis, Johnson DG; Johnson SM; Harris CC; Piantadosi CA; Blinder RA; Coleman RE, (Radiology), **150**: 551, 1984

generalized increase in uptake of gallium-67 in bone, Lentle BC; Penney H; Ensslen R, (Semin Nucl Med), 14: 143, 1984

imaging of inflammatory processes with labeled cells, Froelich JW; Swanson D, (Semin Nucl Med), 14: 128, 1984

mechanism of gallium-67 accumulation in tumors, Tsan M-F; Scheffel U, (J Nucl Med), 27: 1215, 1986

pneumocystis carinii pneumonia studied by gallium-67 scanning, Barron TF; Birnbaum NS; Shane LB; Goldsmith SJ; Rosen MJ, (Radiology), 154: 791, 1985

role of gallium-67 in the clinical evaluation of cancer, Bekerman C; Hoffer PB; Bitran JD, (Semin Nucl Med), 14: 296, 1984

(Semin Nucl Med), 14: 296, 1996 subacute and chronic bone infections: diagnosis using In-111, Ga-67 and Tc-99m MDP bone scintigraphy, and radiography, Al-Sheikh W; Sfakianakis GN; Mnaymneh W; Hourani M; Heal A; Duncan RC; Burnett A; Ashkar FS; Serafini AN, (Radiology), 155: 501, 1985

symmetrical focal chest uptake in gallium-67 scintigraphy, Wu S-Y; Brown T; Lyons KP, (Semin Nucl Med), 14: 146, 1984

Gallstones

See Gallbladder, calculi

Gamma globulins

computed tomography findings in a case of hypogammaglobulinemia, Norton KI; Som PM, (CT), 10: 41, 1986

hyperimmunoglobulinemia E syndrome: association with osteoporosis and recurrent fractures, Kirchner SG; Sivit CJ; Wright PF, (Radiology), 156: 362, 1985

Ganglion

high-field MR surface-coil imaging of the hand and wrist. part II. pathologic correlations and clinical relevance, Weiss KL; Beltran J; Lubbers LM, (Radiology), 160: 147, 1986

Ganglioneuroma

computed tomography of intracranial gangliogliomas, Dorne HL; O'Gorman AM; Melanson D, (AJNR), 7: 281, 1986

meed for arteriography in diabetic patients with gangrene and palpable foot pulses, Andros G; Harris RW; Dulawa LB; et al, (Radiology), **156**: 269, 1985

pulmonary gangrene as a complication of mucormycosis, Zagoria RJ; Choplin RH; Karstaedt N, (AJR), 144: 1195, 1985

Gastric bypass

See Stomach, surgery

Gastric ulcer

See Peptic ulcer

Gastritis

childhood Menetrier's disease: four new cases and discussion of the literature, Baker A; Volberg F; Sumner T; et al, (Gastrointest Radiol), 11: 131, 1986

chronic erosive gastritis—clinical and radiological features, McLean AM; Paul RE Jr; Philipps E; et al, (Radiology), 150: 854, 1984

chronic erosive gastritis resulting in cachexia, McLean AM; Paul RE Jr; Philipps E; et al, (Radiology), **150**: 288, 1984

computed tomography of emphysematous gastritis, de Lange EE; Slutsky VS; Swanson S; et al, (JCAT), 10: 139, 1986

cytomegalovirus esophagitis and gastritis in AIDS, Balthazar EJ; Megibow AJ; Hulnick DH, (AJR), 144: 1201, 1985

detection of gastritis by <sup>9m</sup>Tc-labeled red-blood-cell scintigraphy, Wilton GP; Wahl RL; Juni JE; et al, (AJR), **143**: 759, 1984

esophagogastric polyps: radiographic and endoscopic findings, Styles RA; Gibb SP; Tarshis A; Silverman ML; Scholz FJ, (Radiology), 154: 307, 1985

gastric gallium-67 uptake in gastritis, Yeh E-L; Tisdale PL; Zielonka JS, (Radiology), 153: 282, 1984

gastric polyps: radiological evaluation and clinical significance, Feczko PJ; Halpert RD; Ackerman LV, (Radiology), 155: 581, 1985

gelfoam powder embolization of the left gastric artery in treatment of massive small-vessel gastric bleeding, Rosch J; Keller F5; Kozak B; Niles N; Dotter CT, (Radiology), 151: 365, 1984

Menetrier's disease in childhood associated with cytomegalovirus infection: case report and review of the literature, Coad NAG; Shah KJ, (Br J Radiol), 59: 615, 1986

radiologic findings of linear gastric erosions, Momoshima S; Imai Y; Sugino Y; et al, (AJR), 147: 701, 1986

serpiginous gastric erosions caused by aspirin and other nonsteroidal antiinflammatory drugs, Levine MS; Verstandig A; Laufer I, (AJR), 146: 31, 1986

Gastroesophageal reflux See Esophagus, reflux

#### Gastrointestinal tract

- See also Stomach; Duodenum; Colon; Intestines; etc.
- complete remission in Cronkhite-Canada syndrome, Russell DM; Bhathal PS; St. John DJB, (Radiology), **151**: 544, 1984
- radiologic exploration of the gastrointestinal tract: an interdisciplinary enterprise, Brooks FP, (Radiographics), 6: 160, 1986
- selection criteria for upper gastrointestinal examinations: attempts at improvement, McNeil BJ; Wijesinha A; Bynum TE; Greenes RA; Berenberg A; Van Houten FX; Ratnofsky S; Millan D; Abrams HL, (Radiology), 150: 311, 1984

## Gastrointestinal tract, abnormalities

- "communicating" bronchopulmonary foregut malformations, Leithiser RE Jr; Capitanio MA; Macpherson RI; et al, (AJR), 146: 227, 1986
- gastrointestinal complications of gastroschisis, Blane CE; Wesley JR; DiPietro MA; et al, (AJR), 144: 589, 1985
- multifocal abnormalities of the gastrointestinal tract in AIDS, Wall SD; Ominsky S; Altman DF; et al, (AJR), 146: 1, 1986
- multiple enteric duplications in an infant, Egelhoff JC; Bisset GS III; Strife JL, (Pediatr Radiol), **16**: 160, 1986

## Gastrointestinal tract, angiography

- angiographic treatment of gastrointestinal hemorrhage: comparison of vasopressin infusion and embolization, Gomes AS; Lois JF; McCoy RD, (AJR), 146: 1031, 1986
- intraarterial digital subtraction angiography in the diagnosis and treatment of gastrointestinal disorders, Ariyama J; Shimaguchi S; Suyama M; et al, (Gastrointest Radiol), 11: 177, 1986

#### Gastrointestinal tract, CT

- computed tomography and ultrasonography of carcinoma in duplication cysts, Rice CA; Anderson TM; Sepahdari S, (JCAT), 10: 233, 1986
- computed tomography findings in gastrointestinal involvement by opportunistic organisms in acquired immune deficiency syndrome, Greyson-Fleg RT; Jones B; Fishman EK; et al. (CT), 10: 175, 1986
- cryptosporidiosis of the gastric antrum: detection using CT, Soulen MC; Fishman EK; Scatarige JC; Hutchins D; Zerhouni EA, (Radiology), 159: 705, 1986
- E-Z-CAT. an oral contrast medium for use in computed tomography of the abdomen, Nyman U; Dinnetz G; Andersson I, (Radiology), **154**: 567, 1985
- gastrointestinal tract focal mass lesions: role of CT and barium evaluations, Coscina WF; Arger PH; Levine MS; Herlinger H; Cohen S; Coleman BG; Mintz MC, (Radiology), 158: 581, 1986
- (Radiology), 1985-981, 1986 utility of ceruletide in promoting intestinal opacification for abdominal and pelvic computed tomography, Demas BE; McCarthy 5M; Moss AA; et al, (Gastrointest Radiol), 11: 197, 1986

## Gastrointestinal tract, diseases

- amyloidosis and plasma cell dyscrasias: gastrointestinal involvement, Carlson HC; Breen JF, (Semin Roentgenol), 21: 128, 1986
- preen JF, (Semin Roentgenol), 21: 128, 1986 computed tomography findings in gastrointestinal involvement by opportunistic organisms in acquired immune deficiency syndrome, Greyson-Fleg RT; Jones B; Fishman EK; et al, (CT), 10: 175, 1986
- developing an integrated natural language database for gastrointestinal disease, Feczko PJ; Ackerman LV; Halpert RD; et al, (Radiology), 156: 565, 1985
- erosive arthritis in Cronkhite-Canada syndrome, Sanders KM; Resnik CS; Owen DS, (Radiology), **156**: 309, 1985
- gastrointestinal complications of AIDS: radiologic features, Frager DH; Frager JD; Brandt LJ; Wolf EL; Rand LG; Klein RS; Beneventano TC, (Radiology), **158**: 597, 1986
- gastrointestinal complications of leukemia and its treatment, Hunter TB; Bjelland JC, (AJR), 142: 513, 1984
- plain abdominal radiograph in acute gastrointestinal graft-vs.-host disease, Maile CW; Frick MP; Crass JR; et al, (AJR), 145: 289, 1985

- radiological atlas of gastrointestinal disease, Nolan DJ, Reviewed by Evers KA, (Radiology), 153: 328, 1984
- sonographic detection of small intestinal subserosal lymphofollicular hyperplasia, Murayama S; Haruta R, (J Ultrasound Med), 5: 217, 1986
- thoracic findings in gastrointestinal pathology, Gedgaudas-McClees RK; Torres WE; Colvin RS; et al, (Radiol Clin North Am), 22: 563, 1984

## Gastrointestinal tract, endoscopy

#### See Endoscopy

### Gastrointestinal tract, function

coordinated motor activity of the human gastroduodenal region, King PM; Heading RC; Pryde A, (Radiology), **156**: 570, 1985

#### Gastrointestinal tract, hemorrhage

- abdominal blood pool scintigraphy in the management of acute intermittent gastrointestinal bleeding, Kalff V: Kelly MJ; Dudley F; et al, (Radiology), 152: 270, 1984
- abnormal pelvic venous collaterals demonstrated during a gastrointestinal bleeding study, Krasicky GA; Froelich JW; Shetty PC, (Clin Nucl Med), 11: 595, 1986
- aneurysm of the proper hepatic artery as a rare source of upper gastrointestinal bleeding, Hugel HE, Oser W; Bodner E, (Gastrointest Radiol), 11: 158, 1986
- angiographic treatment of gastrointestinal hemorrhage: comparison of vasopressin infusion and embolization, Gomes AS; Lois JF; McCoy RD, (AJR), 146: 1031, 1986
- angiography in gastrointestinal bleeding in children, Meyerovitz MF; Fellows KE, (AJR), 143: 837, 1984
- appearance of a large mesenteric varix on a technetium-99m red blood cell gastrointestinal bleeding study, Mountz JM; Ripley SD; Gross MD; et al, (Clin Nucl Med), 11: 229, 1986
- enteroclysis in the diagnosis of chronic unexplained gastrointestinal bleeding, Maglinte DDT; Elmore MF; Chernish SM, (Radiology), 157: 565, 1985
- gastric hemorrhage complicating percutaneous transgastric jejunostomy, Rose DB; Wolman SL; Ho C-S, (Radiology), **161**: 835, 1986
- gastrointestinal hemorrhage associated with chronic mesenteric venous occlusion, Soper NJ; Rikkers LF; Miller FJ, (Radiology), 158: 858, 1986
- hemosuccus pancreaticus: CT manifestations, Yoshikai T; Murakami J; Nishihara H; et al, (JCAT), 10: 510, 1986
- interventional angiography in the diagnosis of acute lower gastrointestinal bleeding, Rosch J; Kozak BE; Keller FS; et al, (Eur J Radiol), 6: 136, 1986
- hemorrhage. experience with red blood cells labeled in vitro with technetium Tc 99m, Orecchia PM; Hensley EK; McDonald PT; et al, (Radiology), 157: 864, 1985
- pitfalls of gastrointestinal bleeding studies with <sup>99m</sup>Tc-labeled RBCs, Lecklitner ML; Hughes JJ, (Semin Nucl Med), 16: 151, 1986
- pitfalls of gastrointestinal bleeding studies with <sup>99m</sup>Tc sulfur-colloid, Lecklitner ML, (Semin Nucl Med), **16**: 155, 1986
- precise intraoperative location of gastrointestinal bleeding with a hand-held counter: work in progress, Williamson MR; Boyd CM; McGuire EL; Angtuaco TL; Westbrook KC; Lang NP; Alston J; Broadwater JR; Navab F; Bersey ML, (Radiology), 159: 272, 1986
- radionuclide detection of lower gastrointestinal bleeding sites, Winn M; Weissmann HS; Sprayregen S; et al, (Radiology), 151: 835, 1984
- recurrent gastrointestinal bleeding in a child with portal hypertension, Kerlan RK Jr; Pogany AC; Ring EJ, (AJR), 143: 327, 1984
- scintigraphy of gastrointestinal hemorrhage: superiority of 99m-Tc red blood cells over 99m-Tc sulfur colloid, Bunker SR; Lull RJ; Tanasescu DE; et al, (AJR), 143: 543, 1984
- serendipity in scintigraphic gastrointestinal bleeding studies, Goergen TG, (Radiology), 151: 835, 1984

## Gastrointestinal tract, inflammation

- computed tomography of gastrointestinal inflammation after bone marrow transplantation, Jones B; Fishman EK; Kramer SS; et al, (AJR), 146: 691, 1986
- Gastroduodenal inflammation in patients with non-ulcer dyspepsia: controlled endoscopic and morphometric study, Toukan AU; Kamal MF; Amr SS; et al, (Radiology), 157: 280, 1985
- sonography case of the day, Feinberg SB; Crass JR; Kirkham J, (AJR), 144: 1303, 1985

## Gastrointestinal tract, motility

abnormalities of interdigestive motility complex and increased duodenogastric reflux in gastric ulcer patients, Miranda M; Defilippi CD; Valenzuela JE, (Radiology), 156: 265, 1985

### Gastrointestinal tract, neoplasms

- adjuvant irradiation of gastrointestinal malignancies: impact on local control and tumor cure, Tepper JE, (Int J Radiat Oncol Biol Phys), 12: 667, 1986
- association of hypertrophic osteoarthropathy with gastrointestinal polyposis, Simpson EL; Dalinka MK, (AJR), **144:** 983, 1985
- computed tomography and ultrasonography of carcinoma in duplication cysts, Rice CA; Anderson TM; Sepahdari S, (JCAT), 10: 233, 1986
- CT evaluation of gastrointestinal leiomyomas and leiomyosarcomas, Megibow AJ; Balthazar EJ; Hulnick DH; et al, (AJR), 144: 727, 1982
- diffuse lymphomatous polyposis of the gastrointestinal tract. case report with immunohistochemical studies, Fernandes BJ; Amato D; Goldfinger M, (Radiology), 158: 568, 1986
- ectopic gastrinoma and Zollinger-Ellison syndrome, Bhagavan BS; Slavin RE; Goldbert J; et al, (Radiology), **161**: 858, 1986
- gastrointestinal lymphoma: role of CT in diagnosis and management, Megibow AJ, (Semin US CT MR), 7: 43, 1986
- gastrointestinal lymphoma with total involvement of the gut, Aspestrand F; Melsom M, (Radiology), **156**: 265, 1985
- gastrointestinal tract focal mass lesions: role of CT and barium evaluations, Coscina WF; Arger PH; Levine MS; Herlinger H; Cohen S; Coleman BG; Mintz MC, (Radiology), 158: 581, 1986
- les cancers du colon, du rectum et de l'anus (cancer of the colon, rectum, and anus), Pujol H; Solassol C; DuBois JB; Joyeux H, Reviewed by Oestreich AE, (Radiology), 152: 182. 1984
- local control and survival in locally advanced gastrointestinal cancer, Gunderson LL; Martin JK; O'Connell MJ; et al, (Int J Radiat Oncol Biol Phys), 12: 661, 1986
- response of gastric lymphoma to chemotherapy: radiographic appearance, Fox ER; Laufer I; Levine MS, (AJR), 142: 711, 1984

## Gastrointestinal tract, perforation

gastric hemorrhage complicating percutaneous transgastric jejunostomy, Rose DB; Wolman SL; Ho C-S, (Radiology), 161: 835, 1986

## Gastrointestinal tract, radiography

- alimentary tract radiology. volumes I and II, 3d ed., Margulis AR; Burhenne HJ, eds, Reviewed by Gudex D, (Radiology), **151**: 310, 1984
- barium suspension formulation for use with the bubbly barium method, DeLange EE; Shaffer HA, (Radiology), **154**: 825, 1985
- comparison of pumps used for enteroclysis, Maglinte DDT; Miller RE, (Radiology), 152: 815, 1984
- comparison of two effervescent agents for double-contrast upper gastrointestinal tract radiography, Agha FP, Trenkner SW; Woolsey EJ; Hayes D, (Radiology), 157: 533, 1985
- experimental evaluation of various available contrast agents for use in the upper gastrointestinal tract in cases of suspected leakage. effects on lungs, Ginai AZ; ten Kate FJW; ten Berg RGM; et al. (Radiology), 155: 849, 1985

## Gastrointestinal tract, radiography

- gastrointestinal fluoroscopy: patient dose and methods for its reduction, Leibovic SJ; Caldicott WJH, (Radiology), **152**: 250, 1984
- gastrointestinal tract focal mass lesions: role of CT and barium evaluations, Coscina WF; Arger PH; Levine MS; Herlinger H; Cohen S; Coleman BG; Mintz MC, (Radiology), **158**: 581, 1986
- hydrophilic-lipophilic balance as predictor of mucus coating with barium sulfate, Salomonowitz E; Frick MP; Morin RL; et al, (Gastrointest Radiol), 11: 93, 1986
- hypersensitivity reactions after barium studies of the upper and lower gastrointestinal tract, Janower ML, (Radiology), 161: 139, 1986
- intestinal anisakiasis: clinical and radiologic features, Matsui T; Iida M; Murakami M; Kimura Y; Fujishima M; Yao Y; Tsuji M, (Radiology), 157: 299, 1985
- mucus and barium workshop, New York, October 1983, (Radiology), (Radiology), **155**: 850, 1985
- optimal double-contrast visualization of the posteriorly directed duodenal bulb, Bloom SM; Philipps E; Paul RE Jr, (Radiology), 161: 549, 1986
- radiographic efficacy in gastric ulcer: comparison of single-contrast and multiphasic examinations, Ott DJ; Chen YM; Gelfand DW; et al, (AJR), 147: 697, 1986
- radiologic and histologic differentiation of neuromuscular disorders of the gastrointestinal tract: visceral myopathies, visceral neuropathies, and progressive systemic sclerosis, Rohrmann CA Jr; Ricci MT; Krishnamurthy S; et al, (AJR), 143:
- radiology of the angelchik prosthesis of gastroesophageal reflux, Burhenne LJW; Fratkin LB; Flak B; et al, (AJR), **142:** 507, 1984
- stomach and duodenum: radiographic magnification using computed radiography (CR), Nakano Y; Togashi K; Nishimura K; Itoh K; Fujisawa I; Asato R; Adachi H; Itoh H; Torizuka K, (Radiology), 160: 383,

### Gastrointestinal tract, radionuclide studies

- abdominal blood pool scintigraphy in the management of acute intermittent gastrointestinal bleeding, Kalff V; Kelly MJ; Dudley F; et al, (Radiology), 152: 270, 1984
- appearance of a large mesenteric varix on a technetium-99m red blood cell gastrointestinal bleeding study, Mountz JM; Ripley SD; Gross MD; et al, (Clin Nucl Med), 11: 229, 1986
- gastrointestinal tract radionuclide activity on In-111 labeled leukocyte imaging: clinical significance in patients with fever of unknown origin, Datz FL; Thorne DA, (Radiology), **160**: 635, 1986
- localization of lower gastrointestinal hemorrhage. experience with red blood cells labeled in vitro with technetium Tc 99m, Orecchia PM; Hensley EK; McDonald PT; et al, (Radiology), 157: 864,
- morbid obesity treated by gastroplasty: radionuclide gastric emptying studies, Drane WE, (Radiology), 159: 816, 1986
- morbid obesity treated by gastroplasty: radionuclide gastric emptying studies: reply, Arnstein NB; Shapiro B, (Radiology), 159:
- pelvic radionuclide angiography in the diagnosis of gastrointestinal bleeding, Wahl RL; Lee ME, (Radiology), **151**: 793,
- pitfalls of gastrointestinal bleeding studies with <sup>99m</sup>Tc-labeled RBCs, Lecklitner ML; Hughes JJ, (Semin Nucl Med), **16**: 151, 1986
- pitfalls of gastrointestinal bleeding studies with <sup>99m</sup>Tc sulfur-colloid, Lecklitner ML, (Semin Nucl Med), **16**: 155, 1986
- precise intraoperative location of gastrointestinal bleeding with a hand-held counter: work in progress, Williamson MR; Boyd CM; McGuire EL; Angtuaco TL; Westbrook KC; Lang NP; Alston J; Broadwater JR; Navab F; Bersey ML, (Radiology), 159: 272, 1986

- radionuclide detection of lower gastrointestinal bleeding sites, Winn M; Weissmann HS; Sprayregen S; et al, (Radiology), 151: 835, 1984
- radionuclide gastric emptying studies in morbid obesity treated with gastroplasty, Arnstein NB, Shapiro B, Eckhauser FE; Dmuchowski CF; Knol JA; Strodel WE; Nakajo M; Swanson DP, (Radiology), 156:
- scintigraphy of gastrointestinal hemorrhage: superiority of 99m-Tc red blood cells over 99m-Tc sulfur colloid, Bunker SR; Lull RJ; Tanasescu DE; et al, (AJR), 143: 543, 1984
- serendipity in scintigraphic gastrointestinal bleeding studies, Goergen TG, (Radiology), 151: 835, 1984

### Gastrointestinal tract, surgery

- Angelchik anti-reflux device: radiographic appearance of complications, Curtis DJ; Benjamin SB; Kerr R; Castell DO, (Radiology), **151**: 311, 1984
- precise intraoperative location of gastrointestinal bleeding with a hand-held counter: work in progress, Williamson MR; Boyd CM; McGuire EL; Angtuaco TL; Westbrook KC; Lang NP; Alston J; Broadwater JR; Navab F; Bersey ML, (Radiology), 159: 272, 1986

#### Gastrointestinal tract, therapeutic radiology

- adjuvant irradiation of gastrointestinal malignancies: impact on local control and tumor cure, Tepper JE, (Int J Radiat Oncol Biol Phys), 12: 667, 1986
- local control and survival in locally advanced gastrointestinal cancer, Gunderson LL; Martin JK; O'Connell MJ; et al, (Int J Radiat Oncol Biol Phys), 12: 661, 1986

#### Gastrointestinal tract, US studies

- computed tomography and ultrasonography of carcinoma in duplication cysts, Rice CA; Anderson TM; Sepahdari S, (JCAT), 10: 233, 1986
- endosonography with a gastrofiberscope, Strohm WD; Classen M, (Radiology), 154: 568, 1985
- transrectal US as an adjunct in the diagnosis of rectal and extrarectal tumors, Rifkin MD; Marks GJ, (Radiology), **157**: **499**, 1985
- ultrasound scanning of the gastrointestinal tract in children: subject review, Miller JH; Kemberling CR, (Radiology), **152**: 671, 1984

## Gastroplasty

## See Stomach, surgery

## Gastrostomy

- controlled percutaneous gastrostomy: nylon T-fastener for fixation of the anterior gastric wall, Brown AS; Mueller PR; Ferrucci JT Jr, (Radiology), 158: 543, 1986
- controlled percutaneous gastrostomy: nylon T-fastener for fixation of the anterior gastric wall, Wills JS; Oglesby JT, (Radiology), **160**:
- controlled percutaneous gastrostomy: nylon T-fastener for fixation of the anterior gastric wall: reply, Brown A5; Mueller PR, (Radiology), 160: 278, 1986
- percutaneous gastrostomy and gastroenterostomy: 1. techniques derived from laboratory evaluation, vanSonnenberg E; Wittich GR; Brown LK; et al. (AJR), 146: 577, 1986
- percutaneous gastrostomy and gastroenterostomy: 2. clinical experience, vanSonnenberg E; Wittich GR; Cabrera OA; et al, (AJR), 146: 581, 1986
- percutaneous gastrostomy: applications in gastric carcinoma and gastroplasty stoma dilatation, Wills JS, (AJR), 147: 826, 1986
- percutaneous gastrostomy for enteral feeding, Ho CS; Gray RR; Goldfinger M; Rosen IE; McPherson R, (Radiology), **156**: 349, 1985
- percutaneous gastrostomy for jejunal feeding: new technique, Alzate GD; Coons HG; Elliott J; et al, (AJR), **147**: 822, 1986
- percutaneous gastrostomy: further experience, Wills JS; Oglesby JT, (Radiology), **154**: 71,
- percutaneous gastrostomy in a child, Keller MS; Lai S; Wagner DK, (Radiology), 160: 261, 1986

- percutaneous gastrostomy: use of intragastric balloon support, vanSonnenberg E; Cubberley DA; Brown LK; Wittich GR; Lyon JW; Stauffer AE, (Radiology), **152**: 531, 1984
- radiologic demonstration of important gastrostomy tube complications, Wolf EL; Frager D; Beneventano TC, (Gastrointest Radiol), 11: 20, 1986

## Gaucher disease

- case report 387, Tabas JH; Daffner RH; Hartsock RJ; et al, (Skeletal Radiol), 15: 499,
- enlarged phalangeal nutrient foramina in Gaucher disease and  $\beta$ -thalassemia major, Fink IJ; Pastakia B; Barranger JA, (AJR), 143:
- Gaucher disease: assessment with MR imaging, Lanir A; Hadar H; Cohen I; Tal Y; Benmair J; Schreiber R; Clouse ME, (Radiology), 161: 239, 1986
- (Radiology), 10125, 106 Gaucher disease: sonographic appearance of the spleen, Hill SC; Reinig JW; Barranger JA; Fink J; Shawker TH, (Radiology), 160: 631, 1986
- Kummell disease: delayed collapse of the traumatised spine in a patient with Gaucher type 1 disease, Hermann G; Goldblatt J; Desnick RJ, (Radiology), 155: 851, 1985

#### Gelatin foam

- enant roam embolism detection and prevention using scintigraphy during therapeutic arterial blockade, Seo HS; Surui S; Kokubo T; Yashiro N; Nishikawa J; Itai Y; Iio M, (Radiology), 157: 815, 1985
- embolotherapy in vascular disease White RI Jr, (AJR), 142: 27, 1984
- gelfoam powder embolization of the left gastric artery in treatment of massive small-vessel gastric bleeding, Rosch J; Keller FS; Kozak B; Niles N; Dotter CT, (Radiology),
- preparation of gelfoam particles using an orthopedic rasp, Guinto FC Jr, (Radiology), 153: 260, 1984
- versatile permanent planar implant technique utilizing iodine-125 seeds imbedded in Gelfoam, Marchese MJ; Nori D; Anderson LL; et al. (Radiology), 155: 287, 1985

Genitourinary system
radiographic atlas of the genitourinary system.
2d ed. 2 vols., Ney D; Friedenberg RM,
Reviewed by Katzberg RW, (Radiology), 153:
302, 1984

## Genitourinary system, abnormalities

- detection of occult colovesical fistula by the Bourne test, Amendola MA; Agha FP; Dent TL; et al, (AJR), **142**: 715, 1984
- genitourinary anomalies: radiologic-anatomic correlations, Kenney PJ; Spirt BA; Leeson MD, (Radiographics), 4: 233, 1984
- infundibulopelvic stenosis in children, Lucaya J: Enriquez G; Delgado R; et al, (AJR), 142: 471, 1984 Mayer-Rokitansky-Kuster-Hauser syndrome: sonographic aid to diagnosis, Swayne LC; Rubenstein JB; Mitchell B, (J Ultrasound Med), 5: 287, 1986
- Mayer-Rokitansky-Kuster-Hauser syndrome: US aid to diagnosis, Rosenberg HK; Sherman NH; Tarry WF; Duckett JW; Snyder HM, (Radiology), **161**: 815, 1986
- sonographic diagnosis and classification of anomalies of the female genital tract, Malini S; Valdes C; Malinak LR, (Radiology), 155: 557, 1985
- urinary tract dilatation in utero: classification and clinical applications, Grignon A; Filion R; Filiatrault D; Robitaille P; Homsy Y; Boutin H; Leblond R, (Radiology), 160: 645, 1986
- urinary tract infections in childhood: current imaging approach, Hayden CK Jr; Swischuk LE; Fawcett HD; Rytting JE; McCord G, (Radiographics), 6: 1023, 1986

## Genitourinary system, calculi

- computed tomographic analysis of renal calculi, Hillman BJ; Drach GW; Tracey P; et al, (AJR), 142: 549, 1984
- computed tomographic analysis of urinary calculi, Newhouse JH; Prien EL; Amis ES Jr; et al, (AJR), 142: 545, 1984 determination of the chemical composition of
- urinary calculi by computerized tomography, Mitcheson HD; Zamenhof RG; Bankoff MS; et al, (Radiology), 152: 561,

- extracorporeal shock-wave lithotripsy (ESWL) for treatment of urolithiasis, Chaussy C; Schmiedt E; Jocham D; et al, (Radiology), 154: 273, 1985
- milk-of-calcium hydronephrosis in patients with paraplegia and urinary-enteric diversion: CT demonstration, Sussman SK, Goldberg RP; Griscom NT, (JCAT), 10: 257, 1986
- percutaneous ultrasonic lithotripsy: choice of irrigant, Shlitz RE; Hanno PM; Wein AJ; et al, (Radiology), **152**: 552, 1984

#### Genitourinary system, CT

lower urinary tract computed tomography, Arger PH; Coleman BG; Mintz MC, (Semin US CT MR), 7: 287, 1986

### Genitourinary system, diseases

- diagnosis of genitourinary disease, Resnick MI; Older RA, eds, Reviewed by Newhouse JH, (Radiology), **151**: 392, 1984
- In-111 labeled leukocytes: review of problems in image interpretation, McAfee JG; Samin A, (Radiology), 155: 221, 1985

## Genitourinary system, hemorrhage

- computed tomography demonstration of traumatic suburothelial hemorrhage, Mirich D; Raval B, (CT), 10: 71, 1986
- renal bleeding: scintigraphic detection in a canine model, Goodman K; Atkins H; Waltzer W; Frischer Z; Bohus R, (Radiology), 155: 797, 1985
- submucosal hematomas of the urinary excretory tract. report of three cases, Montely I; Plainfosse MC, (Radiology), 151: 819, 1984

### Genitourinary system, infection

- localization of urinary tract infection with 99mTc glucoheptonate scintigraphy, Traisman ES; Conway JJ; Traisman HS; et al, (Pediatr Radiol), 16: 403, 1986
- options in the evaluation of pediatric urinary tract infections: role of radiography and ultrasound, Mason WG Jr; Stevens PS, (Semin US CT MR), 7: 234, 1986
- renal sonography in the differentiation of upper from lower urinary tract infection, Dinkel E; Orth S; Dittrich M; et al, (AJR), 146: 775, 1986
- role of excretory urography in the evaluation of girls with urinary tract infection, Redman JF; Seibert JJ, (Radiology), 156: 275,
- sonographic evaluation of urinary tract infections in children, Ben-Ami T, (Semin US CT MR), 5: 19, 1984
- sonography as a substitute for excretory urography in children with urinary tract infection, Leonidas JC; McCauley RGK; Klauber GC; et al, (AJR), 144: 815, 1985
- ultrasonographical aspects of urinary schistosomiasis: assessment of morphological lesions in the upper and lower urinary tract, Dittrich M; Doehring E, (Pediatr Radiol), 16: 225, 1986
- ultrasonography of the complicated duplex kidney: further observations, Wyly JB; Resende CMC; Teele RL, (Semin US CT MR), 5: 35, 1984
- unnecessary intravenous urography in young women with recurrent urinary tract infections, DeLange HE; Jones B, (Radiology), 151: 545, 1984
- urinary tract infection in boys, Burbige KA; Retik AB; Colodny AH; et al, (Radiology), 155: 857, 1985
- urinary tract infection in children: a reappraisal of its radiologic investigation, Nicolet V; Grignon A; Perreault G; et al, (Radiology), **155**: 856, 1985
- urinary tract infection in infants and children evaluated by ultrasound, Kangarloo H; Gold RH; Fine RN; Diament MJ; Boechat MJ, (Radiology), **154**: 367, 1985
- urinary tract infections in childhood: current imaging approach, Hayden CK Jr; Swischuk LE; Fawcett HD; Rytting JE; McCord G, (Radiographics), 6: 1023, 1986
- value of ultrasonography as a screening procedure in a first-documented urinary tract infection in children, Jequier S; Forbes PA; Nogrady MB, (J Ultrasound Med), 4: 393, 1985
- voiding cystourethrography: initial radiologic study in children with urinary tract infections, Blickman JG; Taylor GA; Lebowitz RL, (Radiology), 156: 659, 1985

#### Genitourinary system, injuries

computed tomography demonstration of traumatic suburothelial hemorrhage, Mirich D; Raval B, (CT), 10: 71, 1986

## Genitourinary system, MR studies

- magnetic resonance imaging and its application in urology, Hricak H; Williams RD, (Radiology), 154: 281, 1985
- MR effect on murine spermatogenesis, Withers HR; Mason KA; Davis CA, (Radiology), 156: 741, 1985

#### Genitourinary system, neoplasms

- efficacy of the excretory urogram in the staging of gynecologic malignancies, Hillman BJ; Clark RL; Babbitt G, (AJR), 143: 997, 1984
- experience with modified Chiba needle in staging of genitourinary tumors, Luciani L; Piscioli F, (Radiology), 158: 569, 1986

### Genitourinary system, prostheses

- artificial urinary sphincters in children: radiographic evaluation, Taylor GA; Lebowitz RL, (Radiology), 155: 91, 1985
- removal of an entangled monofilament with a Chiba needle, Hawkins IF Jr; Caridi JG, (Radiology), **151**: 529, 1984

## Genitourinary system, radiography

- interventional genitourinary radiology in children: review of 61 procedures, Ball WS Jr; Towbin RB; Strife JL; et al, (AJR), 147: 791, 1986
- options in the evaluation of pediatric urinary tract infections: role of radiography and ultrasound, Mason WG Jr; Stevens PS, (Semin US CT MR), 7: 234, 1986
- radiology of urinary diversions, Banner MP; Pollack HM; Bonavita JA; Ellis PS, (Radiographics), 4: 885, 1984
- urinary tract infections in childhood: current imaging approach, Hayden CK Jr; Swischuk LE: Fawcett HD; Rytting JE; McCord G, (Radiographics), 6: 1023, 1986
- useful device for radiology of the female urinary outflow tract, Crawford AJ; Plant GR; Walker J, (Radiology), 155: 851, 1985
- video urodynamic studies and clinical outcome, Barton EJ; Sherwood T, (Radiology), **152**: 550, 1984

#### Genitourinary system, radionuclide studies

- diuretic radionuclide renography to evaluate suspected ureteral obstruction on bone scans, Bedont R; Cook P; Taylor A Jr; Raabe R, (Radiology), 153: 825, 1984
- evaluation of obstructive uropathy in children: radionuclide renography vs. the Whitaker test, Senac MO Jr; Miller JH; Stanley P, (AJR), 143: 11, 1984
- localization of urinary tract infection with <sup>99m</sup>Tc glucoheptonate scintigraphy, Traisman ES; Conway JJ; Traisman HS; et al, (Pediatr Radiol), **16**: 403, 1986
- radionuclide scanning—new applications in urology, Kramer EL; Sanger JJ, (Radiology), 154: 284, 1985
- urinary tract infections in childhood: current imaging approach, Hayden CK Jr; Swischuk LE: Fawcett HD; Rytting JE; McCord G, (Radiographics), 6: 1023, 1986

#### Genitourinary system, schistosomiasis See Schistosomiasis

## Genitourinary system, stenosis or obstruction

- acquired ureteropelvic junction obstruction in childhood, Cleveland RH; Kushner DC; Herman TE; et al, (Pediatr Radiol), **16**: 76, 1986
- coexistence of obstruction and reflux in children, Lebowitz RL, (Radiology), **157**: 853, 1985
- diagnosis of upper urinary tract obstruction in children: comparison of diuresis renography and pressure flow studies, Gonzalez R; Chiou RK, (Radiology), **156**: 566, 1985
- diuretic radionuclide renography to evaluate suspected ureteral obstruction on bone scans, Bedont R; Cook P; Taylor A Jr; Raabe R, (Radiology), 153: 825, 1984
- Druy ureteral stent set: clinical experience in 25 patients, Rozenblit G; Tarasov E; Srur MF; Neithamer CD Jr; Sumers EH; Sos TA, (Radiology), 160: 737, 1986

- infundibulopelvic stenosis in children, Lucaya J; Enriquez G; Delgado R; et al, (AJR), **142**: 471, 1984
- percutaneous nephrostomy in neonates, infants, and children, Winfield AC; Kirchner SG; Brun ME; Mazer MJ; Braren HV; Kirchner FK Jr., (Radiology), 151: 617. 1984.
- percutaneous surgery for ureteropelvic junction obstruction (endopyelotomy): technique and early results, Badlani G; Eshghi M; Smith AD, (Radiology), 159: 821, 1986
- renal obstruction in patients with ileal loops: US evaluation, Cronan JJ; Amis ES; Scola FH; Schepps B, (Radiology), 158: 647,
- urinary milk of calcium in children and adults: use of gravity-dependent sonography, Patriquin H; Lafortune M; Filiatrault D, (AJR), 144: 407, 1985

## Genitourinary system, therapeutic radiology

Fletcher-Suit-Delclos gynecologic applicator: evaluation of a new instrument, Haas JS; Dean RD; Mansfield CM, (Radiology), 151: 278. 1984

#### Genitourinary system, US studies

- Mayer-Rokitansky-Kuster-Hauser syndrome: sonographic aid to diagnosis, Swayne LC; Rubenstein JB; Mitchell B, (J Ultrasound Med), 5: 287, 1986
- Mayer-Rokitansky-Kuster-Hauser syndrome: US aid to diagnosis, Rosenberg HK; Sherman NH; Tarry WF; Duckett JW; Snyder HM, (Radiology), **161**: 815, 1986
- options in the evaluation of pediatric urinary tract infections: role of radiography and ultrasound, Mason WG Jr; Stevens PS, (Semin US CT MR), 7: 234, 1986
- pelvic sonography of the pediatric patient, Comstock CH; Boal DKB, (Semin US CT MR), 5: 54, 1984
- renal obstruction in patients with ileal loops: US evaluation, Cronan JJ; Amis ES; Scola FH; Schepps B, (Radiology), 158: 647, 1986
- renal sonography in the differentiation of upper from lower urinary tract infection, Dinkel E; Orth S; Dittrich M; et al, (AJR), 146: 775, 1986
- sonographic diagnosis and classification of anomalies of the female genital tract, Malini S; Valdes C; Malinak LR, (Radiology), 155: 557, 1985
- sonographic evaluation of urinary tract infections in children, Ben-Ami T, (Semin US CT MR), 5: 19, 1984
- sonography as a substitute for excretory urography in children with urinary tract infection, Leonidas JC; McCauley RGK; Klauber GC; et al, (AJR), 144: 815, 1985
- ultrasonography of the complicated duplex kidney: further observations, Wyly JB; Resende CMC; Teele RL, (Semin US CT MR), 5: 35, 1984
- ultrasound versus excretory urography in evaluating acute flank pain, Laing FC; Jeffrey RB Jr; Wing VW, (Radiology), 154: 613, 1985
- ureterovesical obstruction and megaloureter: diagnosis by real-time US, Wood BP; Ben-Ami T; Teele RL; Rabinowitz R, (Radiology), 156: 79, 1985
- urinary milk of calcium in children and adults: use of gravity-dependent sonography, Patriquin H; Lafortune M; Filiatrault D, (AJR), 144: 407, 1985
- urinary tract dilatation in utero: classification and clinical applications, Grignon A; Filion R; Filiatrault D; Robitaille P; Homsy Y; Boutin H; Leblond R, (Radiology), 160: 645, 1986
- urinary tract infection in infants and children evaluated by ultrasound, Kangarloo H; Gold RH; Fine RN; Diament MJ; Boechat MI, (Radiology), 154: 367, 1985
- urinary tract infections in childhood: current imaging approach, Hayden CK Jr; Swischuk LE: Fawcett HD; Rytting JE; McCord G, (Radiographics), 6: 1023, 1986
- US in the evaluation of acute flank pain, Erwin BC; Carroll BA; Sommer FG, (Radiology), 157: 554, 1985
- US in the evaluation of acute flank pain: reply, Laing FC; Jeffrey RB Jr; Wing VW, (Radiology), 157: 554, 1985

## Genitourinary system, US studies

value of ultrasonography as a screening procedure in a first-documented urinary tract infection in children, Jequier S; tract infection in children, Jequier S; Forbes PA; Nogrady MB, (J Ultrasound Med), 4: 393, 1985

Genitourinary tract

See Genitourinary system; Urine; Urography; under names of organs, such as Bladder; Kidney

#### Glioma

See Brain neoplasms

Glomus jugulare, neoplasms

Domus Juguiare, neoplasms extracranial tumor vascularity: determination by dynamic CT scanning, part I: concepts and signature curves, Som PM; Lanzieri CF; Sacher M; Lawson W; Biller HF, (Radiology), 154: 401, 1985

extracranial tumor vascularity: determination by dynamic CT scanning: part II: the unit approach, Som PM; Lanzieri CF; Sacher M; Lawson W; Biller HF, (Radiology), 154: 407,

glomus jugulare tumors revisited: ten-year statistical follow-up of 231 cases, Brown JS, (Radiology), 158: 861, 1986

temporal bone region: high-resolution MR imaging using surface coils, Koenig H; Lenz M; Sauter R, (Radiology), 159: 191,

vascular masses in the middle ear, Phelps PD; Lloyd GAS, (Clin Radiol), 37: 359, 1986

ducagon anaphylactic and allergic reactions during double-contrast studies: is glucagon or barium suspension the allergen?, Gelfand DW; Sowers JC; DePonte KA; et al, (AJR), 144: 405, 1985

barium filling for glucagon-resistant spasm on double-contrast barium enema examinations, Levine MS; Gasparaitis AE, (Radiology), 160: 264, 1986

effect of glucagon on the diagnostic accuracy of double-contrast barium enema examinations, Thoeni RF; Vandeman F; Wall SD, (AJR), 142: 111, 1984 glucagon and gastroesophageal reflux, Drane WE; Haggar AM; Engel MA, (AJR), 142: 709, 1984

142: 709, 1984

142: 709, 1902 glucagon in the scintigraphic diagnosis of small-bowel hemorrhage by Tc-99m-labeled red blood cells, Froelich JW; Juni J, (Radiology), 151: 239, 1984

use of glucagon and gas-forming agents in acute esophageal food impaction, Smith JC; Janower ML; Geiger AH, (Radiology), 159:

effect of moderate level x-radiation to brain on cerebral glucose utilization, Ito M; Patronas NJ; Di Chiro G; et al, (JCAT), 10: 584, 1986

methodologic factors affecting PET measurements of cerebral glucose metabolism, Jagust WJ; Budinger TF; Huesman RH; et al. (J Nucl Med), 27: 1358,

positron emission tomography imaging of regional cerebral glucose metabolism, Alavi A; Dann R; Chawluk J; et al, (Semin Nucl Med), 16: 2, 1986

Glycogen

influence of glycogen on water proton relaxation times, Gore JC; Brown MS; Mizumoto CT; et al, (Magn Res Med), 3: 463, 1986

Glycogen storage disease cardiac MR imaging in Pompe disease, Boxer RA; Fishman M; LaCorte MA; et al, (JCAT), 10: 857, 1986

utrasonographic features of hepatic adenomas in type I glycogen storage disease, Bowerman RA: Samuels BI; Silver TM, (Radiology), 150: 298, 1984

CT demonstration of isolated mediastinal goiter, Sussman SK, Silverman PM; Donnal JF, (JCAT), 10: 863, 1986 Graves' disease: initial presentation with exophthalmos and solitary hot nodule, Vento JA; Slavin JD Jr; Reardon GE; et al, (Clin Nucl Med), 11: 404, 1986

tun Nuci Med), 11: 404, 1986 hyperthyroidism caused by a toxic intrathoracic goiter with a normal-sized cervical thyroid gland, Prakash R; Lakshmipathi N; Jena A; et al, (J Nucl Med), 27: 1423, 1986

27: 1423, 1430 ophthalmopathy of Graves' disease: computerized volume measurements of the orbital fat and muscle, Forbes G; Gorman CA; Brennan MD; et al, (AJNR), 7: 651, 1986

severe thyrotoxicosis caused by an ectopic intrathoracic goiter, Fogelfeld L; Rubinstein U; Bar-On J; et al, (Clin Nucl Med), 11: 20, 1986

Gold, radioactive

dosimetry of radioactive gold grains for the treatment of choroidal melanoma, Chenery SGA; Japp B; Fitzpatrick PJ, (Radiology), 151: 836, 1984

gated right ventricular studies using krypton-81m: comparison with first-pass studies using gold-195m, Caplin JL; Flatman WD; Dymond DS, (J Nucl Med), 27: 602, 1986

By Junio B. D., U Nucl. Med.J., 27: 002, 1986 gold-195m, an ultra-short-lived generator-produced radionuclide: clinical application in sequential first pass ventriculography, Mena J; Narahara KA; de Jong R; et al, (Radiology), 151: 277, 1984

gouty arthritis: a prospective radiographic evaluation of sixty patients, Barthelemy CR; Nakayama DA; Carrera GF; et al, (Radiology), **154**: 556, 1985

inability of bone and gallium imaging to differentiate acute gouty arthritis from septic arthritis, Boxen I, (Clin Nucl Med), 11: 443, 1986

radiographic appearance of the sternomanubrial joint in arthritis and related conditions, Parker V5; Malhotra CM; Ho G Jr; Kaplan SR, (Radiology), **153**: 343, 1984

#### Grafts

atherosclerotic rabbit aortas: expandable intraluminal grafting, Palmaz JC; Windeler SA; Garcia F; Tio FO; Sibbitt RR; Reuter SR, (Radiology), **160**: 723, 1986

contrast extravasation through a gore-tex graft: a sequela of low-dose streptokinase therapy, Rosner NH; Doris PE, (AJR), 143: 633, 1984

early evaluation of coronary artery grafts: CT or selective angiography, Wilson PC; Gutterrez O; Moss A, (Radiology), **154**: 554,

graft patency evaluation with DSA after reconstructive venous surgery, Morano JU; Burkhalter JL, (Radiology), **160**: 267, 1986

in situ saphenous vein bypass graft: radiologic aspects, Schwarz W; Nozick J; Richmand D; et al, (AJR), **146**: 605, 1986

radiographic features of esophageal involvement in chronic graft-vs.-host disease, McDonald GB; Sullivan KM; Plumley TF, (AJR), 142: 501, 1984

recombinant human tissue-type plasminogen activator for thrombolysis in peripheral arteries and bypass grafts, Risius B; Graor RA; Geisinger MA; Zelch MG; Lucas FV; Young JR; Grossbard EB, (Radiology), 160: 183, 1986

(Nationally), No. 103, 1790; initial clinical studies using tomosynthesis. work in progress, de Vries N; Miller FJ; Wojtowycz MM; Brown PR; Yandow DR; Nelson JA; Kruger RA, (Radiology), 157: 239, 1085

#### Grafts, infection

111 In-labeled leukocytes in the detection of prosthetic vascular graft infections, Williamson MR; Boyd CM; Read RC; et al, (AJR), 147: 173, 1986

giant cell tumor of bone: radiographic changes following local excision and allograft replacement, Kattapuram SV; Phillips WC; Mankin HJ, (Radiology), 161: 493, 1986

indium-111 labeled leukocyte uptake: false-positive results in noninfected

positive results in noninfected pseudoaneurysms, Gilbert BR; Cerqueira MD; Vea HW; Nelp WB, (Radiology), 158: 761, 1986 indium-111 labeled leukocyte uptake: false-positive results in noninfected pseudoaneurysms, Bauman JM; Landry AJ; Cawthon MA; Hartshorne MF, (Radiology), 161: 570, 1986

## Grafts, radionuclide studies

111 In-labeled leukocytes in the detection of prosthetic vascular graft infections, Williamson MR; Boyd CM; Read RC; et al, (AJR), 147: 173, 1986

## Grafts, stenosis

in situ saphenous vein bypass grafts: angiographic evaluation and interventional repair of complications, Kinnison ML; Perler BA; Kaufman SL; Mitchell SE; Kadir S; Williams GM; White RI Jr, (Radiology), 160: 727, 1986

intravenous digital subtraction angiography in patients with suspected bypass graft occlusion following surgery for peripheral vascular disease, Butler P; Williamson B, (Br J Radiol), 59: 329, 1986

percutaneous transluminal angioplasty of aortocoronary saphenous vein graft. morphologic observations, Famularo M; Vasilomanolakis EC; Schrager B; et al, (Radiology), **150**: 857, 1984

spasm of the aortocoronary venous graft, D'Souza VJ, Velasquez G; Kahl FR; Hackshaw BT; Amplatz K, (Radiology), **151**:

thrombolysis of occluded femoropopliteal grafts, Gardiner GA Jr; Koltun W; Kandarpa K; et al, (AJR), 147: 621, 1986

### Grafts, US studies

sessment of flow in aortocoronary grafts, Segadal L, (Semin US CT MR), 6: 68, 1985

sonography of axillofemoral and femorofemoral subcutaneous arterial bypass grafts, Gooding GAW; Effeney DJ, (AJR), 144: 1005, 1985

## Granulocytes

See Leukocytes

#### Granuloma

cerebral vasculitis secondary to Wegener's granulomatosis: computed tomography and angiographic findings, Yamashita Y; Takahashi M; Bussaka H; et al. (CT), 10: 115,

chest radiograph in lymphomatoid granulomatosis: comparison with Wegener granulomatosis, Wechsler RJ; Steiner RM; Israel HL; et al, (AJR), 142: 79, 1984

cholesterol granuloma of the facial skeleton, Lloyd GAS, (Br J Radiol), 59: 481, 1986

cholesterol granuloma of the petrous apex, Gherini SG; Brackmann DE; Lo WWM; et al, (Radiology), **159**: 574, 1986

computed tomography of diffuse tracheal stenosis in Wegener granulomatosis, Stein MG; Gamsu G; Webb WR; et al, (JCAT), 10: 868, 1986

CT diagnosis of oil-induced granuloma secondary to diabetes insipidus therapy, Munk PL; Muller NL, (JCAT), 9: 1147, 1985

eosinophilic granuloma of bone: diagnosis and management, Nauert C; Zornoza J; Ayala A; et al, (Radiology), **154**: 556, 1985

extraosseous bone-tracer uptake: plasma cell granuloma, Wells RG; Sty JR, (Clin Nucl Med), 11: 527, 1986

gastric involvement in chronic granulomatous disease of childhood: demonstration by computed tomography and upper gastrointestinal studies, Kenney PJ; Brinsko RE; Patel DV, (JCAT), 9: 563, 1985

granulomatous angiitis presenting as chronic meningitis and ventriculitis, Reik L Jr; Grunnet ML; Spencer RP; et al, (Radiology), 152: 854, 1984

intravesical bacillus Calmette-Guerin therapy and associated granulomatous renal masses, Stanisic TH; Brewer ML; Graham AR, (Radiology), 160: 285, 1986

liver involvement in chronic granulomatous disease: the role of ultrasound in diagnosis and treatment, Garel LA; Pariente DM; Nezelof C; Barral VJ; Aboulker C; Sauvegrain JH, (Radiology), 153: 117, 1984

pathogenesis of the granulomatous lung diseases, Hunninghake GW; Garrett KC; Richerson HB; et al, (Radiology), 155: 547,

plasma-cell granuloma of the fourth ventricle. case report, Maeda Y; Tani E; Nakano M; et al, (Radiology), **154:** 564, 1985

plasma-cell granuloma of the fourth ventricle. case report, Maeda Y; Tani E; Nakano M; et al, (Radiology), **154**: 854, 1985

pulmonary hyalinizing granuloma: a cause of pulmonary nodules, Chalaoui J; Gregoire P; Sylvestre J; Lefebvre R; Amyot R, (Radiology), 152: 23, 1984

pulmonary "mainline" granulomatosis: talcosis secondary to intravenous heroin abuse with characteristic x-ray findings of asbestosis, Davis LL, (Radiology), 151: 817, 1984

pulmonary nodules: detection of calcification by linear and pluridirectional movement in tomographic study, Chasen MH; McCarthy MJ, (Radiology), **156**: 589, 1985

pulmonary nodules studied by computed tomography, Proto AV; Thomas SR, (Radiology), 156: 149, 1985 sperm granuloma, Ramanathan K;

yaghoobian J; Pinck RL, (JCU), 14: 155, 1986 thoracic complications of plasma cell granuloma of the lung, Kirkpatrick JA Jr; Harris GBC; Kushner DC, (Radiology), 153:

566, 1984

Wegener granulomatosis of the breast, Deininger HK, (Radiology), 154: 59, 1985 Granuloma, eosinophilic

See Histiocytosis

Granuloma, giant-cell reparative
giant cell reparative granuloma and other
giant cell lesions of the bones of the hands
and feet, Picci P; Baldain N;
Sudanese A; et al, (Skeletal Radiol), 15: 415,

Granuloma, lymphomatoid

chest radiograph in lymphomatoid granulomatosis: comparison with Wegener granulomatosis, Wechsler RJ; Steiner RM; Israel HL; et al, (AJR), 142: 79, 1984

Granulomatosis See Granuloma

Graves disease See Goiter; Thyroid, hyperthyroidism

See Radiography, technology

See Radiography, technology

Gynecology
assessment of primary gynecologic
malignancies: comparison of 0.15-T resistive
MRI with CT, Bies JR; Ellis JH;
Kopecky KK; et al. (AJR), 143: 1249, 1984
cost benefit analysis of radiological protection:
a case study of remote after-loading in
gynaccological radiotherapy, Fleishman AB;
Notley HM; Wilkinson JM, (Radiology), 153:
862, 1984
efficacy of the excretory urogram in the

efficacy of the excretory urogram in the staging of gynecologic malignancies, Hillman BJ; Clark RL; Babbitt G, (AJR), 143: 997, 1984

Brady LW; Perez CA; Bedwinek JM, (Int J Radiat Oncol Biol Phys), 12: 549, 1986

imaging of questionable and unusual pelvic masses, Reuter KL; D'Orsi CJ; Raptopoulos V; et al, (Br J Radiol), 59: 765, 1986

Gynecology, CT computed tomography in gynaecological malignancies, van Engelshoven JMA, Reviewed by McLoughlin MJ, (Radiology), 151: 438, 1984

Gynecology, MR studies

magnetic resonance imaging in obstetrics and gynecology, McCarthy S, (Magn Res Imag), 4: 59, 1986

MRI of the female pelvis: review, Hricak H, (AJR), 146: 1115, 1986

Gynecology, US studies approach to the female patient, Cochrane WJ, (Clin Diagn Ultrasound), 15: 1, 1984 atlas of obstetrical ultrasonography, Yiu-Chiu VS; Chiu LC, Reviewed by Borg SA, (Radiology), 152: 142, 1984

(Radiology), 152: 142, 1984 endosonography in gynecology: preliminary experience, Popp L; Lueken RF; Muller-Holve W; et al, (Radiology), 151: 275, 1984 ovary volume in young and premenopausal adults: US determination. work in progress, Munn CS; Kiser LC; Wetzner SM; Baer JE, (Radiology), 159: 731, 1986 real-time ultrasonography of the pelvis as an adjunct to the digital examination, Bluth EI; Ferrari BT; Sullivan MA, (Radiology), 153: 789, 1984

789, 1984

ultrasonography in obstetrics and gynecology, Callen PW, Reviewed by Kennedy J, (Radiology), 152: 418, 1984

ultrasonography in obstetrics and gynecology. 2d ed., Hobbins JC; Winsberg F; Berkowitz RL, Reviewed by Kennedy J, (Radiology), 152: 418, 1984

Gynecomastia See Breast, male

## H

Hamartoma

Castleman disease of the retroperitoneum: CT demonstration, Greenstein S; Fishman EK; Kaufman SL; et al, (JCAT), 10: 547, 1986

computed tomography of retroperitoneal Castleman disease (plasma cell type) with sonographic and angiographic correlation, Joseph N; Vogelzang RL; Hidvegi D; et al, (JCAT), 9: 570, 1985

CT and sonography of multiple bile-duct hamartomas simulating malignant liver disease (case report), Eisenberg D; Hurwitz L; Yu AC, (AJR), 147: 279, 1986

hamartomas of the tuber cinereum, Diebler C; Ponsot G, (Radiology), 151: 266, 1984

mesenchymal hamartoma of the liver: computed tomography and ultrasonography, Giyanani VL; Meyers PC; Wolfson JJ, (JCAT), 10: 51, 1986

mesenchymal hamartoma of the liver in infant: its roentgen diagnosis, Egawa T; Kuroda C; Yoshioka H; et al, (Radiology), 152: 554, 1984

mesenchymal hamartoma of the liver: Goodman ZD; Ishak KG; Dachman AH; Olmsted WW; Hartman DS; Lichtenstein JE, (Radiology), 158: 619, 1986

MR characteristics of benign lymph node enlargement in sarcoidosis and Castleman's disease, de Geer G; Webb WR; Sollitto R; et al. (Eur J Radiol), 6: 145, 1986

multiple calcified chondrohamartomas of the lung: CT appearance, Bennett LL; Lesar MSL; Tellis CJ, (JCAT), 9: 180, 1985

neuroradiologic findings of hypothalamic hamartoma with emphasis on computed tomography, Nakagawa N; Takahashi M; Kohrogi Y; et al, (CT), 10: 77, 1986

proteus syndrome. partial gigantism of the hands and/or feet, nevi, hemihypertrophy, subcutaneous tumors, macrocephaly and other skull anomalies and possible accelerated growth and visceral affections, Wiedemann H-R; Burgio GR; Aldenhoff P; et al. (Radiology), 150: 860, 1094

pulmonary hamartoma: CT findings, Siegelman S5; Khouri NF; Scott WW Jr; Leo FP; Hamper UM; Fishman EK; Zerhouni EA, (Radiology), **160**: 313, 1986

pulmonary hamartoma: diagnosis by transthoracic needle-aspiration biopsy, Hamper UM; Khouri NF; Stitik FP; Siegelman SS, (Radiology), **155**: 15, 1985

pulmonary nodules studied by computed tomography, Proto AV; Thomas SR, (Radiology), 156: 149, 1985

retrorectal cyst-hamartomas: CT diagnosis, Ottery FD; Carlson RA; Gould H; et al, (JCAT), 10: 260, 1986

spontaneous regression of mesenchymal hamartoma: observations using ultrasoun Kenney IJ; Hendry GMA; Mackinlay GA, (JCU), 14: 72, 1986

## Hand

See also Extremities; Fingers and toes florid reactive periostitis of the phalanges, Porter AR; Tristan TA; Rudy FR; et al, (AJR), 144: 617, 1985

high-field MR surface-coil imaging of the hand and wrist. part I. normal anatomy, Weiss KL; Beltran J; Shamam OM; Stilla RF; Levey M, (Radiology), 160: 143, 1986

high-field MR surface-coil imaging of the hand and wrist. part II. pathologic correlations and clinical relevance, Weiss KL; Beltran J; Lubbers LM, (Radiology), 160: 147, 1986

low-dose fibrinolytic therapy in hand ischemia, Tisnado J; Bartol DT; Cho S-R; Vines FS; Beachley MC; Fields WR, (Radiology), **150**: 375, 1984

#### Hand, abnormalities

arthrogryposis of the hand, Yonenobu K; Tada K; Swanson AB, (Radiology), 155: 552,

bone lesions in systemic lupus erythematosus, Leskinen RH; Skrifvars BV; Laasonen LS; Edgren KJ, (Radiology), 153: 349, 1984

calcification associated with terminal defects of the upper extremity, Stoskopf CA; Poznanski AK; Gilbert A; Faure C; Kaufman RA; Schmit P, (Radiology), 152:

hand-reduction malformations: genetic and syndromic analysis, Pilarski RT; Pauli RM; Engber WD, (Radiology), **157**: 854, 1985

nutrient foramina in the phalanges of the hands. Pastakia B: Fink II: Morrish K. (Radiology), 157: 281, 1985

pattern profile comparisons: differences and similarities, Poznanski AK; Gartman S, (Radiology), **153**: 568, 1984

synovial and enthesitic reactions at the digits and wrist in sympathetic reflex dystrophy, Fischer E, (Radiology), 159: 822, 1986

Hand, angiography venous "lakes" of the hands, Levy JM; Hessel SJ; Joseph RB; Bodell LS, (Radiology), 156: 603, 1985

#### Hand, injuries

importance of soft-tissue evaluation in hand and wrist trauma: statistical evaluation, Curtis DJ; Downey EF Jr; Brower AC; et al, (AJR), 142: 781, 1984

patient-induced stress test of the first metacarpophalangeal joint: radiographic assessment of collateral ligament injuries, Downey EF Jr; Curtis DJ, (Radiology), 158: 679, 1986

radiologic evaluation of severed body parts, Maurer AH, (Radiology), 151: 535, 1984

radiologic evaluation of severed body parts: comment, Phillips WC, (Radiology), 151: 535, 1984

replantation of digits or hands followed by destructive joint disease, Guerra J Jr; Resnick D; Gelberman RH; Reznek R; Cone RO III, (Radiology), 152: 591, 1984

#### Hand, neoplasms

ultrasound examination of the hand, Fornage BD; Rifkin MD, (Radiology), **160**: 853, 1986

ultrasound of the hand, Fornage BD; Schernberg FL; Rifkin MD, (Radiology), 155: 785, 1985

### Hand, prostheses

Beabout JW; Linscheid RL, (Semin Roentgenol), 21: 84, 1986

Hand, radiography

hand in radiologic diagnosis: with gamuts and pattern profiles. 2d ed. 2 vols., Poznanski AK, Reviewed by Bohrer SP, (Radiology), 153: 614, 1984

patient-induced stress test of the first metacarpophalangeal joint: radiographic assessment of collateral ligament injuries, Downey EF Jr; Curtis DJ, (Radiology), 158: 679, 1986

#### Hand, radionuclide studies

assessment of hand blood flow: modified technique, Kirsh JC; Tepperman PS, (AJR), 144: 781, 1985

reflex sympathetic dystrophy in the hands: clinical and scintigraphic criteria, Holder LE; Mackinnon SE, (Radiology), 152: 517, 1984

'tourniquet effect", Desai A; Intenzo C, (Radiology), **154**: 862, 1985

## Hand, replantation

replantation of digits or hands followed by destructive joint disease, Guerra J Jr; Resnick D; Gelberman RH; Reznek R; Cone RO III, (Radiology), 152: 591, 1984

## Hand, US studies

sound velocity in the middle phalanges of the human hand, Fredfeldt K-E, (Acta Radiol [Diagn]), 27: 95, 1986

ultrasound examination of the hand, Fornage BD; Rifkin MD, (Radiology), **160**: 853, 1986

See also Brain; Skull

### Head, abnormalities

applications of pattern profile analysis to malformations of the head and face, Garn SM; Smith BH; LaVelle M, (Radiology), 150: 683, 1984

quantification of dysmorphogenesis: pattern variability index,  $\sigma_z$ , Garn SM; Lavelle M; Smith BH, (AJR), **144**: 365, 1985

three dimensional CT reconstruction images for craniofacial surgical planning and evaluation, Vannier MW; Marsh JL; Warren JO, (Radiology), 150: 179, 1984

#### Head, CT

absent or compressed basal cisterns on first CT scan: ominous predictors of outcome in severe head injury, Toutant SM; Klauber MR; Marshall LF; et al, (Radiology), 155: 858, 1985

anatomic basis of pure alexia, Damasio AR; Damasio H, (Radiology), 152: 855, 1984

anatomic basis of transcortical motor asphasia, Freedman M; Alexander MP; Naeser MA, (Radiology), **153**: 854, 1984

base of the skull imaging, Osborn AG; Harnsbergen HR; Smoken, WRK, (Semin US CT MR), 7: 91, 1986

bicaudate diameter—the most specific and simple CT parameter in the diagnosis of Huntington's disease, Stober T; Wussow W; Schimrigk K, (Radiology), 153: 277, 1984

bildverarbeitung von computerindverareatung von computer-tomogrammen zur unterstutzung der neuroradiologischen diagnostik (image processing of computed tomograms in support of neuroradiologic diagnosis), Henrich G, Reviewed by Oestreich AE, (Radiology), 152: 234, 1984

blepharospasm associated with brainstem lesions, Jankovic J; Patel SC, (Radiology), 151: 826, 1984

case of the season, Wang AM, (Semin Roentgenol), 19: 163, 1984

central nervous system metastases of choriocarcinoma, Athanassiou AA; Begent RHJ; Newlands ES; et al, (Radiology), **152**: 557, 1984

cephaloceles: clinical and neuroradiological appearance. associated cerebral malformations, Diebler C; Dulac O, (Radiology), 151: 825, 1984

cerebellopontine angle tumors: bilateral flocculus compression as cause of associated oculomotor abnormalities, Nedzelski JM, (Radiology), **152**: 558, 1984

cerebral complications during late gestoses: CT demonstration, Becker W; Martin A; Uhlenbrock D, (Radiology), 151: 825, 1984

cerebral computed tomography: a text atlas. 2d ed., Weisberg L; Nice C; Katz M, Reviewed by Gyldensted C, (Radiology), **153**: 704, 1984

cerebral CT findings in toxemia of pregnancy, Kirby JC; Jaindl JJ, (Radiology), 151: 114,

cerebral MR and CT imaging in Creutzfeldt-Jakob disease, Kovanen J; Erkinjuntti T; Iivanainen M; et al, (JCAT), 9: 125, 1985

cerebrospinal fluid trace element content in dementia: clinical, radiologic, and pathologic correlations, Hershey CO; Hershey LA; Varnes A; et al, (Radiology), 152: 557, 1984

Chiari II malformation: part IV. the hindbrain deformity, Naidich TP; McLone DG; Fulling KH, (Radiology), **151**: 824, 1984

chronic cerebral herniation in shunted Dandy-Walker malformation, Naidich TP; Radkowski MA; McLone DG; Leestma J. (Radiology), 158: 431, 1986

clinical and CT parameters in degenerative cerebellar atrophy in aged patients, Andreula CF; Camicia M; Lorusso A; et al, (Radiology), 153: 276, 1984

clinical indications for optimal use of the radionuclide brain scan, Nistet AP; Ratcliffe GE; Ellam SV; et al, (Radiology), 151: 276, 1984

clinical stages of human brain abscesses on serial CT scans after contrast infusion. computerized tomographic, neuropathological, and clinical correlations, Britt RH; Enzmann DR, (Radiology), 152:

clivus fracture: CT demonstration, Kapila A; Chakeres DW, (JCAT), 9: 1142, 1985

comparative anatomo-functional imaging of two neuroreceptors and glucose metabolism: a PET study performed in the living baboon, Larson SM; Di Chiro G, (JCAT), 9: 676, 1985

computed tomographic anatomy of the pterygopalatine fossa, Curtin HD; Williams R, (Radiographics), 5: 429, 1985

computed tomographic appearance of lissencephaly syndromes, Dobyns WB McCluggage CW, (AJNR), 6: 545, 1985

computed tomographic findings in Wernicke-Korsakoff syndrome, McDowell JR; LeBlanc HJ, (Radiology), 153: 854, 1984

computed tomography and seizures in children, Harwood-Nash DC, (Radiology), 151: 262, 1984

computed tomography in acute head injuries, Hryshko FG; Deeb ZL, (Radiology), **152**: 556, 1984

computed tomography in intra- and suprasellar epithelial cysts (symptomatic Rathke cleft cysts), Okamoto S; Handa H; Yamashita J; et al, (AJNR), 6: 515, 1985

computed tomography in neurocysticercosis, Minguetti G; Ferreira MVC, (Radiology), 152: 258, 1984

computed tomography in the prediction of outcome in head injury, Lipper MH; Kishore PRS; Enas GG et al, (AJNR), 6: 7, 1985

computed tomography of intracerebral echinococcal cysts in children, McCorkell SJ; Lewall DB, (JCAT), 9: 514, 1985

computed tomography of the "armored brain", Ludwig B; Nix W; Lanksch W, (Radiology), 151: 267, 1984

computed tomography of the buccomasseteric region: 1. anatomy, Braun IF; Hoffman JC Jr, (AJNR), 5: 605, 1984

computerized tomography of cranial sutures. part 1: comparison of suture anatomy in children and adults, Furuya Y; Edwards MSB; Alpers CE; et al, (Radiology),

computerized tomography of cranial sutures part 2: abnormalities of sutures and skull deformity in craniosynostosis, Furuya Y; Edwards MSB; Alpers CE; et al, (Radiology), 154: 851, 1985

concurrent delayed temporal and posterior fossa epidural hematomas. case report, Cervantes LA, (Radiology), **151**: 550, 1984

conservative management of intracranial extradural hematoma presenting late, Illingworth R; Shawdon H, (Radiology), **151**: 268, 1984

conventional tomography and computed tomography for the diagnosis of fronto-based fractures, Terrier F; Raveh J; Burckhardt B, (Radiology), 154: 566, 1985

cortical blindness after metrizamide myelography, Smirniotopoulos JG; Murphy FM; Schellinger D; et al, (Radiology), 153: 569, 1984

cranial computed tomography in the abused child with head injury, Cohen RA; Kaufman RA; Myers PA; et al, (AJNR), 6:

cranial CT findings in sclerosteosis, Hill SC; Stein SA; Dwyer A; et al, (AJNR), 7: 505, 1986

cranial CT in the investigation of headache: cost-effectiveness for brain tumors, Baker HL Jr, (Radiology), **151**: 267, 1984 CT and cerebral ischemic infarcts, correlations

between morphological and clinical-prognostic findings, Crisi G; Colombo A; de Santis M; et al, (Radiology), **154**: 277, **198**5

CT-clinical approach to patients with symptoms related to the V, VII, IX-XII cranial nerves and cervical sympathetics, Kalovidouris A; Mancuso AA; Dillon W, (Radiology), 151: 671, 1984

CT demonstration of calcification within old cerebral infarcts, Kuzuhara S; Naito Y; Namura Y; et al, (JCAT), 9: 268, 1985

CT in the evaluation of the vestibulocochlear nerves and their central pathways: evaluation of neurotologic disorders, Mafee MF, Kumar A; Valvassori GE; et al, (Radiol Clin North Am), 22: 45, 1984

CT measurements of cranial growth: alternative measurement method, Hahn FJ; Chu W-K; Cheung JY, (AJNR), 6: 537, 1985

CT of dry skulls with craniofacial deformities: accuracy of three-dimensional reconstruction, Hemmy DC; Tessier PL, (Radiology), 157: 113, 1985

CT of multiple sclerosis: reassessment of delayed scanning with high doses of contrast material, Spiegel SM; Vinuela FV; Fox AJ; et al, (AJNR), 6: 533, 1985

CT of the base of the skull, Whelan MA; Reede DL; Meisler W; et al, (Radiol Clin North Am), 22: 177, 1984

cysticercosis cerebralis in the computed tomogram, Morantes JG; Guerra RR; Campa Nunez HK; et al, (Radiology), 151: 267, 1984

dense dermoids in craniocervical region, Cecchini A; Pezzotta S; Paoletti P; et al, (Radiology), **150**: 865, 1984

diagnosis of ependymal intraventricular cysts of the third ventricle by computed tomography, Servo A; Porras M; Jaaskinen J, (Radiology), 151: 265, 1984

diagnosis of malignant lymphomas of the nasal cavity, paranasal sinuses and nasopharynx, Duncavage JA; Campbell BH; Hanson GA; et al, (Radiology), 152: 559, 1984

diagnosis of masses presenting within the wentricles on computed tomography, Kendall BE; Reider-Grosswasser I; Valentine AR, (Radiology), **151:** 265, 1984

diagnostic assessment of single seizures: is cranial computed tomography necessary?, Russo LR Jr; Goldstein KH, (Radiology), 152:

diffuse disseminated atheroembolism. three cases with neuro-ophthalmic manifestation, Coppeto JR; Lessell 5; Lessell IM; et al, (Radiology), 153: 570, 1984

direct sagittal computed tomography of the head, Ball JB Jr; Towbin RB; Staton RE; Cowdrey KE, (Radiology), 155: 822, 1985

early versus late lateral ventricular enlargement following closed head injury, Meyers CA; Levin HS; Eisenberg HM; et al, (Radiology), **152**: 856, 1984

emergency skull radiography: effect of restrictive criteria on skull radiography and CT use, Baker SR; Gaylord GM; Lantos G; Tabaddor K; Gallagher EJ, (Radiology), 156: 409, 1985

enhancing cerebral infarction simulating arteriovenous malformation on comput tomography, Henrikson GC; Patel DV, (JCAT), 9: 502, 1985

false sulcus: an early sign of intracranial mass, Healy JF, (Radiology), 150: 865, 1984

fast overlapping scans in cerebral computed angiotomography, Fukui K; Sadamoto K; Yamamoto Y; et al, (JCAT), 9: 839, 1985

gas bubbles in polymethylmethacrylate cranioplasty simulating abscesses: CT appearance, Mason TO; Rose BS; Goodman JH, (AJNR), 7: 829, 1986

hamartomas of the tuber cinereum, Diebler C; Ponsot G, (Radiology), 151: 266, 1984

head injury: early results of comparing CT and high-field MR, Zimmerman RA; Bilaniuk LT; Hackney DB; et al, (AJNR), 7:

head trauma evaluated by magnetic resonance ead trauma evaluated by magnetic resonant and computed tomography: a comparison, Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR; El Yousef SJ; Clampitt ME; Bonstelle CT; Huss RG, (Radiology), 150: 71, 1984

high resolution and dynamic sequential computed tomography. use in the evaluation of glomus complex tumors, Mafee MF; Valvassori GE; Shugar MA; et al, (Radiology), 152: 261, 1984

how to distinguish between bleeding and coagulated extradural hematomas on the plain CT scan, Peterson OF; Espersen JO, (Radiology), 155: 857, 1985

imaging opiate receptors in the human brain by positron tomography, Frost JJ; Wagner HN Jr; Dannals RF; et al, (JCAT), 9: 231, 1982

innominate line, Whelan MA; Myung KH; Bergeron RT, (Radiology), 154: 280, 1985 intracranial fluid-blood levels in the anticoagulated patient, Livoni JP; McGahan JP, (Radiology), **152**: 258, 1984

intracranial lymphoma, Whelan MA; Kricheff II, (Semin Roentgenol), 19: 91, 1984

Kricheff II, (Semin Roemes, ..., intracranial venous aneurysms: vein of galen and other similar vascular anomalies, KCVG; Chiantella NM; Arora S; et al, (Radiology), 152: 556, 1984

intradiploic epidermoid cysts in adults: CT contribution to diagnosis in 6 new cases, Guiard J-M; Kien P; Colombani S; et al, (J Neuroradiol), 15: 22, 1986

jugular foramen: anatomic and computed tomographic study, Daniels DL; Williams AL; Haughton VM, (AJR), **142:** 153,

jugular foramen Schwannomas, Kaye AH; Hahn JF; Kinney SE; et al, (Radiology), **154**: 278, 1985

lesions of the putamen and dystonia: CT and magnetic resonance imaging, Burton K; Farrell K; Li D; et al, (Radiology), 155: 279,

lissencephaly: computed tomograph diagnosis, Williams JP; Joslyn JN, (Radiology), **150**: 865, 1984

longitudinal study of speech fluency in aphasia: CT correlates of recovery and persistent nonfluency, Knopman DS; Selnes OA; Niccum N; et al, (Radiology), 151: 825, 1984

- low dose arterial contrast enhancement for cranial computed tomography in renal insufficiency, Kier R; Osborne DR, (JCAT), 9: 800, 1985
- measurement of the area of the anterior horn of the right lateral ventricle for the diagnosis of brain atrophy by CT, Hirashima Y; Shindo K; Endo S, (Radiology), 151: 265, 1984
- medulloblastomas and retinoblastomas: CT images of intracranial meningeal metastases, Picard L; Almeras M; Delgoffe C; et al, (Radiology), **150**: 861, 1984
- metrizamide CT ventriculography in the evaluation of a pseudoballooned fourth ventricle, Brooks BS; El Gammal T, (AJNR),
- multifocal central nervous system damage caused by toluene abuse, Lazar RB; Ho SU; Melen O; et al, (Radiology), **152**: 557, 1984
- multifocal CT enhancement in M5, Ebers GC; Vinuela FV; Feasby T; et al, (Radiology), 153: 570 1984
- nonhemorrhagic infarction of the thalamus: behavioral, anatomic, and physiologic correlates, Graff-Radford NR; Eslinger PJ; Damasio AR; et al, (Radiology), **153**: 277,
- nonspecificity of ring enhancement in "medically cured" brain abscess, Dobkin JF; Healton EB; Dickenson T; et al, (Radiology), 153: 276, 1984
- nuclear magnetic resonance tomography in Hallervorden-Spatz syndrome, Vogl TH; Bauer M; Seiderer M; et al, (Radiology), **154**: 564, 1985
- occult cranium bifidum. radiological and surgical findings, Inoue Y; Hakuba A; Fujitani K; et al, (Radiology), **151:** 821, 1984
- perineural tumor extension to the cavernous sinus from superficial facial carcinoma: CT manifestations, Woodruff WW Jr, Yeates AE; McLendon RE, (Radiology), 161: 395, 1986
- peripheral facial nerve dysfunction: CT evaluation, Disbro MA; Harnsberger HR; Osborn AG, (Radiology), **155**: 659, 1985
- plasma-cell granuloma of the fourth ventricle. case report, Maeda Y; Tani E; Nakano M; et al, (Radiology), **154**: 564, 1985
- plasma-cell granuloma of the fourth ventricle. case report, Maeda Y; Tani E; Nakano M; et al, (Radiology), **154:** 854, 1985
- positron emission tomography for quantitative imaging of regional metabolism in the brain, Heiss W-D; Herholz K; Pawlik G; et al, (Radiology), 154: 563, 1985
- primary brain tumors in children, Naidich TP; Zimmerman RA, (Semin Roentgenol), 19:
- primary cerebral neuroblastoma. long-term follow-up review and therapeutic guidelines, Berger MS; Edwards MSB; Wara WM; et al, (Radiology), **152**: 557, 1984
- primary intracerebral hemorrhage: impact of CT on incidence, Drurym I; Whisnant JP; Garraway WM, (Radiology), **154**: 563, 1985
- primary intracranial tumor imaging: a comparison of magnetic resonance and CT, Brant-Zawadzki M; Badami IP; Mills CM; Norman D; Newton TH, (Radiology), 150: 435, 1984
- primary tumors of the facial nerve: diagnosis and management, Pillsbury HC; Price HC; Gardiner LJ, (Radiology), **152**: 558, 1984
- prognostic value of computerized tomography in comatose head-injured patients, var Dongen KJ; Braakman R; Gelpke GJ, (Radiology), 152: 854, 1984
- prophylactic diazepam in prevention of contrast media-associated seizures in glioma patients undergoing cerebral computed tomography. Pagani JJ: Hayman LA; Bigelow RH; et al. (Radiology), 156: 278, 1985
- proportional localization system for anatomical interpretation of cerebral computed tomograms, Vanier M; Lecours AR; Ethier R; et al, (JCAT), 9: 715, 1985
- pure word deafness after bilateral primary auditory cortex infarcts, Coslett HB; Brashear HR; Heilman KM, (Radiology), **154**:

- radiologic changes of the aging brain and skull, LeMay M, (AJNR), 5: 269, 1984 results of computerized tomography, psychometric testing and dietary studies in social drinkers with emphasis on reversibility after abstinence. Cala LA: Jones B; Burns P; et al, (Radiology), 151: 825, 1984
- schizencephaly: a clinical and CT study, Miller GM; Stears JC; Guggenheim MA; et al, (Radiology), 155: 279, 1985
- selecting the optimal plane for CT examination of the base of the skull, Huckman MS; Russell EJ, (AJNR), 5: 333,
- septic cavernous sinus thrombosis associated septic cavernous sinus thrombosis associated with gingivitis and parapharyngeal abscess, Harbour RC; Trobe JD; Ballinger WE, (Radiology), 153: 853, 1984 subdural empyema: CT findings, Zimmerman RD; Leeds NE; Danziger A, (Radiology), 150: 417, 1984
- subdural hematoma secondary to ruptured intracranial aneurysm: computed tomographic diagnosis, Williams JP; Joslyn JN; White JL; et al, (Radiology), 150: 290, 1984
- suprasellar masses, Chambers AA; Lukin RR; Tomsick TA, (Semin Roentgenol), 19: 84,
- toward quantitative characterization of the
- toward quantitative characterization of the caudate nucleus through CT image enhancement, Stein RA; Pearce KI; Nosil J; et al., (JCAT), 9; 708, 1985 toxemia of pregnancy: cerebral CT findings, Naheedy MFI; Biller J; Schiffer M; et al., (JCAT), 9; 497, 1985 transsphenoidal hypophysectomy: postsurgical CT findings, Dolinskas CA; Simeone FA, (AJNR), 6; 45, 1985 transment of tuners; involving the anterior.
- reatment of tumors involving the anterior cranial fossa, Jackson IT; Marsh WR; Hide TAH, (Radiology), 154: 565, 1985 tuberous sclerosis—clinical manifestations and
- genetic implications, Cornell J, (Radiology), 151: 831, 1984
- value of computed tomography in patients with stroke: Oxfordshire community stroke project, Sandercock P; Molyneux A;
- project, Sandercock P; Molyneux A; Warlow C, (Radiology), 156: 567. 1985 Virchow-Robin space: path of spread in neurosarcoidosis, Mirfakhraee M; Crofford MJ; Guinto FC Jr; Nauta HJW; Weedn VW, (Radiology), 158: 715, 1986 Head, injuries
- absent or compressed basal cisterns on first CT scan: ominous predictors of outcome in severe head injury, Toutant SM; Klauber MR; Marshall LF; et al, (Radiology), 155-858 1985
- 155: 858, 1985 bitemporal compression injury caused by static loading mechanism. report of two cases, Echizenya K; Satoh M; Nakagawa T; et al., (Radiology), 158: 284, 1986 cerebral circulation after head injury. part 4. functional anatomy and boundary-zone flow deprivation in the first week of traumatic coma, Overgaard J; Tweed WA, (Radiology), 153: 569, 1984 computed tomography in acute head injuries,
- computed tomography in acute head injuries, Hryshko FG; Deeb ZL, (Radiology), 152: 556, 1984
- cranial computed tomography in the abused child with head injury, Cohen RA; Kaufman RA; Myers PA; et al, (AJNR), 6: 883, 1985
- CT demonstration of optic canal fractures, Guyon JJ; Brant-Zawadzki M; Seiff SR, (AJNR), 5: 575, 1984
- CT detection of occult pneumothorax in head trauma, Tocino IM; Miller MH; Frederick PR; et al, (AJR), 143: 987, 1984
- Frederick PR; et al, (AJR), 143: 987, 1984 early versus late lateral ventricular enlargement following closed head injury, Meyers CA; Levin HS; Eisenberg HM; et al, (Radiology), 152: 856, 1984 emergency skull radiography: effect of restrictive criteria on skull radiography and CT use, Baker SR; Gaylord GM; Lantos G; Tabaddor K; Gallagher EJ, (Radiology), 156: 409, 1985
- head injury: early results of comparing CT and high-field MR, Zimmerman RA; Bilaniuk LT; Hackney DB; et al, (AJNR), 7:
- head trauma evaluated by magnetic resonance ead trauma evaluated by magnetic resonan and computed tomography: a comparison, Han JS: Kaufman B; Alfidi R]; Yeung HN; Benson JE; Haaga JR: El Yousef S]; Clampitt ME; Bonstelle CT; Huss RG, (Radiology), 150: 71, 1984

- infantile subdural effusions. a case report, Aspoas AR, Peacock WJ; Cremin BJ, (Radiology), **155**: 277, 1985
- intracerebral pneumatocele: CT findings, Bhimani S; Virapongse C; Sabshin JK; Sarwar M; Paterson RH Jr, (Radiology), 154:
- intracerebral pneumatoceles following facial trauma: CT findings, Mendelsohn DB; Hertzanu Y, (Radiology), **154:** 115, 1985
- is contrast-enhanced CT indicated in acute head injury?, Mauser HW; van Nieuwenhuizen O; Veiga-Pires JA, (Radiology), 153: 276, 1984
- neuroradiology of head trauma, Tsai FY; Teal IS; Hieshima GB, Reviewed by Hammerschlag SB, (Radiology), 153: 434,
- notice from the Department of Health and Human Services, Arcarese JS, (Radiology), 152: 730, 1984
- pituitary apoplexy following closed head trauma. case report, Holness RO; Ogundimu FA; Langille RA, (Radiology), 152: 557, 1984
- prognostic value of computerized tomography in comatose head-injured patients, van Dongen KJ; Braakman R; Gelpke GJ, (Radiology), **152**: 854, 1984
- radiology of facial fractures, Dolan K; Jacoby C; Smoker W, (Radiographics), 4: 575, 1984
- skull fracture and the low risk of intracranial sequelae in minor head trauma, Thornbury JR; Campbell JA; Masters SJ; et al, (AJNR), 5: 459, 1984
- skull x-rays in head trauma: are they still necessary? a review of 1000 cases, Garniak A; Feivel M; Hertz M; et al, (Eur J Radiol), 6: 89, 1986
- sonography of a hemorrhagic cerebral contusion, Mercker JM; Blumhagen JD; Brewer DK, (AJNR), 6: 115, 1985

#### Head, MR studies

- agenesis of the corpus callosum: magnetic resonance imaging, Davidson HD; Abraham R; Steiner RE, (Radiology), 155: 371, 1985
- 371, 1985
  anatomy and metabolism of the normal human brain studied by magnetic resonance at 1.5
  Tesla, Bottomley PA; Hart HR Jr; Edelstein WA; Schenck JF; Smith LS; Leue WM; Mueller OM; Redington RW, (Radiology), 150: 441, 1984
- applications of magnetic resonance imaging to the head and neck, Dillon WP, (Semin US CT MR), 7: 202, 1986
- central pontine myelinolysis: demonstration by nuclear magnetic resonance, De Witt LD; Buonanno FS; Kistler JP; et al, (Radiology), 154: 563, 1985
- cerebral MR and CT imaging in Creutzfeldt-Jakob disease, Kovanen J; Erkinjuntti T; Iivanainen M; et al, (JCAT), 9: 125, 1985
- head and neck MR imaging in the pediatric patient, Dietrich RB; Lufkin RB; Kangarloo H; Hanafee WN; Wilson GH, (Radiology), 159: 769, 1986
- head injury: early results of comparing CT and high-field MR, Zimmerman RA; Bilaniuk LT; Hackney DB; et al, (AJNR), 7:
- head trauma evaluated by magnetic resonance and comparison, Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR; El Yousef SJ; Clampitt ME; Bonstelle CT; Huss RG, (Radiology), 150: 71, 1984
- (Radiology), 130:71, 1304 hydrogen MR imaging of the head at 0.35 T and 0.7 T: effects of magnetic field strength, Posin JP; Arakawa M; Crooks LE; Feinberg DA; Hoenninger JC; Watts JC; Mills CM; Kaufman L, (Radiology), 157: 679, 100:8
- intracranial lesions: flow-related enhancement on MR images using time-of-flight effects, Kucharczyk W; Kelly WM; Davis DO; Norman D; Newton TH, (Radiology), 161: 767, 1986
- in vivo NMR imaging of sodium-23 in the human head, Hilal SK; Maudsley AA; Ra JB; et al. (JCAT), 9: 1, 1985
- magnetic resonance imaging of head and neck tumors, Dillon WP, (Cardiovasc Intervent Radiol), 8: 275, 1986
- magnetic resonance imaging of the brain in Hurler syndrome, Johnson MA; Desai S; Hugh-Jones K; et al, (AJNR), 5: 816, 1984

magnetic resonance imaging: serial observations in multiple sclerosis, Johnson MA; Li DKB; Bryant DJ; et al, (AINR), 5: 495, 1984

(Krijari, J. 3-2), 1704 MR imaging in patients with metallic implants, Laakman RW; Kaufman B; Han JS; Nelson AD; Clampitt M; O'Block AM; Haaga JR; Alfidi RJ, (Radiology), 157: 711, 1985

rapid medium-resolution 3-D NMR zeugmatographic imaging of the head, Bernardo ML; Lauterbur PC, (Radiology), 151: 829, 1984

151: 829, 1984 strategy for magnetic resonance imaging of the head: results of a semi-empirical model. part 1, Droege RT; Wiener SN; Rzeszotarski MS, (Radiology), 153: 419, 1984 strategy for magnetic resonance imaging of the head: results of a semi-empirical model. part II, Droege RT; Wiener SN; Rzeszotarski MS, (Radiology), 153: 425, 1984

#### Head, neoplasms

comparison of clinical and computed tomographic staging of head and neck tumors, Gatenby RA; Mulhern CB Jr; Strawitz J; et al. (AJNR), 6: 399, 1985

computed tomography of the buccomasseteric region: 2. pathology, Braun IF;
Hoffman JC Jr; Reede D; et al, (AJNR), 5: 611, 1984

off., 1964 CT of perineural tumor extension: pterygopalatine fossa, Curtin HD; Williams R; Johnson J, (AJNR), 5: 731, 1984 extracranial meningiomas of the head and neck, Geoffray A, Lee Y-Y; Jing B-S; et al, (AJNR), 5: 599, 1984

head and neck MR imaging in the pediatric patient, Dietrich RB; Lufkin RB; Kangarloo H; Hanafee WN; Wilson GH, (Radiology), 159: 769, 1986

hemorrhagic nerve sheath tumors (plexiform neurofibromas) of the scalp: CT findings, Nanni D; Lotz PR, (JCAT), 9: 272, 1985

intracranial lesions: flow-related enhancement on MR images using time-of-flight effects, Kucharczyk W; Kelly WM; Davis DO; Norman D; Newton TH, (Radiology), **161**:

inverted papilloma: considerations in treatment, Woodson GE; Robbins KT; Michaels L, (Radiology), 161: 863, 1986

magnetic resonance imaging of head and neck tumors, Dillon WP, (Cardiovasc Intervent Radiol), 8: 275, 1986

metastatic disease to the carvernous sinus: clinical syndrome and CT diagnosis, Post MJD; Mendez DR; Kline LB; et al, (JCAT), 9: 115, 1985

second malignant neoplasms in patients successfully treated with multimodality treatment for advanced head and neck cancer, Vikram B, Strong EW; Shah JP; et al, (Radiology), 153: 283, 1984

sequential chemo-radiotherapy in locally advanced squamous cell carcinoma of the head and neck, Wendt TG; Chucholowski M; Hartenstein R; et al, (Int J Radiat Oncol Biol Phys), **12**: 397, 1986 treatment of advanced head and neck cancer

with accelerated fractionation, Gray AJ, (Int J Radiat Oncol Biol Phys), 12: 9, 1986

## Head, radiography

See also Skull, radiography basic neuroradiology, Sarwar M; Azar-kia B; Batnitzky S, Reviewed by Hammerschlag SB, (Radiology), **150**: 718, 1984

## Head, size

See Skull, size

Head, therapeutic radiology early results of the EORTC randomized clinical trial on multiple fractions per day (MFD) and misonidazole in advanced head and neck cancer, van den Bogaert W; van der Schueren E; Horiot J-C; et al, (Int J Radiat Oncol Biol Phys), **12**: 587, 1986

hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck, Samaan NA; Vieto R; Schultz PN; et al., (Radiology), 150: 294, 1984

patient immobilization during CT for treatment planning of head and neck cancer, Sewchand W; Aygun C; Nicholson G; Salazar OM, (Radiology), 158: 251, 1986

prognostic factors for loco/regional control and metastasis and the impact on survival, Kramer S; Marcial VA; Pajak TF; et al, (Int J Radiat Oncol Biol Phys), 12: 573, 1986

randomized study of adjuvant chemotherapy randomized study of adjuvant chemotherapy for cancer of the upper aerodigestive tract, Kun LE; Toohill RJ; Holoye PY; et al, (Int J Radiat Oncol Biol Phys), 12: 173, 1986 regression of tumors of the head and neck treated with neutrons, Bessell EM; Catterall M, (Radiology), 154: 285, 1985

re-irradiation of advanced tumors of the head and neck with fast neutrons, Errington RD; Catterall M, (Int J Radiat Oncol Biol Phys), 12: 191, 1986

second malignant neoplasms in patients successfully treated with multimodality treatment for advanced head and neck cancer, Vikram B; Strong EW; Shah JP; et al, (Radiology), 153: 283, 1984

#### Head, US studies

intraoperative ultrasound examination of the brain: possible pitfalls in diagnosis and biopsy guidance, Pasto ME; Rifkin MD, (Radiology), **154**: 563, 1985

questions concerning safety and use of cranial ultrasonography in the neonate, Bergman I, (Radiology), **152**: 848, 1984

septal veins: normal finding on neonatal cranial sonography, Goldstein RB; Filly RA; Toi A, (Radiology), **161**: 623, 1986

#### Headache

cavernous sinus thrombophlebitis secondary to sphenoid sinusitis, Sofferman RA, (Radiology), 151: 269, 1984

cranial CT in the investigation of headache: cost-effectiveness for brain tumors, Baker HL Jr, (Radiology), **151**: 267, 1984

See also Coronary vessels; Myocardium; Pericardium

left ventricular volumes measured by MR imaging, Rehr RB; Malloy CR; Filipchuk NG; Peshock RM, (Radiology), 156: 717, 1985

## Heart, abnormalities

anomalous pulmonary venous connections, Moes CAF; Freedom RM; Burrows PE, (Semin Roentgenol), 20: 134, 1985

atrial septal defect, Green CE; Gottdiener JS; Goldstein HA, (Semin Roentgenol), 20: 214, 1985

atrioventricular septal defects, Schwartz DC, (Semin Roentgenol), 20: 226, 1985 cardiac levorotation: cause of false-positive epicardial fat pad sign, Hirji MK; Johnson MA; Hennig RC, (Radiology), 161: 650, 1986. 659, 1986

cine-computed tomography of cor triatriatum, MacMillan RM; Rees MR; Maranhao V; et al, (JCAT), 10: 124, 1986

congenital heart disease: gated MR imaging in 72 patients, Didier D; Higgins CB; Fisher MR; Osaki L; Silverman NH; Cheitlin MD, (Radiology), 158: 227, 1986

congenital heart disease: gated MR imaging in 72 patients, Julsrud PR, (Radiology), 161: 277, 1986

congenital heart disease: gated MR imaging in 72 patients: reply, Didier D, (Radiology), 161: 278, 1986

congenitally corrected transposition in adults with left atrioventricular valve incompetence, Guit GL; Kroon HM; van Voorthuisen AE; Steiner RM; Chin JG; Buis-Liem T, (Radiology), 155: 567, 1985

cyanotic congenital heart disease with suspected stroke, Kurlan R; Griggs RC, (Radiology), 150: 291, 1984

diagnostic significance of two-dimensional echocardiography in newborn and young infants with symptomatic congenital heart defects, Kupferschmid C; Lang D, (Radiology), 152: 255, 1984

double-outlet right ventricle. a clinical-roentgenologic-pathologic study of 28 consecutive patients, De-wen G; Mei-lin L; Zhen-qiong G; et al, (Radiology), 153: 845,

gated magnetic resonance imaging of congenital cardiac malformations, Fletcher BD; Jacobstein MD; Nelson AD; Riemenschneider TA; Alfidi RJ, (Radiology),

giant right atrium secondary to tricuspid valve dysplasia in infancy, Murphey MD; Johnson JA; Mattioli L; et al, (J Ultrasound Med), 4: 353, 1985

hypoplastic right heart complex, Freedom RM; Moes CAF, (Semin Roentgenol), 20: 169, 1985

hypoplastic right-sided heart complex: a cluster of cases with associated congenital birth defects. a new syndrome?, Baetz-Greenwalt B; Ratliff NB; Moddie DS, (Radiology), 152: 254, 1984

(aathology), 132: 234, 1364
magnetic resonance imaging of the heart:
review of the experience in 172 subjects,
Higgins CB; Byrd BF II; McNamara MT;
Lanzer P; Lipton MJ; Bottvirick EH;
Schiller NB; Crooks LE; Kaufman L, (Radiology), 155: 671, 1985

prenatal ultrasonographic diagnosis of cardiomegaly due to tricuspid incompetence, Brown J; Gunn TR; Mora JD; et al. (Pediatr Radiol), 16: 440, 1986

pulmonary vascularity in patients with pulmonary vascularity in patients with pulmonary atresia and ventricular septal defect, Diethelm E; Soto B; Nath PH; Bargeron LM Jr; Kirklin JK, (Radiographics), 5: 243, 1985

radionuclide angiocardiography in the clinical evaluation of cardiac malpositions in situs solitus in adults, Guit GL; Kroon HM; Chin JG; et al, (J Nucl Med), 27: 484, 1986

single ventricle, Swischuk LE, (Semin Roentgenol), 20: 130, 1985

subxiphoid two-dimensional echocardiographic diagnosis of double-chambered right ventricle, Matina D; van Doesburg NH; Fouron J-C; et al, (Radiology), 151: 273, 1984

(Radiology), 151: 273, 1984 subxyphoid 2-dimensional echocardiographic identification of left ventricular papillary muscle anomalies in complete common atrioventricular canal, Chin AJ; Bierman FZ; Sanders SP; et al, (Radiology), 151: 557, 1984 systolic anterior motion of the posterior mitral leaflet: a previously unrecognized cause of dynamic subaortic obstruction in patients

dynamic subaortic obstruction in patients with hypertrophic cardiomyopathy, Maron BJ; Harding AM; Spirito P; et al, (Radiology), 151: 832, 1984 tetralogy of Fallot with atrioventricular canal: an angiographic study, Nath PH; Soto B; Bini RM; et al, (Radiology), 154: 553, 1985

two-dimensional echocardiographic identification of aortica-left ventricular tunnel, Perry JC; Nanda NC; Hicks DG; et al, (Radiology), 152: 554, 1984

variability in the time interval between tricuspid and mitral valve closure in Ebstein's anomaly, Gussenhoven WJ; Jansen RC; Bom N; et al, (Radiology), 154: 860, 1985

ventricular septal defect, Soto B; Bargeron LM Jr; Diethelm E, (Semin Roentgenol), **20**: 200, 1985

#### Heart, anatomy

left ventricular border recognition using a dynamic search algorithm, Pope DL; Parker DL; Clayton PD; Gustafson DE, (Radiology), **155**: 513, 1985

left ventricular volumes measured by MR imaging, Rehr RB; Malloy CR; Filipchuk NG; Peshock RM, (Radiology), 156: 717, 1985

shape and dimensions of cardiac chambers importance of CT section thickness and orientation, Hoffman EA; Ritman EL, (Radiology), 155: 739, 1985

three-dimensional cardiac anatomy and function in heart disease in adults: initial results with the dynamic spatial reconstructor, Sinak LJ; Hoffman EA; Schwartz RS; et al, (Radiology), 157: 574, 1985

## Heart, calcification

calcification of the heart: rare manifestation of chronic renal failure, de Moraes CR, (Pediatr Radiol), **16**: 422, 1986

cardiac and great vessel calcifications in childhood, Bisset GS III, (Semin Roentgenol), **20**: 194, 1985

conduction disturbances related to the site and severity of mitral anular calcification: a 2-dimensional echocardiographic and electrocardiographic correlative study, Takamoto T; Popp RL, (Radiology), 151: 557,

multiple aortic root echoes: clinical, radiographic, and angiographic correlations, Butman S; Schatz RE; Chandraratna P; et al, (Radiology), 154: 282, 1985

## Heart, catheterization

catheter pericardiocentesis in the postoperative period, Erikson U; Aberg T; Klingen G, (Radiology), **150**: 857, 1984

- complications of right heart catheterization: prospective autopsy study, Conners AF Jr; Castele RJ; Farhat NZ; et al, (Radiology), **158**:
- cottrast agents for cardiac angiography: effects of a nonionic agent vs. a standard ionic agent, Bettmann MA; Bourdillon PD; Barry WH; Brush KA; Levin DC, (Radiology), 153: 583, 1984
- (Radiology), 153: 583, 1984 outpatient arteriography and cardiac catheterization: effective alternatives to inpatient procedures, Rogers WF; Moothart RW, (AJR), 144: 233, 1985 radiation doses and somatic risk to patients during cardiac radiological procedures, Faulkner K; Love HG; Sweeney JK; et al, (Br J Radiol), 59: 359, 1986

#### Heart CT

- cardiac chambers and their walls in cardiomyopathies as evaluated with CT, Wojtowicz J; Pawlak B; Lehman Z; et al, (Radiology), **154**: 553, 1985
- cardiac imaging with a high-speed cine-CT scanner: preliminary results, Lipton MJ; Higgins CB; Farmer DW; Boyd DP, (Radiology), 152: 579, 1984
- cine-computed tomography of cor triatriatum, MacMillan RM; Rees MR; Maranhao V; et al, (JCAT), 10: 124, 1986
- cine-computed tomography of Ebstein anomaly, Garrett JS; Schiller NB; Botvinick EH; et al, (JCAT), 10: 664, 1986
- computed tomographic diagnosis of an intracardiac metastasis from osteosarcoma, Watts FB Jr; Zingas AP; Das L; et al, (Radiology), 151: 554, 1984
- computed tomographic evaluation of morphological and functional condition of left ventricle in heart aneurysm, Rabkin I; Ovtchinnikov V; Judin A, (Eur J Radiol), 6:
- computed tomography in congenital heart disease, Farmer DW; Lipton MJ; Webb WR; et al, (Radiology), **155**: 284, 1985
- computed tomography of the heart and great vessels: present and future, Brundage BH; Rich S; Spigos DG, (Radiology), 155: 556,
- CT features of cardiopericardial masses, Vasile N; Nicoleau F; Mathieu D, (Eur J Radiol), 6: 21, 1986
- CT findings of atrial myxoma, Tsuchiya F; Kohno A; Saitoh R; Shigeta A, (Radiology), 151: 139, 1984
- differentiation of constrictive pericarditis from restrictive cardiomyopathy by computed tomographic imaging, Isner JM; Carter BL; Bankoff MS; et al., (Radiology), 151: 271,
- evaluation of intracardiac thrombus with computed tomography, Tomoda H; Hoshiai M; Furuya H; et al, (Radiology), **150**:
- gated cardiac imaging using a continuously rotating CT scanner: clinical evaluation of 91 patients, Oyama Y; Uji T; Hirayama T; et al. (AJR), 142: 865, 1984
- heart evaluation by cine CT: use of two new oblique views, Rees MR; Feiring AJ; Rumberger JA; MacMillan RM; Clark DL, (Radiology), 159: 805, 1986
- idiopathic enlargement of the right atrium, Schlemmer M; Wimmer M; Ponhold W; et al, (Radiology), **151**: 263, 1984
- in vivo assessment of left ventricular wall and chamber dynamics during transient chamber dynamics during transient myocardial ischemia using prospectively ECG-gated computerized transmission tomography, Mattrey RF; Slutsky RA; Long SA; et al. (Radiology), 151: 271, 1984
- in vivo estimation of myocardial infarct size and left ventricular function by prospectively gated computerized transmission tomography, Slutsky RA; Mattrey RF; Long SA; et al, (Radiology), 150: 614, 1984
- magnetic resonance imaging and computed tomography in congenital heart disease, Fisher MR; Lipton MJ; Higgins CB, (Semin Roentgenol), 20: 272, 1985
- new horizons in cardiac imaging, Higgins CB, (Radiology), **156**: 577, 1985
- noninvasive detection of intracardiac tumors Niehues B; Heuser L; Jansen W; et al, (Radiology), 150: 297, 1984
- quantitation of cardiac function by cine-CT, Lipton MJ, (Radiol Clin North Am), 23: 613, 1985

- quantitation of size of myocardial infarctions by computerized trammission tomography: comparison with hot-spot and cold-spot radionuclide scans, Gerber KH; Higgins CB, (Radiology), 150: 866, 1984
- shape and dimensions of cardiac chambers: importance of CT section thickness and orientation, Hoffman EA; Ritman EL, (Radiology), 155: 739, 1985
- subtraction gated computed tomography with the dynamic spatial reconstructor: simultaneous evaluation of left and right heart from single right-sided bolus contrast medium injection, Sinak LJ; Hoffman EA; Ritman EL, (Radiology), 153: 278, 1984
- three-dimensional cardiac anatomy and ree-dimensional cardiac anatomy and function in heart disease in adults: initial results with the dynamic spatial reconstructor, Sinak LJ; Hoffman EA; Schwartz RS; et al, (Radiology), 157: 574,
- use of CT in the evaluation of primary cardiac tumors, Chaloupka JC; Fishman EK; Siegelman SS, (Cardiovasc Intervent Radiol), 9: 132, 1986

### Heart, digital subtraction angiography

- incidence of fibrillation with dilute contrast media for intra-arterial coronary digital subtraction angiography, Morris TW; Ventura J, (Invest Radiol), 21: 416, 1986
- videodensitometric ejection fractions from intravenous digital subtraction left wentriculograms: correlation with conventional direct contrast and radionuclide ventriculography, Detrano R; MacIntyre WJ; Saicedo EE; O'Donnell JA; Underwood DA; Simpfendorfer C; Go RT; Jones H; Butters K; Leatherman J, (Radiology), 155: 19, 1985

#### Heart, diseases

- adult with congenital heart disease, Kaplan S, (Semin Roentgenol), 20: 151, 1985
- cardiac chambers and their walls in cardiomyopathies as evaluated with CT, Wojtowicz J; Pawlak B; Lehman Z; et al, (Radiology), **154**: 553, 1985
- cardiac disease after radiation therapy for Hodgkin's disease: analysis of 48 patients, Applefeld MM; Wiernik PH, (Radiology), Applefeld MM 151: 565, 1984
- case reports. phaeochromocytoma and cardiomyopathy, Velasquez G; D'Souza VJ; Hackshaw BT; et al, (Radiology), **152**: 840,
- computed tomography in congenital heart disease, Farmer DW; Lipton MJ; Webb WR; et al, (Radiology), **155**: 284, 1985
- congenital syndromes with congenital heart disease, O'Brien KM, (Semin Roentgenol), 20: 104, 1985
- detection of coronary artery disease with exercise two-dimensional echocardiography. description of a clinically applicable method and comparison with radionuclide ventriculography, Limacher MC; Quinones MA; Poliner LR; et al, (Radiology), 151: 274, 1984
- detection of severe coronary heart disease with TI-201: comparison of resting single photon emission tomography with invasive arteriography, Kirsch C-M; Doliwa R; Buell U; et al, (Radiology), 152: 869, 1984
- digital subtraction angiography in congenital heart disease, Tonkin ILD, (Semin Roentgenol), **20**: 283, 1985
- Doppler detection of tricuspid regurgitation following Kawasaki disease, Nakano H; Ueda K; Saito A; et al, (Pediatr Radiol), 16:
- dynamic spatial reconstructor: investigating congenital heart disease in four dimensions, Sinak LJ; Hoffman EA; Julsrud PR; et al, (Radiology), 155: 276, 1985
- evaluating the radiographic assessment of pulmonary venous hypertension in chronic heart disease, Baumstark A; Swensson RG; Hessel SJ; et al, (AJR), 142: 877, 1984
- gated magnetic resonance imaging of the normal and diseased heart, Lieberman JM; Alfidi RJ; Nelson AD; Botti RE; Moir TW; Haaga JR; Kopiwoda S; Miraldi FD; Cohen AM; Butler HE; Nara A; Hellerstein HK, (Radiology), **152**: 465, 1984

- heterogeneous morphologic expression of genetically transmitted hypertrophic cardiomyopathy, two-dimensional echocardiographic analysis, Ciro E; Nichols PF III; Maron BJ, (Radiology), 151: 274, 1984
- hypertrophic osteoarthropathy in a young child with congenital cyanotic heart disease, Katariya S; Prasad PJ; Marwaha RK; et al, (Br J Radiol), **59**: 75, 1986
- importance of segmental situs in the diagnosis of congenital heart disease, Van Praagh R, (Semin Roentgenol), **20**: 254, 1985
- interventional techniques in congenital heart disease, Mitchell SE; Kan JS; White RI Jr, (Semin Roentgenol), **20**: 290, 1985
- interventricular septal configuration as a predictor of right ventricular systolic hypertension in children: a cross-sectional echocardiographic study, King ME; Braun H; Goldblatt A; et al, (Radiology), 151: 548, 1984
- investigation of abnormal pulmonary arteries in congenital heart disease, Burrows PE; Freedom RM; Rabinovitch M; et al, (Radiol Clin North Am), 23: 689, 1985
- magnetic resonance imaging and computed tomography in congenital heart disease, Fisher MR; Lipton MJ; Higgins CB, (Semin Roentgenol), 20: 272, 1985
- magnetic resonance imaging of the heart: review of the experience in 172 subjects, Higgins CB; Byrd BF II; McNamara MT; Lanzer P; Lipton MJ; Botvinick EH; Schiller NB; Crooks LE; Kaufman L, (Radiology), 155: 671, 1985
- new horizons in cardiac imaging, Higgins CB, (Radiology), 156: 577, 1985
- pulmonary blood volume: analysis during exercise in patients with left ventricular dysfunction, Slutsky RA; Shabetai R; LeWinter M; et al, (Radiology), 153: 281,
- radiographic manifestations of cardiac sarcoid, Chiles C; Adams GW; Ravin CE, (AJR), 145: 711, 1985
- radionuclide evaluation of left-ventricular function in chronic chagas cardiomyopathy, Arreaza N; Puigbo JJ; Acquatella H; et al, (Radiology), 152: 269, 1984
- (Nationally), 132-269, 1364
  significance of left ventricular outflow tract
  cross-sectional area in hypertrophic
  cardiomyopathy: a two-dimensional
  echocardiographic assessment, Spirito P;
  Maron BJ, (Radiology), 151: 274, 1984
- superior vena caval abnormalities: their nperior vena caval abnormalities: their occurrence rate, associated cardiac abnormalities and angiographic classification in a paediatric population with congenital heart disease, Buirski G; Jordan SC; Joffe HS; et al, (Clin Radiol), 37: 131 1984. 131, 1986
- transectional echo planar imaging of the heart in cyanotic congenital heart disease, Chrispin A, Small P; Rutter N; et al, (Pediatr Radiol), 16: 293, 1986
- two-dimensional echocardiographic evaluation of dilated cardiomyopathy in children, Goldberg SJ; Valdes-Cruz LM; Sahn DJ; et al. (Radiology), 152: 850, 1984
- value of two-dimensional echocardiography in endomyocardial disease with and without eosinophilia. a clinical and pathologic study. Acquatella H; Schiller NB; Puigbo JJ; et al. (Radiology), 151: 273, 1984

## Heart, effects of drugs on

in patients with cardiac disease, in patients with cardiac disease, Hesselink JR, Hayman LA; Chung KJ; McGinnis BD; Davis KR; Taveras JM, (Radiology), 153: 577, 1984

#### Heart, effects of irradiation on

electrocardiographic changes after radiation therapy for carcinoma of the breast. incidence and functional significance, Lindahl J; Strender L-E; Larsson L-E; et al, (Radiology), 154: 286, 1985

## Heart, ejection fraction

- ejection fraction determination by MR imaging: comparison with left ventricular angiography, Stratemeier EJ; Thompson R; Brady TJ; Miller SW; Saini S; Wismer GL; Okada RD; Dinsmore RE, (Radiology), 158:
- evaluation of the accuracy of steady-state krypton-81m method for calculating right ventricular ejection fraction, Ham HR; Franken PR; Georges B; et al, (J Nucl Med),

- first-pass determination of the right ventricular ejection fraction using two regions of interest and the right anterior oblique view, Wasserman HJ; Otto A, (Radiology), 154: 570, 1985
- first-pass radionuclide angiography via pulmonary arterial catheters. a critical analysis of background components, Dymond DS; Grenier RP; Carpenter J; Schmidt DH, (Radiology), **150**: 819, 1984
- gold-195m first-pass radionuclide ventriculography, thallium-201 single-photon emission CT, and 12-lead ECG stress testing as a combined procedure, Kipper SL; Ashburn WL; Norris SL; Rimkus DS; Dillon WA, (Radiology), 156: 817, 1985
- left ventricular function evaluation using radionuclide methods in the intensive coronary care unit, van Aswegen A; Otto AC; Herbst CP; Marx JD; Kleynhans PHT; Lotter MG; Minnaar PC, (Radiology), **158**: 252, 1986
- multiple-hospital survey of ejection-fraction variability using a cardiac phantom, Makler PT; McCarthy DM; Bergey P; et al, (Radiology), **158:** 573, 1986
- scintigraphic assessment of atrial function in patients with long-standing hypertension, Marmor A; Frankel A; Blondeheim DS; Satinger A; Front D, (Radiology), **151:** 483,
- videodensitometric ejection fractions from intravenous digital subtraction left ventriculograms: correlation with conventional direct contrast and radionuclide ventriculography, Detrano R; MacIntyre WJ; Salcedo EE; O'Donnell JA; Underwood DA; Simpfendorfer C; Go RT; Jones H; Butters K; Leatherman J, (Radiology), 155: 19, 1985

#### Heart, experimental studies

- comparison of the effects of intravenous and direct left ventricular contrast injections on left ventricular function, Norris SL; Mancini GBJ; Slutsky RA; et al, (Radiology), 151: 818, 1984
- differentiation of reversible and irreversible myocardial injury by MR imaging with and without gadolinium-DTPA, McNamara MT; Tscholakoff D; Revel D; Soulen RL; Schechtmann N; Botvinick EH; Higgins CB, (Radiology), 158: 765, 1986
- shape and dimensions of cardiac chambers: importance of CT section thickness and orientation, Hoffman EA; Ritman EL, (Radiology), **155**: 739, 1985

## Heart, failure

- \*chest radiographs in congestive heart failure: response to therapy in acute and chronic heart disease, Slutsky RA; Brown JJ, (Radiology), 154: 577, 1985
- pulmonary lymphangitic carcinomatosis from vaginal carcinoma presenting as congestive heart failure, Koenigs KP; Campbell DR; Magrina J; et al, (Radiology), **151**: 257, 1984
- vascular pedicle of the heart and the vena azygos. part II: acquired heart diseas Pistolesi M; Milne ENC; Miniati M; Giuntini C, (Radiology), **152**: 9, 1984

## Heart, fibroma

real-time ultrasound diagnosis of cardiac fibroma in a neonate, de Ruiz M; Potter JL; Stavinoha J; et al, (J Ultrasound Med), 4: 367,

## Heart, flow dynamics

- assessment of regional wall motion and perfusion by multigated myocardial perfusion scintigraphy after intracoronary TI-201, Parker JA; Markis JE; Royal HD, (Radiology), 154: 783, 1985
- cardiac emission computed tomography: underestimation of regional tracer concentrations due to wall motion abnormalities, Parodi O; Schelbert HR; Schwaiger M; et al, (JCAT), 8: 1083, 1984
- effect of region of interest selection on first-pass radionuclide cardiac output determination, Glass EC; Rahimian J; Hines HH, (J Nucl Med), 27: 1282, 1986
  - \* The author has retracted this publication

- gated MR imaging of the heart: intracardiac signals in patients and healthy subjects, von Schulthess GK; Fisher MR; Crooks LE; Higgins CB, (Radiology), 156: 125, 1985
- new horizons in cardiac imaging, Higgins CB, (Radiology), 156: 577, 1985
- pulmonary blood volume: analysis during exercise in patients with left ventricular dysfunction, Slutsky RA; Shabetai R; LeWinter M; et al, (Radiology), 153: 281,
- systolic arterial pressure/end-systolic volume relationship in patients with severe left ventricular dysfunction, Slutsky RA; Watkins J; Engler R, (Radiology), 155: 286, 1985

#### Heart, function

- abnormal diastolic left ventricular posterior wall motion in left ventricular hypertrophy, Kramer PH; Djalaly A; Poehlmann H; et al, (Radiology), **152**: 265, 1984
- analysis of cardiac diastolic function: application in coronary artery disease, Miller TR; Goldman KJ; Sampathkumaran KS; et al, (Radiology), **150**: 302, 1984
- correlation of echocardiographic wall stress and left ventricular pressure and function in aortic stenosis, DePace NL: Ren J-F; Iskandrian AS; et al, (Radiology), 151: 274,
- Doppler-echocardiographic assessment of cardiac output, Ascah KJ; Stewart WJ; Levine RA; et al, (Radiol Clin North Am), 23: 659, 1985
- gated xenon scans for right ventricular function, Martin W; Tweddel AC; McGhie I; et al, (J Nucl Med), **27**: 609, 1986
- left ventricular stroke volume determinations from radionuclide ventriculograms: effects of photon attenuation, Schwaiger M; Ratib O; Henze E; Grossman R; Dracup K; Tillisch JH; Bae JH; Schelbert HR, (Radiology), 153: 235, 1984 quantitation of cardiac function by cine-CT, Lipton MJ, (Radiol Clin North Am), 23: 613, 1985 left ventricular stroke volume determinations
- quantitation of regional cardiac function by two-dimensional echocardiography. I. patterns of contraction in the normal left ventricle, Haendchen RV; Wyatt HL; Maurer G; et al, (Radiology), 151: 273, 1984
- quantitative analysis of left ventricular function: pre- and postischemic two-dimensional echocardigraphy in dogs Henschke CI; Ellis SG, Risser TA; et al, (AJR), 143: 537, 1984
- quantitative analysis of left-ventricular function using gated single photon emission tomography, Barat J-L; Brendel AJ; et al, (Radiology), **158**: 573, 1986
- (Radiology), 158: 573, 1986 regional perfusion, glucose metabolism, and wall motion in patients with chronic electrocardiographic Q-wave infarctions: evidence for persistence of viable tissue in some infarct regions by positron emission tomography, Brunken R; Tillisch J; Schwaiger M; et al, (Radiology), 161: 285, 1986.
- relationship of radionuclide indexes of cardiac function during interventions: volume loading, afterload stress, exercise, and pacing, Slutsky RA, (Radiology), **150**: 302, 1984
- scintigraphic assessment of atrial function in patients with long-standing hypertension, Marmor A; Frankel A; Blondeheim DS; Satinger A; Front D, (Radiology), 151: 483,
- three-dimensional cardiac anatomy and function in heart disease in adults: initial results with the dynamic spatial reconstructor, Sinak LJ; Hoffman EA; Schwartz RS; et al, (Radiology), 157: 574, 1985

#### Heart, hernia

- cardiac herniation and volvulus: radiographic findings, Brady MB; Brogdon BG, (Radiology), **161**: 657, 1986
- (kalology), 181: 05, 1900 cardiac volvulus: plain film recognition of an often fatal condition, Castillo M; Oldham S, (AJR), 145: 271, 1985
- impending cardiac herniation: snow cone sign, Gurney JW; Arnold S; Goodman LR, (Radiology), 161: 653, 1986
- intrapericardial diaphragmatic hernia after subxiphoid epicardial pacemaker insertion: case reports, Swartz D: Livingston C; Tio F; et al, (Radiology), 156: 263, 1985

### Heart, hypertrophy

- apical hypertrophic cardiomyopathy, Kereiakes DJ; Anderson DJ; Crouse L; et al, (Radiology), **150**: 867, 1984
- (Radiology), to the chocardiographic assessment of left ventricular hypertrophy: comparison to necropsy findings, Devereux RB; Alonso DR; Lutas EM; et al. (Radiology), 160:
- echocardiographic detection of right ventricular hypertrophy, Baker BJ; Scovil JA; Kane JJ; et al, (Radiology), 150: 615, 1984
- genesis of the systolic murmur of idiopathic hypertrophic subaortic stenosis: phonocardiographic, echocardiographic, and pulsed Doppler ultrasound correlations, Chandraratna PAN; Aronow WS, (Radiology), **150**: 615, 1984
- 'tear drop sign" in hypertrophic cardiomyopathy: finding on gated cardiac imaging, Al-Bahar R; Hayatt N; Mohammed MM; et al, (Clin Nucl Med), 11: 121, 1986

#### Heart, infarction

- diagnosis and early complications of right ventricular infarction, Garty I; Barzilay J; Bloch L; et al, (Radiology), 155: 557, 1985
- differentiation of reversible and irreversible myocardial injury by MR imaging with and without gadolinium-DTPA, McNamara MT; Tscholakoff D; Revel D; Soulen RL; Schechtmann N; Botvinick EH; Higgins CB, (Radiology), 158: 765, 1986
- gated magnetic resonance imaging of the normal and diseased heart. Lieberman JM; Alfidi RJ; Nelson AD; Botti RE; Moir TW; Haaga JR; Kopiwoda S; Miraldi FD; Cohen AM; Butler HE; Nara A; Hellerstein HK, (Radiology), 152: 465, 1984
- left ventricular mural thrombi secondary to factors and embolic phenomenon, Arvan S, (Radiology), 152: 563, 1984
- mural thrombi in myocardial infarctions prospective evaluation by two-dimensional echocardiography, Keating EC; Gross SA; Schlamowitz RA; et al, (Radiology), 153: 280,
- myocardial infarct size quantification by MR Jocardial infarct size quantification by imaging early after coronary artery occlusion in dogs, Rokey R; Verani MS; Bolli R; Kuo LC; Ford JJ; Wendt RE; Schneiders NJ; Bryan RN; Roberts R, (Radiology), 158: 771, 1986
- negative lung thallium—201 uptake in right ventricular infarction, Benjelloun H; Itti R; Lorgeron JM; et al. (Radiology), 153: 281, 1984
- phase and amplitude imaging in the diagnosis of acute right ventricular damage in inferior infarction, Lisbona R; Sniderman A; Derbekyan V; et al, (Radiology), **152**: 565,
- quantitation of size of myocardial infarctions by computerized tranmission tomography: comparison with hot-spot and cold-spot radionuclide scans, Gerber KH; Higgins CB, (Radiology), 150: 866, 1984
- quantitative computer-assisted analysis of left ventricular wall thickening and motion by 2-dimensional echocardiography in acute myocardial infarction, Henschke Cl; Riser TA; Sandor T; et al, (Radiology), 152: 264, 1984
- right ventricular thrombus formation in association with acute myocardial infarction: diagnosis by 2-dimensional echocardiography, Stowers SA; Leiboff RH; Wasserman AG; et al, (Radiology), **152**: 563,
- unsuspected left ventricular pseudoaneurysm, Breisblatt WM; Berger RB; Cabin HS; et al, (AJR), 142: 680, 1984

#### Heart, inflammation

See Endocarditis

#### Heart, injuries

- catheter-induced lesions of the right side of the heart: a one-year prospective study of 141 autopsies, Ducatman BS; McMichan JC; Edwards WD, (Radiology), **156**: 263, 1985
- pleuropulmonary manifestations of the postcardiac injury syndrome. Stelzner TH Jr; King TE Jr; Antony VB; et al., (Radiology), 151: 817, 1984

- posttraumatic cardiac dysfunction: assessment with radionuclide ventriculography, Rosenbaum RC; Johnston GS, (Radiology), 160: 91, 1986
- traumatic myocardial dysfunction, Harley DP; Mena I; Narahara KA; et al, (Radiology), 154: 570, 1985

#### Heart, insufficiency See Heart, failure

#### Heart, ischemia

- in vivo assessment of left ventricular wall and chamber dynamics during transient myocardial ischemia using prospectively ECG-gated computerized transmission tomography, Mattrey RF; Slutsky RA; Long SA; et al, (Radiology), 151: 271, 1984
- magnetic resonance imaging of ischemic heart disease, Revel D; Higgins CB, (Radiol Clin North Am), 23: 719, 1985
- myocardial ischemia during intravenous DSA in patients with cardiac disease, Hesselink JR; Hayman LA; Chung KJ; McGinnis BD; Davis KR; Taveras JM, (Radiology), 153: 577, 1984
- usefulness of digital subtraction left ventriculography in patients with ischemic heart disease: comparison with cineangiography. Paquet E; Courassa MG; Lesperance J; et al, (Radiology), 157: 279, 1985
- visual versus computerized assessment of left ventricular function from cineangiography, Qureshi SA; Pridie RB; Parnell B; et al, (Radiology), 152: 250, 1984

#### Heart, MR studies

- aspects of cardiac diagnosis using synchronized NMR imaging, Heidelberger E; Petersen 5B; Lauterbur PC, (Radiology), 151: 829, 1984
- (Raduology), 1817 625, 1794 cardiac imaging using gated magnetic resonance, Lanzer P; Botvinick EH; Schiller NB; Crooks LE; Arakawa M; Kaufman L; Davis PL; Herfkens RJ; Lipton MJ; Higgins CB, (Radiology), 150: 121, 1984
- cardiac magnetic resonance imaging: Massachusetts General Hospital experience, Miller SW; Brady TJ; Dinsmore RE; et al, (Radiol Clin North Am), 23: 745, 1985
- cardiac MR imaging in Pompe disease, Boxer RA; Fishman M; LaCorte MA; et al, (JCAT), **10**: 857, 1986
- cardiac transplantations in dogs: evaluation with MR, Tscholakoff D; Aherne T; Yee ES; Derugin N; Higgins CB, (Radiology), 157: 697, 1985
- comparison of gated cardiac MRI and 2D echocardiography of intracardiac neoplasms, Go RT; O'Donnell JK; Underwood DA; et al, (AJR), 145: 21, 1985
- congenital heart disease: gated MR imaging in 72 patients, Didier D; Higgins CB; Fisher MR; Osaki L; Silverman NH; Cheitlin MD, (Radiology), 158: 227, 1986
- congenital heart disease: gated MR imaging in 72 patients, Julsrud PR, (Radiology), 161: 277, 1986
- congenital heart disease: gated MR imaging in 72 patients: reply, Didier D, (Radiology), 161: 278, 1986
- demonstration of pulmonary embolism by magnetic resonance imaging, Thickman D; Kressel HY; Axel L, (AJR), 142: 921, 1984
- ECG-synchronized cardiac MR imaging: method and evaluation, Lanzer P; Barta C; Botvinick EH; Wiesendanger HUD; Modin G; Higgins CB, (Radiology), 155: 681, 1985
- echo planar imaging of normal and abnormal connections of the heart and great arteries, Chrispin A; Small P; Rutter N; et al, (Pediatr Radiol), 16: 289, 1986
- Radiol), 16: 207, 1750
  ejection fraction determination by MR
  imaging: comparison with left ventricular
  angiography, Stratemeier EJ; Thompson R;
  Brady TJ; Miller SW; Saini S; Wismer GL;
  Okada RD; Dinsmore RE, (Radiology), 158:
  775, 1986
- gated cardiac magnetic resonance structural imaging; optimization by electronic axial rotation, Feiglin DH; George CR; MacIntyre W]; O'Donnell JK; Go RT; Pavlicek W; Meaney TF, (Radiology), 154: 120, 1082.
- gated cardiac MRI: ejection-fraction determination using the right anterior oblique view, Buckwalter KA; Aisen AM; Dilworth LR; et al, (AJR), 147: 33, 1986

- gated magnetic resonance imaging for assessment of cardiac function and myocardial infarction, Tscholakoff D; Higgins CB, (Radiol Clin North Am), 23: 449, 1985
- gated magnetic resonance imaging of congenital cardiac malformations, Fletcher BD; Jacobstein MD; Nelson AD; Riemenschneider TA; Alfidi RJ, (Radiology), 150: 137, 1984
- gated magnetic resonance imaging of the normal and diseased heart, Lieberman JM; Alfidi RJ; Nelson AD: Botti RE; Moir TW; Haaga JR; Kopiwoda S; Miraldi FD; Cohen AM; Butler HE; Nara A; Hellerstein HK, (Radiology), 152: 465, 1984
- gated MR imaging of left atrial myxomas, Conces DJ Jr; Vix VA; Klatte EC, (Radiology), 156: 445, 1985
- gated MR imaging of the heart: intracardiac signals in patients and healthy subjects, von Schulthess GK, Fisher MR; Crooks LE; Higgins CB, (Radiology), 156: 125, 1985
- gated MRI of cardiac and paracardiac masses: initial experience, Amparo EG; Higgins CB; Farmer DW; et al, (AJR), 143: 1151, 1984
- inner volume MR imaging: technical concepts and their application, Feinberg DA; Hoenninger JC; Crooks LE; Kaufman L; Watts JC; Arakawa M, (Radiology), 156: 743, 1985
- in vivo <sup>19</sup>F NMR imaging of the cardiovascular system, Joseph PM; Fishman JE; Mukherji B; et al, (JCAT), **9**: 1012, 1985
- left ventricular volumes measured by MR imaging, Rehr RB; Malloy CR; Filipchuk NG; Peshock RM, (Radiology), 156: 717, 1985
- levotransposition of the aorta: identification of segmental cardiac anatomy using MR imaging, Guit GL; Bluemm R; Rohmer J; Wenink AC; Chin JG; Doornbos J; van Voorthuisen AE, (Radiology), 161: 673, 1986
- magnetic resonance imaging and computed tomography in congenital heart disease, Fisher MR; Lipton MJ; Higgins CB, (Semin Roentgenol), 20: 272, 1985
- magnetic resonance imaging of aneurysms and thrombi, Zeitler E; Kaiser W; Schuierer G; et al, (Cardiovasc Intervent Radiol), 8: 321, 1986
- magnetic resonance imaging of clots in the heart and vascular system, Zeitler E; Kaiser W; Schuierer G; et al, (Radiology), 157: 861, 1985
- magnetic resonance imaging of ischemic heart disease, Revel D; Higgins CB, (Radiol Clin North Am), 23: 719, 1985
- †magnetic resonance imaging of prosthetic heart valves, Soulen RL; Budinger TF; Higgins CB, (Radiology), **154**: 705, 1985
- magnetic resonance imaging of prosthetic heart valves, Soulen RL, (Radiology), 158: 279, 1986
- magnetic resonance imaging of the heart, Lieberman JM; Botti RE; Nelson AD, (Radiol Clin North Am), 22: 847, 1984
- magnetic resonance imaging of the heart: positioning and gradient angle selection for optimal imaging planes, Dinsmore RE; Wismer GL, Levine RA; et al, (AJR), 143: 1135-1946.
- magnetic resonance imaging of the heart: review of the experience in 172 subjects. Higgins CB, Byrd BF II; McNamara MT; Lanzer P; Lipton MJ; Botvinick EH; Schiller NB; Crooks LE; Kaufman L, (Radiology), 155: 671, 1985
- magnetic resonance imaging of the heart using image planes oriented to cardiac axes: experience with 100 cases, Dinsmore RE; Wismer GL; Miller SW; et al, (AJR), 145: 1177 1985.
- magnetic resonance imaging of the interatrial septum and atrial septal defects, Dinsmore RE; Wismer GL; Guyer D; et al, (AJR), 145: 697, 1985
- magnetic resonance imaging strategies for heart studies, Crooks LE; Barker B; Chang H; Feinberg DA; Hoenninger JC; Watts JC; Arakawa M; Kaufman L; Sheldon PE; Botvinick EH; Higgins CB, (Radiology), 153: 459, 1984

- measurement of normal left heart dimensions using optimally oriented MR images, Kaul S; Wismer GL; Brady TJ; et al, (AJR), 146: 75, 1986
- MR imaging of cardiac thrombi, Dooms GC; Higgins CB, (JCAT), 10: 415, 1986
- MRI of perivalvular infectious pseudoaneurysms, Winkler ML; Higgins CB, (AJR), 147: 253, 1986
- multiphasic cardiac magnetic resonance imaging: normal regional left ventricular wall thickening, Fisher MR; von Schulthess GK; Higgins CB, (AJR), 145: 27, 1985
- multiplane magnetic resonance imaging of the heart and major vessels: studies in normal volunteers, Higgins CB; Stark DD; McNamara M; et al. (AJR), 142: 661, 1984
- myocardial infarct size quantification by MR imaging early after coronary artery occlusion in dogs, Rokey R; Verani MS; Bolli R; Kuo LC; Ford JJ; Wendt RE; Schneiders NJ; Bryan RN; Roberts R, (Radiology), 158: 771, 1986
- new horizons in cardiac imaging, Higgins CB, (Radiology), 156: 577, 1985
- nongated cardiac magnetic resonance imaging: preliminary experience at 0.12 T, Choyke PL; Kressel HY; Reichek N; et al, (AJR), 143: 1143, 1984
- noninvasive study of high-energy phosphate metabolism in human heart by depthresolved 31 NMR spectroscopy, Bottomley PA, (Radiology), 158: 862, 1986
- nuclear magnetic resonance imaging of the heart, Steiner RE, (Cardiovasc Intervent Radiol), 8: 314, 1986
- nuclear magnetic resonance. potential applications in clinical cardiology, Pohost GM; Ratner AV, (Radiology), 153: 857, 1984
- oblique magnetic resonance imaging of the cardiovascular system, Rholl KS; Levitt RG; Glazer HS; Gutierrez FR; Murphy WA; Lee JKT; Geltman EM; Peterson RR, (Radiographics), 6: 177, 1986
- oblique views of the heart by magnetic resonance imaging, Murphy WA; Gutierrez FR; Levitt RG; Glazer HS; Lee JKT, (Radiology), 154: 225, 1985
- observation of intracellular potassium and sodium in the heart by NMR: major fraction of potassium is "invisible", Fossel ET; Hoefeler H, (Magn Res Med), 3: 534, 1986
- overview of MR of the heart-1986 Higgins CB, (AJR), 146: 907, 1986
- radiology of cardiac pacemakers, Steiner RM; Tegtmeyer CJ; Morse D: Moses ML; Goodman LR; Nanda N; Ravin CE; Parsonnet V; Flicker S, (Radiographics), 6: 373. 1986
- respiratory gating in magnetic resonance imaging at 0.5 tesla, Runge VM; Clanton JA; Partain CL; James AE Jr, (Radiology), 151: 521, 1984
- transectional echo planar imaging of the heart in cyanotic congenital heart disease, Chrispin A; Small P; Rutter N; et al, (Pediatr Radiol), 16: 293, 1986
- volume and planar gated cardiac magnetic resonance imaging: a correlative study of normal anatomy with thallium-201 SPECT and cadaver sections, Go RT: MacIntyre WJ; Yeung HN; Kramer DM; Geisinger M; Chilcote WA; George C; O'Donnell JK; Moodie DS; Meaney TF, (Radiology), 150: 129, 1984.

### Heart, neoplasms

- bronchogenic cavoatrial tumor thrombus: CT demonstration, Borts FT; Rohatgi PK; Sehgal E, (JCAT), 9: 1115, 1985
- cardiac tumor associated with tuberous sclerosis: CT diagnosis, Cornalba G; Dore R, (JCAT), 9: 809, 1985
- cardiac tumors: clinical spectrum and prognosis of lesions other than classical benign myxoma in 20 patients, Reece IJ; Cooley DA; Frazier OH; et al, (Radiology), 156: 263, 1985
- comparison of gated cardiac MRI and 2D echocardiography of intracardiac neoplasms, Go RT; O'Donnell JK; Underwood DA; et al, (AJR), 145: 21, 1985
- CT features of cardiopericardial masses, Vasile N; Nicoleau F; Mathieu D, (Eur J Radiol), 6: 21, 1986

CT findings of atrial myxoma, Tsuchiya F; Kohno A; Saitoh R; Shigeta A, (Radiology), 151: 139, 1984

echocardiographic diagnosis of multiple fetal cardiac tumors, Dennis MA; Appareti K; Manco-Johnson ML; et al. () Ultrasound Med), 4: 327, 1985

gated MR imaging of left atrial myxomas, Conces DJ Jr, Vix VA; Klatte EC, (Radiology), 156: 445, 1985

intratrial extension of hepatocellular carcinoma detected with ultrasound, Morimoto K; Matsui K; Hashimoto T; et al, (JCU), 14: 466, 1986

(JCU), 14: 466, 1986
mediastinal masses: MR imaging, von
Schulthess GK; McMurdo KK;
Tscholakoff D; de Geer G; Gamsu G;
Higgins CB, (Radiology), 158: 289, 1986
noninvasive detection of intracardiac tumors
by ultrasound and computed tomography,
Niehues B; Heuser L; Jansen W; et al,
(Radiology), 150: 297, 1984

prenatal diagnosis of multiple cardiac tumors presenting as an arrhythmia, Hoadley SD; Wallace RL; Miller JF; et al, (JCU), 14: 639,

sonographic diagnosis of fetal cardiac rhabdomyoma, Schaffer RM; Cabbad M; Minkoff H; et al, (J Ultrasound Med), 5: 531,

use of CT in the evaluation of primary cardiac tumors, Chaloupka JC; Fishman EK; Siegelman SS, (Cardiovasc Intervent Radiol), 9: 132, 1986

Heart, obstruction

obstructive left heart lesions, Bisset GS III; Meyer RA, (Semin Roentgenol), 20: 244, 1985

Heart, pacemakers

it, patenateis itomatic implantable cardioverter-defibrillator: appearance and complications, Lurie AL; Udoff EJ; Reid PJ, (AJR), 145: 723,

cardiac pacemaker leads—a radiographic perspective, Felice R; Hutton L; Klein G, (Radiology), 153: 560, 1984 CT demonstration of myocardial perforation by a pacemaker lead, Sussman SK; Chiles C; Cooper C; et al. (JCAT), 10: 6770, 1986

effect of magnetic resonance imaging on DDD pacemakers, Erlebacher JA; Cahill PT; Pannizzo F; et al., (Radiology), 161: 287, 1986 effects of nuclear magnetic resonance imagers on external and implantable pulse generators, Fetter J; Aram G; Holmes DR Jr; et al, (Radiology), 154: 566,

1985
intrapericardial diaphragmatic hernia after subxiphoid epicardial pacemaker insertion: case reports, Swartz D; Livingston C; Tio F; et al., (Radiology), 156: 263, 1985 myocardial perforation by transvenous pacemaker in a newborn infant: echocardiographic diagnosis, Muhler E; Hofstetter R; Hornchen H; et al., (JCU), 14: 141, 1985.

pacemaker implantation in a patient with a Behcet's disease associated with superior vena cava obstruction, Or I; Roguin N; Yahalom M; et al. (Cardiovasc Intervent Radiol), 9: 13, 1986

Radiol), 9: 13, 1996 peripheral migration of pacemaker electrodes, Widmann WD: Edoga JK: Garfias D; et al, (Radiology), 153: 847, 1984 pulmonary emboli from a platelet-rich thrombus attached to a pacemaker electrode, Davis G; Kaplan K; Kwaan HC, (Radiology), 152: 250, 1984

152: 250, 1984
radiation induced failures of complementary metal oxide semiconductor containing pacemakers: potentially lethal complication, Lewin AA; Serago CF; Schwade JG; et al., (Radiology), 156: 573, 1985
radiology of cardiac pacemakers, Steiner RM; Tegtmeyer CJ; Morse D; Moses ML; Goodman LR; Nanda N; Ravin CE; Parsonnet V; Flicker S, (Radiographics), 6: 373, 1986

right atrial appendage pacing: radiographic considerations, Hertzberg BS; Chiles C; Ravin CE, (AJR), **145**: 31, 1985

successful treatment of superior vena cava syndrome by venous angioplasty, Sherry CS; Diamond NG; Meyers TP; et al, (AJR), 147: 834, 1986

604, 1980
two-dimensional and Doppler
echocardiographic identification of
intrahepatic interruption of inferior vena
cava with azygos continuation, Suthar AL;
Nanda NC; Harris PJ, (Radiology), 152: 265,

Heart, prostheses

eart, prostneses cine-fluororadiographic evaluation of the Bjork-Shiley prosthesis—serial postoperative follow-up in 400 patients, Rajani M; Mukhopadhyay S; Maheshwari R; et al, (Australas Radiol), 30: 13.1986

clinical evaluation of the St. Jude medical heart valve prosthesis: a two-year follow-up of 150 patients, Burckhardt D; Hoffmann A; Vogt S; et al, (Radiology), 156: 263, 1985 fate of thrombectomized Bjork-Shiley valves:

late of thromoecomized opin-shirey varve long-term cinefluoroscopic, echocardiographic, and hemodynamic evaluation, Venugopal P, Kaul U; Iyer KS; et al, (Radiology), 161: 285, 1986 five-year evaluation of the Carpentier-

Edwards porcine bioprosthesis, Jamieson WRE; Pelletier LC; Janusz MT; et al, (Radiology), **156**: 263, 1985

magnetic resonance imaging of prosthetic heart valves, Soulen RL; Budinger TF; Higgins CB, (Radiology), 154: 705, 1985 magnetic resonance imaging of prosthetic heart valves, Soulen RL, (Radiology), 158: 279, 1986

radiographic appearance of the Medtronic Hall valve prosthesis, Mamourian AC; Pae WE, (AJR), 146: 485, 1986

two-dimensional echocardiographic detection of left ventricular wall impaction by mitral prosthesis, Rosenzweig MS; Nanda NC, (Radiology), 152: 265, 1984

(Madiology), 132: 265, 1984 ultrasonic assessment of the St. Jude prosthetic valve: M mode, two-dimensional and Doppler echocardiography, Weinstein IR; Marbarger JP; Perez JE, (Radiology), 152: 264, 1984

Heart, radiography automatic implantable cardioverter-defibrillator: appearance and complications, Lurie AL; Udoff EJ; Reid PJ, (AJR), 145: 723,

cardiac radiology in Southern California: is there a future for cardiac radiologists?, Grollman JH Jr, (AJR), 144: 1083, 1985 digital imaging in cardiovascular radiology, Heintzen PH; Brennecke R, ed, Reviewed by Boxt LM, (Radiology), **153**: 736, 1984

Boxt LM, (Radiology), 153: 736, 1984 digital intravenous ventriculography: comparison of volumes from mask-mode and nonsubstracted images with thermodilution and sonocardiometric measurements, Slutsky RA; Mancini GBJ; Norris S; et al, (Radiology), 151: 258, 1984 heart. multiple imaging procedures: volume 5, Hipona FA, ed, Reviewed by Chen JTT, (Radiology), 151: 364, 1984 heart size in high-kilovoltage chest radiography, Peerry MM; Irfan AY; Simmons SP; et al, (Radiology), 157: 563, 1985

letz-Grosse gefasse [heart and great vessels], vol. II of 7th ed. of Schinz: radiologische diagnostik in klinik und praxis [diagnostic radiology in clinical practice.]. Trum P. ed. Reviewed by Oestreich AE, (Radiology), 152: 326, 1984 326, 1984

impending cardiac herniation: snow cone sign, Gurney JW; Arnold S; Goodman LR, (Radiology), 161: 653, 1986

normal left atrium: appearance in children on frontal chest radiographs, Rosario-Medina W; Strife JL; Dunbar JS, (Radiology), 161-24-1086

Medina W; Strife JL; Dunbar JS, (Radiology)
161: 345, 1986
161: 345, 1986
161: 345, 1986
161: 345, 1986
161: 345, 1986
161: 345, 1986
161: 345, 1984
161: 345, 1984
161: 345, 1984
161: 345, 1984
161: 345, 1984
161: 345, 1984
161: 345, 1984
161: 345, 1984
161: 345, 1984
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161: 345, 1984
161: 345, 1984
161: 345, 1984
161: 345, 1984
161: 34

663, 1986 rontgenologische herzvolumenbestimmung, Kaltenbach M; Klepzeg H eds., Reviewed by Flachs K, (Radiology), 150: 6, 1984 rotational kymography: technique for automated analysis of cine left ventriculograms, Cragg AH; Lund G; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, (Radiology), 150: 260, 1984

Heart, radionuclide studies absolute left ventricular volume by an osolute left ventricular volume by an iterative build-up factor analysis of gated radionuclide images, Siegel JA; Maurer AH; Wu RK; Blasius KM; Denenberg BS; Gash AK; Carabello BA; Spann JF; Malmud LS, (Radiology), 151: 477, 1984 assessment of regional wall motion and perfusion by multigated myocardial perfusion scintigraphy after intracorona Tl-201, Parker JA; Markis JE; Royal HD, (Radiology), **154**: 783, 1985

assessment of right ventricular function and anatomy using peripheral vein infusion of krypton 81m, Sugrue DD; Kamal S; Deanfield JE; et al, (Radiology), 151: 277,

cardiac and vascular imaging with labeled platelets and leukocytes, Dewanjee MK, (Semin Nucl Med), 14: 154, 1984

(sein) Nutribudy, 18: 195, 1764 cardiac function assessed by attenuation-corrected radionuclide pressure-volume indices, Maurer AH; Siegel JA; Blasius k Deneberg BS; Spann JF; Malmud LS, (Radiology), 156: 197, 1985

cardiac gallium citrate concentration, Syke HW; Rao BR, (Radiology), **153**: 282, 1984

clinical evaluation of <sup>99m</sup>Tc-pyrophosphate myocardial emission computed tomography: comparison with planar imaging, Tamaki N; Mukai T; Ishii Y; et al, (Radiology), **154**: 570,

clinical utility of labeled cells for detection of allograft rejection and myocardial infarction, Fawwaz RA, (Semin Nucl Med), 14: 198, 1984

count-based left ventricular volume determination utilizing a left posterior oblique view for attenuation correction, Rabinovitch MA; Kalff V; Koral K; Chan W; Juni JE; Lerman B; Lampman R; Walton J; Grassley D; Vogel R, Pitt B; Thrall JH, (Radiology), 150: 813, 1984

diagnosis and early complications of right ventricular infarction, Garty I; Barzilay J; Bloch L; et al, (Radiology), **155**: 557, 1985

dynamic arrhythmia filtration for gated blood-pool imaging: validation against list mode technique, Wallis JW; Wu-Connolly L; Rocchini AP; et al, (J Nucl Med), 27: 1347,

effect of exercise position during stress testing on cardiac and pulmonary thallium kinetics and accuracy in evaluating coronary artery disease, Lear JL, (J Nucl Med), 27: 788, 1986

effect of region of interest selection on first-pass radionuclide cardiac output determination, Glass EC; Rahimian J; Hines HH, (J Nucl Med), 27: 1282, 1986

esophageal source measurement of Tc-99m attenuation coefficients for use in left ventricular volume determinations, Fearnow EC III; Jaszczak RJ; Harris CC; Stanfield JA; Coleman RE, (Radiology), **157**: 517, 1985

evaluation in dogs and humans of three potential technetium-99m myocardial perfusion agents, Gerundini P; Savi A; Gilardi MC; et al. (J Nucl Med), 27: 409, 1986

evaluation of the accuracy of steady-state krypton-81m method for calculating right ventricular ejection fraction, Ham HR; Franken PR; Georges B; et al, (J Nucl Med), 27: 593, 1986

exercise radionuclide ventriculographic responses in hypertensive patients with chest pain, Wasserman AG; Katz RJ; Varghese PJ; et al, (Radiology), 156: 284, 1985

factors influencing the quantification of valvular regurgitation by gated equilibrium radionuclide angiography, Berthout P; Cardot JC; Baud M; et al, (Radiology), **154**: 570, 1985

first-pass determination of the right ventricular ejection fraction using two regions of interest and the right anterior oblique view, Wasserman HJ; Otto A, (Radiology), 154: 570, 1985

focal left ventricular dyskinesis, Winzelberg GG, (Semin Nucl Med), **14**: 141,

Fourier amplitude ratio: a new way to assess valvular regurgitation, Makler PT Jr; McCarthy DM; Velchik MG; et al, (Radiology), 151: 276, 1984

gallium-67 citrate localization in the heart secondary to constrictive pericarditis with myocardial fibrosis, Moreno AJ; Brown JM; Spicer MJ; et al, (Radiology), **153**: 574, 1984

gated cardiac blood-pool studies: use of digital filters, Miller TR, Goldman KJ; Epstein DM; Biello DR; Sampathkumaran KS; Kumar B; Siegel BA, (Radiology), 152: 795, 1984

<sup>†</sup> Revised data appear in Letters to the Editor, Radiology, January, 1986.

- gated right ventricular studies using krypton-81m: comparison with first-pass studies using gold-195m, Caplin JL, Flatman WD; Dymond DS, (J Nucl Med), 27: 602, 1986
- gated xenon scans for right ventricular function, Martin W; Tweddel AC; McGhie I; et al, (J Nucl Med), **27**: 609, 1986
- gold-195m, an ultra-short-lived generator-produced radionuclide: clinical application in sequential first pass ventriculography, Mena I; Narahara KA; de Jong R; et al, (Radiology), **151**: 277, 1984
- (nationgy), 151: 277, 1948 gold-195m first-pass radionuclide ventriculography, thallium-201 single-photon emission CT, and 12-lead ECG stress testing as a combined procedure, Kipper SL; Ashburn WL; Norris SL; Rimkus DS; Dillon WA, (Radiology), 156: 817, 1985
- hemodynamic determinants of thallium-201 lung uptake in patients during atrial pacing stress, Brown KA; McKay R; Heller GV; et al. (Radiology), **160**: 859, 1986
- <sup>123</sup>labeled fatty acids for functional diagnosis of the myocardium, Machulla H-J; Knust EJ, (Radiology), 154: 571, 1985
- left ventricular function evaluation using radionuclide methods in the intensive Otto AC; Herbst CP; Marx JD; Kleynhans PHT; Lotter MG; Minnaar PC, (Radiology), **158**: 252, 1986
- left ventricular stroke volume determinations rt ventricular stroke volume determinations from radionuclide ventriculograms; effects of photon attenuation, Schwaiger M; Ratib O; Henze E; Grossman R; Dracup K; Tillisch JH; Bae JH; Schelbert HR, (Radiology), 153: 235, 1984
- left ventricular volume: physical basis for attenuation corrections in radionuclide determinations, Nickoloff EL; Perman WH; Esser PD; Bashist B; Alderson PO, (Radiology), 152: 511, 1984
- length-based Fourier analysis in the pre-excitation syndrome, Nakajima K; Bunko H; Tonami N; et al, (J Nucl Med), 27: 1131, 1986
- myocardial dysfunction following blunt chest trauma, Harley DP; Mena I; Miranda R; et al, (Radiology), **152**: 269, 1984
- negative lung thallium—201 uptake in right ventricular infarction, Benjelloun H; ltti R; Lorgeron JM; et al, (Radiology), 153: 281, 1984
- new horizons in cardiac imaging, Higgins CB, (Radiology), 156: 577, 1985
- normal adult gated blood pool scan: a qualitative analysis, Osbakken MD; Okada RD; Boucher CA; Winzelberg GG; Pohost GM; Strauss HW, (Radiographics), 4:
- phase and amplitude imaging in the diagnosis of acute right ventricular damage in inferior infarction, Lisbona R; Sniderman A; Derbekyan V; et al, (Radiology), 152: 565,
- posttraumatic cardiac dysfunction: assessment with radionuclide ventriculography, Rosenbaum RC; Johnston GS, (Radiology), 160: 91, 1986
- prediction of acute cardiac rejection using radionuclide techniques, Novitzky D; Boniaszuczuk J; Cooper DKC; et al, (Radiology), **152**: 869, 1984
- radionuclide evaluation of left-ventricular function in chronic chagas cardiomyopathy, Arreaza N; Puigbo JJ; Acquatella H; et al, (Radiology), **152**: 269, 1984
- radionuclide studies in postoperative evaluation of the Fontan procedure, Brendel AJ; Wynchank S; Choussat A; et al, (AJR), 143: 737, 1984
- radionuclide ventricular function studies, Ell PJ; Walton S; Jarritt PH, Reviewed by O'Mara RE, (Radiology), **151**: 482, 1984
- radiopharmaceuticals for cardiac imaging, Miller DD; Elmaleh DR; McKusick KA; et al, (Radiol Clin North Am), 23: 765, 1985
- relationship of radionuclide indexes of cardiac function during interventions: volume loading, afterload stress, exercise, and pacing, Slutsky RA, (Radiology), 150: 302, 1984
- scintigraphic assessment of atrial function in patients with long-standing hypertension, Marmor A; Frankel A; Blondeheim DS; Satinger A; Front D, (Radiology), **151**: 483,

- simplified count-based estimates of left ventricular volume, Lavine SJ; Shreiner DP; Krishnaswami V; et al, (Clin Nucl Med), 11:
- specification of regional wall motion abnormalities by phase analysis of radionuclide angiograms in coronary artery disease and non-coronary artery disease patients, Henze E; Tymicc A; Delagardelle C; et al. (J Nucl Med), 27: 781,
- supine thallium 201 cardiac testing compared with treadmill testing, Lear JL, (Radiology), 156: 835, 1985
- systolic arterial pressure/end-systolic volume relationship in patients with severe left ventricular dysfunction, Slutsky RA; Watkins J; Engler R, (Radiology), 155: 286,
- "tear drop sign" in hypertrophic cardiomyopathy: finding on gated cardiac imaging, Al-Bahar R; Hayatt N; Mohammed MM; et al, (Clin Nuc! Med), 11: 121.1986
- techniques, diagnostics, and advances in nuclear cardiology, Osbakken MD, ed, Reviewed by El-Desouki M; Gilday DL, (Radiology), **153**: 514, 1984
- traumatic myocardial dysfunction, Harley DP; Mena I; Narahara KA; et al, (Radiology), 154: 570, 1985
- uptake of hexakis(t-butylisonitrile) technetium take of hexakis(t-butylisonitrile) technetium (I) and hexakis(isopropylisonitrile) technetium (I) by neonatal rat myocytes and human erythrocytes, Sands H; Delano ML; Gallagher BM, () Nucl Med), 27: 404, 1986
- videodensitometric ejection fractions from intravenous digital subtraction left ventriculograms: correlation with conventional direct contrast and conventional direct contrast and radionuclide ventriculography, Detrano R; MacIntyre WJ; Salcedo EE; O'Donnell JA; Underwood DA; Simpfendorfer C; Go RT; Jones H; Butters K; Leatherman J, (Radiology), 155: 19, 1985

#### Heart, rhythm

- utomatic implantable cardioverter-
- automatic implantable cardioverter-defibrillator: radiographic appearance, Goodman LR; Troup PJ: Thorsen MK; Youker JE, (Radiology), 155: 571, 1985 fetal cardiac arrhythmias and their effect on volume blood flow in descending aorta of human fetus, Tonge HM; Wladimiroff JW; Noordam MJ; et al, (JCU), 14: 607, 1986
- rwoordam MJ; et al. (JCU), 14: 607, 1986 incidence of cardiac arrhythmias during intravenous digital subtraction angiography: comparison of peripheral and central injections, Treweeke PS; Thomas ML, (J Canad Assoc Radiol), 37: 83, 1986
- prenatal diagnosis of multiple cardiac tumors presenting as an arrhythmia, Hoadley SD; Wallace RL; Miller JF; et al, (JCU), 14: 639,

# Heart, size

#### See Heart, volume

# Heart, surgery

- ascending aorta complications of cardiac surgery: CT evaluation, Thorsen MK; Goodman LR; Sagel SS; et al, (JCAT), 10: 219,
- bilateral diaphragmatic paralysis following topical cardiac hypothermia, Kohorst WR; Schonfeld SA; Altman M, (Radiology), 152:
- left ventricular ejection fraction during cardiac surgery: a two-dimensional echocardiographic study, Dubroff JM; Clark MB; Wong CYH; et al, (Radiology), 151: 557, 1984
- mediastinitis after cardiac valve operations: impact upon survival, Cheung EH; Craver JM; Jones EL; et al, (Radiology), **160**:
- 201, 1900 pituitary apoplexy associated with cardiac surgery, Slavin ML; Budabin M, (Radiology), 156: 27, 1985 protein-losing enteropathy after Fontan operation, Hess J; Kruizinga K; Bijleveld CMA; et al., (Radiology), 156: 263,
- quantitative two-dimensional quantitative two-dimensional echocardiographic analysis of motion and thickening of the interventricular septum after cardiac surgery, Force T; Bloomfield P; O'Boyle [E; et al, (Radiology), 152: 265, 1984 radiology of cardiac pacemakers, Steiner RM; Tegtmeyer CJ; Morse D; Moses ML; Goodman LR; Nanda N; Ravin CE; Parsonnet V; Flicker S, (Radiographics), 6: 373, 1986.

- radionuclide studies in postoperative evaluation of the Fontan procedure, Brendel AJ; Wynchank S; Choussat A; et al, (AJR), 143: 737, 1984
- two-dimensional echocardiographic detection of pulmonary venous channel stenosis after Senning's operation, Satomi G, Nakamura J, Takao A; et al. (Radiology), 151: 832, 1984

#### Heart, tamponade

- cardiac perforation from central venous catheters: survival after cardiac tamponade in an infant, Agarwal KC; Khan A; Falla A; et al, (Radiology), **154**: 274, 1985
- clinical and hemodynamic correlation in patients with pericardial effusion and swinging heart by echocardiography, Rosoff M; Cohen MV; Grose R; et al, (Radiology), 152: 564, 1984
- gastropericardial fistula presenting as acute cardiac tamponade. a case report, Nicolaou N; Katz G; Conlan AA, (Radiology), 152: 840, 1984
- (Radiology), 152: 640, 1764
  hemodynamic derangement associated with right ventricular diastolic collapse in cardiac tamponade: an experimental echocardiographic study. Leimgruber PP; Klopenstein HS; Wann LS: et al, (Radiology), 151: 832, 1984
- hydrodynamic compression of the right atrium: a new echocardiographic sign of cardiac tamponade, Gillam LD; Guyer DE; Gibson TC; et al, (Radiology), 151: 831, 1984
- posttraumatic tension pneumopericardium: "small heart" sign, Mirvis SE; Indeck M; Schorr RM; Diaconis JN, (Radiology), 158: 663 1986

#### Heart, thrombosis

- sessment of regional wall motion and perfusion by multigated myocardial perfusion scintigraphy after intracoronary TI-201, Parker JA; Markis JE; Royal HD, (Radiology), 154: 783, 1985
- biventricular thrombus formation in association with acute myocardial infarction: diagnosis by two-dimensional echocardiography, Friedman HZ; Buda AJ, (JCU), 14: 315, 1986
- digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy, Archer CW; Turnipseed WD; Sackett JF; et al, (Radiology), 150: 292, 1984
- echocardiographic diagnosis of right ventricular thromboembolism, Woolridge JD; Healy J, (Radiology), **152**: 263,
- echocardiographic features of right atrial thrombi, Boulay F; Danchin N; Neimann J-L; et al, (JCU), 14: 601, 1986
- evaluation of intracardiac thrombus with computed tomography, Tomoda H; Hoshiai M; Furuya H; et al, (Radiology), 150: 295, 1984
- frequency and embolic potential of left ventricular thrombus in dilated cardiomyopathy: assessment by 2-dimensional echocardiography, Gottdiener JS; Gay JA; Van Voorhees L; et al, (Radiology), 152: 863, 1984
- intracavitary thrombi in the right heart associated with multiple pulmonary emboli, Ouyang P; Camara Ej; Jain A; et al, (Radiology), 152: 562, 1984
- left ventricular mural thrombi secondary to acute myocardial infarction: predisposing factors and embolic phenomenon, Arvan S, factors and embolic phenom (Radiology), 152: 563, 1984
- magnetic resonance imaging of clots in the heart and vascular system, Zeitler E; Kaiser W; Schuierer G; et al, (Radiology), 157: 861, 1985
- MR imaging of cardiac thrombi, Dooms GC; Higgins CB, (JCAT), 10: 415, 1986 mural thrombi in myocardial infarctions. prospective evaluation by two-dimensional echocardiography, Keating EC; Gross SA; Schlamowitz RA; et al, (Radiology), 153: 280,
- operative removal of mobile pedunculated left ventricular thrombus detected by 2-dimensional echocardiography, Lew A5; Federman J; Harper RW; et al, (Radiology), 152: 264, 1984
- real-time 2-dimensional echocardiographic visualization of thrombus on a Bjork-Shiley mitral valve prosthesis, Lewis BS; Agathangelou NE; Dos Santos LA; et al, (Radiology), **150**: 297, 1984

- right ventricular thrombus formation in association with acute myocardial infarction: diagnosis by 2-dimensional echocardiography, Stowers SA; Leiboff RH; Wasserman AG; et al, (Radiology), 152: 563,
- transient right atrial thrombus during acute myocardial infarction: diagnosis by echocardiography, Come PC, (Radiology), 150: 867, 1984

Heart, transplantation

- cardiac transplantations in dogs: evaluation with MR. Tscholakoff D: Aherne T: Yee ES: Derugin N; Higgins CB, (Radiology), 157: 697, 1985
- heart-lung transplantation: postoperative chest radiograph, Chiles C; Guthaner DF; Jamieson SW; Stinson EB; Oyer PE; Silverman JF, (Radiology), **154**: 299, 1985

prediction of acute cardiac rejection using radionuclide techniques, Novitzky D; Boniaszuczuk J; Cooper DKC; et al, (Radiology), 152: 869, 1984

radiographic findings in the chest of patients following cardiac transplantation, Shirazi KK; Amendola MA; Tisnado J; et al, (Radiology), 150: 287, 1984

Heart, US studies

- abnormal diastolic left ventricular posterior wall motion in left ventricular hypertrophy, Kramer PH; Djalaly A; Poehlmann H; et al, (Radiology), 152: 265, 1984
- anorexia nervosa: a cause of pericardial effusion?, Silverman JA; Krongrad E, (Radiology), **150**: 858, 1984

apical hypertrophic cardiomyopathy, Kereiakes DJ; Anderson DJ; Crouse L; et al, (Radiology), **150**: 867, 1984

balloon and blade atrial septostomy facilitated by two-dimensional echocardiography, Lin AE; Di Sessa TG; Williams RG, (Radiology), 161: 285, 1986

in the control of the

(ICU), 14: 315, 1956 canine left ventricular mass estimation by two-dimensional echocardiography, Schiller NB; Skioldebrand CG; Schiller EJ; et al, (Radiology), 151: 558, 1984 cardiac hemochromatosis: effects of iron

removal therapy, Candell-Riera J; Lu L; Seres L; et al, (Radiology), 152: 562, 1984

cardiac papillary fibroelastoma and stroke: cardiac papillary hbroelastoma and stroke: echocardiographic diagnosis and guide to excision, Topol EJ; Biern RO; Rietz BA, (Radiology), 160: 286, 1986 cardiovascular abnormalities in osteogenesis imperfecta, White NJ; Winearls CG; Smith R, (Radiology), 152: 862, 1984

cardiovascular applications of multi-gate pulsed Doppler systems, Reneman RS; van Merode T; Hick P; et al, (Ultrasound Med Biol), 12: 357, 1986

clinical and hemodynamic correlation in patients with pericardial effusion and swinging heart by echocardiography, Rosoff M; Cohen MV; Grose R; et al, (Radiology), 152: 564, 1984

comparative value of invasive and noninvasive techniques for identifying left ventricular mural thrombi, Starling MR; Crawford MH; Sorenson SG; et al, (Radiology), 152: 863, 1984

comparison of gated cardiac MRI and 2D echocardiography of intracardiac neoplasms, Go RT; O'Donnell JK; Underwood DA; et al, (AJR), 145: 21, 1985

comparison of two-dimensional echocardiography with radionuclide angiography during dynamic exercise for the detection of coronary artery disease, Visser CA; van der Wieken RL; Kan G; et al, (Radiology), **152**: 263, 1984

(Radiology), 152: 203, 1994 conduction disturbances related to the site and severity of mitral anular calcification: a 2-dimensional echocardiographic and electrocardiographic correlative study, Takamoto T; Popp RL, (Radiology), 151: 557, 1984

contrast echocardiographic right-to-left flow in left ventricular-to-right atrial shunt, Grenadier E; Keidar S; Palant A, (Radiology), 152: 265, 1984

contrast echocardiography in detection of portopulmonary venous anastomasis, Sano A; Nishizawa S; Sasai K; et al, (AJR), 142: 137, 1984 contrast echocardiography to reduce ionizing radiation associated with cardiac catheterization during pregnancy, Elkayam U; Kawanishi D; Reid CL; et al, (Radiology), **151**: 558, 1984

(kadiningy), 131-309, 2007 correlation of echocardiographic wall stress and left ventricular pressure and function in aortic stenosis, DePace NL; Ren J-F; Iskandrian AS; et al, (Radiology), 151: 274,

critical appraisal of diastolic time intervals as a measure of relaxation in left ventricular hypertrophy, Gamble WH; Shaver JA; Alvares RF; et al, (Radiology), 151: 558, 1984

CT demonstration of the coronary sinus, Micklos TJ; Proto AV, (JCAT), 9: 60, 1985

cyanotic ostium secundum atrial septal defect without pulmonary hypertension and clinical signs of heart disease, Ikaheimo MJ; Pokela RE; Karkola PJ; et al, (Radiology), 152: 264, 1984

cysts in left atrial myxomas identified by transesophageal cross-sectional echocardiography, Thier W; Schluter M; Krebber H-J; et al, (Radiology), 151: 558,

detection of coronary artery disease with exercise two-dimensional echocardiography. exercise two-dimensional echocardiography. description of a clinically applicable method and comparison with radionuclide ventriculography, Limacher MC; Quinones MA; Poliner LR; et al., (Radiology), 151: 274, 1984

determination of atrial size by esophageal echocardiography, Toma Y; Matsuda Y; Matsuzaki M; et al, (Radiology), 152: 563,

diagnosis of aortic root abscess by cross-sectional echocardiography, Mulcahy D; Shapiro LM; Westgate C; et al, (Clin Radiol), 37: 235, 1986

diagnosis of left ventricular to right atrial shunt utilizing contrast echocardiography, Shanes JG; Levitsky S; Seyal MS; et al, (Radiology), 152: 563, 1984 diagnostic significance of two-dimensional

echocardiography in newborn and young infants with symptomatic congenital heart defects, Kupferschmid C; Lang D, (Radiology), 152: 255, 1984

diastolic ventricular septal motion in atrial septal defect: analysis of M-mode echocardiograms in 31 patients, Chazal RA; Armstrong WF; Dillon JC; et al, (Radiology), 152: 264, 1984

digital averaging to facilitate two-dimensional echocardiographic measurements, Petrovic O; Feigenbaum H; Armstrong WF; et al. (JCU), 14: 367, 1986

dilated cardiomyopathy in the idiopathic hypereosinophilic syndrome, DePace NL; Nestico PF; Morganroth J; et al, (Radiology), 152: 863, 1984

Doppler-echocardiographic assessment of cardiac output, Ascah KJ; Stewart WJ; Levine RA; et al, (Radiol Clin North Am), 23: 659, 1985

Doppler echocardiography: theory, instrumentation, technique, and application, Nishimura RA; Miller FA; Callahan MJ; et al. (Radiology), 157: 574,

echocardiographic assessment of left ventricular hypertrophy: comparison to necropsy findings, Devereux RB; Alonso DR; Lutas EM; et al, (Radiology), **160**: 859, 1986

echocardiographic demonstration of pericardial fluid adjacent to the right atrial wall, Challender JG; Winsberg F, (Radiology), 150: 615, 1984 echocardiographic detection of right ventricular hypertrophy, Baker BJ; Scovil JA; Kane JJ; et al, (Radiology), 150: 615, 1984

echocardiographic diagnosis of flail anterior leaflet in tricuspid endocarditis, Bates ER; Sorkin RP, (Radiology), 151: 558, 1984

echocardiographic diagnosis of intracardiac myxomas. present status, Liu HY; Panidis I; Soffer J; et al, (Radiology), 151: 558, 1984 echocardiographic diagnosis of right ventricular thromboembolism, Woolridge JD; Healy J, (Radiology), **152**: 263,

echocardiographic evaluation of left ventricular function during coronary artery angioplasty, Alam M; Khaja F; Brymer J; et al, (Radiology), 161: 285, 1986

echocardiographic features of a mycotic aneurysm of the left ventricular outflow tract caused by perforation of mitral-aortic intervalvular fibrosa, Bansal RC; Moloney PM; Marsa RJ; et al, (Radiology), 151: 273, 1984

echocardiographic features of right atrial thrombi, Boulay F; Danchin N; Neimann J-L; et al, (JCU), **14:** 601, 1986

echocardiographic findings in ruptured chordae tendineae of the tricuspid valve, Oliver J; Benito F; Gallego FG; et al, (Radiology), 151: 273, 1984

(Radiology), 151: 273, 1964 echocardiographic measurement of left ventricular stroke volume in newborn infants: correlative study with pulsed Doppler and M-mode echocardiography, Walther FJ; Siassi B; Wu PYK, (JCU), 14: 37,

echocardiographic quantitation of pericardial effusion, Parameswaran R; Goldberg H, (Radiology), **151**: 274, 1984

evaluation of dilated cardiomyopathy by pulsed Doppler echocardiography, Gardin JM; Iseri LT; Elkayam U; et al, (Radiology), 152: 265, 1984

false aneurysm of mitral-aortic intervalvular fibrosa: diagnosis by 2-dimensional contrast echocardiography at cardiac catheterization, Reid CL; McKay CR; Kawanishi DT; et al, (Radiology), 151: 557, 1984

frequency and embolic potential of left ventricular thrombus in dilated cardiomyopathy: assessment by 2-dimensional echocardiography, Gottdiener JS; Gay JA; Van Voorhees L; et al, (Radiology), 152: 863, 1984

genesis of the systolic murmur of idiopathic helesis of the system churmur of intopatite hypertrophic subaortic stenosis: phonocardiographic, echocardiographic, and pulsed Doppler ultrasound correlations, Chandrarata PAN; Aronow WS, (Radiology), 150: 615, 1984

heart, Jaffe CC, (Clin Diagn Ultrasound), 14: 275, 1984

hemodynamic derangement associated with right ventricular diastolic collapse in cardiac tamponade: an experimental echocardiographic study, Leimgruber PP; Klopenstein HS; Wann LS; et al, (Radiology), 151: 832, 1984

(Radiology), 131-1632, 1704 heterogeneity of left ventricular segmental wall thickening and excursion in 2-dimensional echocardiograms of normal human subjects, Pandian NG; Skorton DJ; Collins SM; et al. (Radiology), 151: 557, 1984

Collins SM; et al. (Nationsy), B21 SM; Av. Meterogeneous morphologic expression of genetically transmitted hypertrophic cardiomyopathy, two-dimensional echocardiographic analysis, Ciro E; Nichols PF III; Maron BJ, (Radiology), 151: 274, 1984

hydrodynamic compression of the right atrium: a new echocardiographic sign of cardiac tamponade, Gillam LD; Guyer DE; Gibson TC; et al, (Radiology), 151: 831, 1984

hydrogen peroxide contrast-enhanced two-dimensional echocardiography: real-time in vivo delineation of regional myocardial perfusion, Kemper AJ; O'Boyle JE; Sharma S; et al, (Radiology), 151: 832, 1984

idiopathic enlargement of the right atrium, Schlemmer M; Wimmer M; Ponhold W; et al, (Radiology), **151**: 263, 1984

interventricular septal configuration as a predictor of right ventricular systolic hypertension in children: a cross-sectional echocardiographic study. King ME; Braun H; Goldblatt A; et al, (Radiology), 151:

intraatrial extension of hepatocellular carcinoma detected with ultrasound, Morimoto K; Matsui K; Hashimoto T; et al, (JCU), 14: 466, 1986

intracavitary thrombi in the right heart associated with multiple pulmonary emboli, Ouyang P; Camara EJ; Jain A; et al, (Radiology), 152: 562, 1984

left ventricular ejection fraction during cardiac surgery: a two-dimensional echocardiographic study, Dubroff JM; Clark MB; Wong CYH; et al, (Radiology), 154-557; 1994 151: 557, 1984

left ventricular false tendons in children: prevalence as detected by 2-dimensional echocardiography and clinical significance, Perry LW; Ruckman RN; Shapiro SR; et al, (Radiology), 152: 850, 1984

- left ventricular mural thrombi secondary to acute myocardial infarction: predisposing factors and embolic phenomenon, Arvan S, (Radiology), 152: 563, 1984
- lipoma of the mitral valve and papillary muscle, Behnam R; Williams G; Gerlis L; et al, (Radiology), **151**: 262, 1984
- long-term echocardiographic assessment of dilated cardiomyopathy in children, Gan Der Hauwaert LG; Denef B; Dumoulin M, (Radiology), 152: 850, 1984
- mitral E point septal separation: a reliable index of left ventricular performance in coronary artery disease, Ahmadpour H; Shah AA; Allen JW; et al, (Radiology), 151: 558, 1984
- multiple aortic root echoes: clinical, radiographic, and angiographic correlations, Butman S; Schatz RE; Chandraratna P; et al, (Radiology), 154: 282, 1985
- myocardial texture characterization by twodimensional echocardiography, Bhandari AK; Nanda NC, (Radiology), 150: 297. 1984
- noninvasive detection of intracardiac tumors by ultrasound and computed tomography, Niehues B; Heuser L; Jansen W; et al, (Radiology), **150**: 297, 1984
- noninvasive evaluation of pulmonary hypertension by a pulsed Doppler technique, Kitabatake A; Inoue M; Asao M; et al, (Radiology), 151: 831, 1984
- nonvolumetric assessment of ventricular function by two-dimensional echocardiography in patients with coronary artery disease, Shea PM; Glover MU; Handler JB; et al, (Radiology), 152: 263, 1984
- operative removal of mobile pedunculated left ventricular thrombus detected by 2dimensional echocardiography, Lew AS; Federman J; Harper RW; et al, (Radiology), 152: 264, 1984
- paradoxical diastolic anterior motion of flail posterior mitral leaflet, Motro M; Schneeweiss A; Neufeld HN, (Radiology), 152: 263. 1984
- prevalence and correlates of posterior extra echocardiographic spaces in a free-living population based sample (The Framingham Study), Savage DD; Garrison RJ; Brand F; et al, (Radiology), 150: 867, 1984
- quantitation of regional cardiac function by two-dimensional echocardiography. I. patterns of contraction in the normal left ventricle, Haendchen RV; Wyatt HL; Maurer G; et al, (Radiology), 151: 273, 1984
- quantitative analysis of left ventricular function: pre- and postischemic twodimensional echocardiography in dogs, Henschke CJ: Ellis SG; Risser TA; et al, (AJR), 143: 537, 1984
- quantitative analysis of segmental wall motion during maximal upright dynamic exercise: variability in normal adults, Ginzton LE; Conant R; Brizendine M; et al, (Radiology), 160: 287, 1986
- quantitative computer-assisted analysis of left ventricular wall thickening and motion by 2-dimensional echocardiography in acute myocardial infarction, Henschke CI; Riser TA; Sandor T; et al, (Radiology), 152: 264, 1984
- quantitative two-dimensional echocardiographic analysis of motion and thickening of the interventricular septum after cardiac surgery, Force T; Bloomfield P; O'Boyle JE; et al, (Radiology), 152: 265, 1984
- radiologic and real time echocardiographic evaluation of the cyanotic newborn, Unger FM; Cavanaugh DJ; Johnson GF; Tuuri DT; Beekman R, (Radiographics), 6: 603, 1986
- radiology of cardiac pacemakers, Steiner RM; Tegtmeyer CJ; Morse D; Moses ML; Goodman LR; Nanda N; Ravin CE; Parsonnet V; Flicker S, (Radiographics), 6: 373, 1986
- real-time 2-dimensional echocardiographic visualization of thrombus on a Bjork-Shiley mitral valve prosthesis, Lewis B5; Agathangelou NE; Dos Santos LA; et al, (Radiology), 150: 297, 1984
- removable extraluminal Doppler probe for continuous monitoring of changes in cardiac output, Keagy BA; Lucas CL; Hsiao HS; et al, (Radiology), 152: 864, 1984

- right ventricular thrombus formation in association with acute myocardial infarction: diagnosis by 2-dimensional echocardiography, Stowers SA; Leiboff RH; Wasserman AG; et al, (Radiology), 152: 563, 1984
- sensitivity and specificity of two-dimensional echocardiography in the detection of valvular calcification, Wong M. Tei C; Shah PM, (Radiology), 152: 562, 1984
- significance of left ventricular outflow tract cross-sectional area in hypertrophic cardiomyopathy: a two-dimensional echocardiographic assessment, Spirito P; Maron BJ, (Radiology), 151: 274, 1984
- subxiphoid two-dimensional echocardiographic diagnosis of doublechambered right ventricle, Matina D; van Doesburg NH; Fouron J-C; et al, (Radiology), 151: 273, 1984
- subxyphoid 2-dimensional echocardiographic identification of left ventricular papillary muscle anomalies in complete common atrioventricular canal, Chin AJ; Bierman FZ; Sanders SP; et al. (Radiology), 151: 557, 1984
- supravalvular aortic stenosis and coronary ostial stenosis in familial hypercholesterolemia: two-dimensional echocardiographic assessment, Beppu S; Minura Y; Sakakibara H; et al, (Radiology), 151: 273, 1984
- three-dimensional echoventriculography, Nixon JV; Saffer SI; Lipscomb K; et al, (Radiology), **152**: 265, 1984
- transient right atrial thrombus during acute myocardial infarction: diagnosis by echocardiography, Come PC, (Radiology), 150: 867, 1984
- two-dimensional Doppler echocardiographic method for calculation of pulmonary and systemic blood flow in a canine mode! with a variable-sized left-to-right extracardiac shunt, Meijboom EJ; Valdes-Cruz LM; Horowitz S; et al. (Radiology), 151: 831, 1984
- two-dimensional echocardiographic assessment of left atrial size in children, Hiraishi S; DiSessa TG; Jarmakani JM; et al, (Radiology), 152: 850, 1984
- two-dimensional echocardiographic detection of left ventricular wall impaction by mitral prosthesis, Rosenzweig MS; Nanda NC, (Radiology), 152: 265, 1984
- two-dimensional echocardiographic detection of pulmonary venous channel stenosis after Senning's operation, Satomi G; Nakamura J; Takao A; et al, (Radiology), 151: 832, 1984
- two-dimensional echocardiographic evaluation of dilated cardiomyopathy in children, Goldberg SJ; Valdes-Cruz LM; Sahn DJ; et al, (Radiology), 152: 850, 1984
- two-dimensional echocardiographic features of multiple right atrial myxomas, Gladden JR; Dreiling RJ; Gollub SB; et al, (Radiology), 152: 863, 1984
- two-dimensional echocardiographic identification of aortica-left ventricular tunnel, Perry JC; Nanda NC; Hicks DG; et al, (Radiology), **152**: 554, 1984
- two-dimensional echocardiographic study of a cardiac hydatid cyst, Ernst A; Cikes I; Radovanovic N, (Radiology), **152**: 863, 1984
- two-dimensional echocardiographic-surgical correlation in Ebstein's anomaly: preoperative determination of patients requiring tricuspid valve plication vs replacement, Shina A; Seward JB; Tajik AJ; et al, (Radiology), 151: 832, 1984
- two dimensional transesophageal echocardiography: comparison of ultrasonic and anatomic cross-sections, Hinrichs A; Schuter M; Kremer P; et al, (Radiology), 152: 863, 1984
- ultrasonic assessment of the St. Jude prosthetic valve: M mode, two-dimensional and Doppler echocardiography, Weinstein IR; Marbarger JP; Perez JE, (Radiology), 152: 264, 1984
- univentricular heart combined 2-dimensionalpulsed Doppler (duplex) echocardiographic evaluation, Bisset GS III: Hirschfield SS, (Radiology), **150**: 867, 1984
- value of two-dimensional echocardiography in endomyocardial disease with and without eosinophilia. a clinical and pathologic study, Acquatella H; Schiller NB; Puigbo JJ; et al, (Radiology), 151: 273, 1984

- value of ultrasonography in the diagnosis of hydatid cysts of the heart. five cases, Hernigou A; Plainfosse MC; Meran S; et al, (Radiology), 152: 864, 1984
- variability in the time interval between tricuspid and mitral valve closure in Ebstein's anomaly, Gussenhoven WJ; Jansen RC; Bom N; et al, (Radiology), 154: 860, 1985;

#### Heart, valves

- case of the season, Yeung SC, (Semin Roentgenol), 21: 5, 1986
- koeingenoi), 21: 5, 1996 cine-fluoroadiographic evaluation of the Bjork-Shiley prosthesis—serial postoperative follow-up in 400 patients, Rajani M; Mukhopadhyay S; Maheshwari R; et al, (Australas Radiol), 30: 13, 1986
- clinical evaluation of the St. Jude medical heart valve prosthesis: a two-year follow-up of 150 patients, Burckhardt D; Hoffmann A; Vogt S; et al, (Radiology), 156: 263, 1985
- vogt 5; et al, (Kadiology), 156: 263, 1985 congenitally corrected transposition in adults with left atrioventricular valve incompetence, Guit GL; Kroon HM; van Voorthuisen AE; Steiner RM; Chin JG; Buis-Liem T, (Radiology), 155: 567, 1985
- diastolic mitral gradient without associated valvular stenosis: usefulness of twodimensional echocardiography for a correct diagnosis, Perrenoud JJ; Frangos A; Bopp P, (Radiology), 151: 272, 1984
- echocardiographic findings in ruptured chordae tendineae of the tricuspid valve, Oliver J; Benito F; Gallego FG; et al, (Radiology), 151: 273, 1984
- (Radiology), 151: 273, 1980; fate of thrombectomized Bjork-Shiley valves: long-term cinefluoroscopic, echocardiographic, and hemodynamic evaluation, Venugopal P; Kaul U; Iyer KS; et al, (Radiology), 161: 285, 1986
- five-year evaluation of the Carpentier-Edwards porcine bioprosthesis, Jamieson WRE; Pelletier LC; Janusz MT; et al. (Radiology), 156: 263, 1985
- †magnetic resonance imaging of prosthetic heart valves, Soulen RL; Budinger TF; Higgins CB, (Radiology), 154: 705, 1985
- magnetic resonance imaging of prosthetic heart valves, Soulen RL, (Radiology), 158: 279, 1986
- mediastinitis after cardiac valve operations: impact upon survival, Cheung EH; Craver JM; Jones EL; et al, (Radiology), 160: 287, 1986
- MRI of perivalvular infectious pseudoaneurysms, Winkler ML; Higgins CB, (AJR), 147: 253, 1986
- rolapsing Chiari malformation in tricuspid regurgitation: moving filling defect in the inferior vena cava, Lewandowski BJ; Challender J; Dery R, (J Ultrasound Med), 4: 655, 1985
- radiographic appearance of the Medtronic Hall valve prosthesis, Mamourian AC; Pae WE, (AJR), 146: 485, 1986
- systolic anterior motion of the mitral valve and outflow obstruction after mitral valve reconstruction, Gallerstein PE; Berger M; Rubenstein S; et al, (Radiology), 151: 272, 1984

## Heart, ventricles

- gated xenon scans for right ventricular function, Martin W; Tweddel AC; McGhie I; et al, (J Nucl Med), 27: 609, 1986
- quantitative analysis of left ventricular function: pre- and postischemic twodimensional echocardiography in dogs, Henschke CJ: Ellis SG; Risser TA; et al, (AJR), 143: 537, 1984
- right ventricular volume determination in isolated human hearts, Erbel R; Richter HA; Krebs W; et al, (JCU), 14: 89, 1986
- unsuspected left ventricular pseudoaneurysm, Breisblatt WM; Berger RB; Cabin HS; et al, (AJR), 142: 680, 1984

### Heart, volume

- absolute left ventricular volume by an iterative build-up factor analysis of gated radionuclide images, Siegel JA, Maurer AH; Wu RK, Blasius KM; Denenberg BS; Gash AK; Carabello BA; Spann JF; Malmud LS, (Radiology), 151: 477, 1984
- accuracy of volume determination by twodimensional echocardiography: defining requirements under controlled conditions in the ejecting canine left ventricle, Weiss JL; Eaton LW; Kallman CH; et al, (Radiology), 151: 273, 1984

cardiopulmonary effects of volume expansion in man: radiographic manifestations, Luft FC; Klatte EC; Weyman AE; et al, (AJR), 144: 289, 1985

changes in heart size and volume in certain endocrinal and nutritional deficiency diseases. a correlative study in twenty adult patients, Reddy ER, (Radiology), 153: 560, 1984

correlation of scintigraphy and angiography for ventricular volume determinations using realistic cardiac phantoms: unimportance of self-attenuation, Simon TR, Dowdey JE; Lipscomb KM; Smitherman TC, (Radiology), 154: 232, 1985

count-based left ventricular volume ount-based left ventricular volume determination utilizing a left posterior oblique view for attenuation correction, Rabinovitch MA; Kalff V; Koral K; Chan W; Juni JE; Lerman B; Lampman R; Walton J; Grassley D; Vogel R; Pitt B; Thrall JH, (Radiology), 150: 813, 1984

determination of atrial size by esophageal echocardiography, Toma Y; Matsuda Y; Matsuzaki M; et al, (Radiology), 152: 563,

determination of left ventricular volumes with use of DSA density values, Takahashi M; Tsuchigame T; Tomiguchi S; et al, (Comput Radiol), 10: 1, 1986

digital intravenous ventriculography: comparison of volumes from mask-mode and nonsubstracted images with thermodilution and sonocardiometric measurements, Slutsky RA; Mancini GBJ; Norris S; et al, (Radiology), 151: 258, 1984

echocardiographic quantitation of pericardial effusion, Parameswaran R; Goldberg H, (Radiology), **151**: 274, 1984

esophageal source measurement of Tc-99m sopnageal source measurement of 1C-99m attenuation coefficients for use in left ventricular volume determinations, Fearnow EC III; Jaszczak RJ; Harris CC; Stanfield JA; Coleman RE, (Radiology), 157: 517, 1985

heart size in high-kilovoltage chest radiography, Peerry MM; Irfan AY; Simmons SP; et al, (Radiology), **157**: 563,

left ventricular volume determination from single-photon emission computed tomography, Bunker SR; Hartshorne MF; Schmidt WP; et al., (AJR), 144: 295, 1985

left ventricular volume: physical basis for attenuation corrections in radionuclide determinations, Nickoloff EL; Perman WH; Esser PD; Bashist B; Alderson PO, (Radiology), 152: 511, 1984

left ventricular volumes measured by MR imaging, Rehr RB; Malloy CR; Filipchuk NG; Peshock RM, (Radiology), 156: 717, 1985

measurement of normal left heart dimensions using optimally oriented MR images, Kaul S; Wismer GL; Brady TJ; et al, (AJR), **146:** 75,

normal adult gated blood pool scan: a qualitative analysis, Osbakken MD; Okada RD; Boucher CA; Winzelberg GG; Pohost GM; Strauss HW, (Radiographics), 4:

posttraumatic tension pneumopericardium: "small heart" sign, Mirvis SE; Indeck M; Schorr RM; Diaconis JN, (Radiology), **158**:

right ventricular volume determination in isolated human hearts, Erbel R; Richter HA; Krebs W; et al, (JCU), 14: 89, 1986

rontgenologische herzvolumenbestimmung, Kaltenbach M; Klepzeg H eds., Reviewed by Flachs K, (Radiology), 150: 6, 1984 simplified count-based estimates of left ventricular volume, Lavine SJ; Shreiner DP; Krishnaswami V; et al, (Clin Nucl Med), 11:

168, 1986

three-dimensional echoventriculography, Nixon JV; Saffer SI; Lipscomb K; et al, (Radiology), **152**: 265, 1984

#### Hemangioblastoma See Angioma

# Hemangioendothelioma

benign hemangioendothelioma involving posterior mediastinum: CT findings, Tarr RW; Page DL; Glick AG; et al, (JCAT), 10: 865, 1986

computed tomography of infantile hepatic hemangioendothelioma, Lucaya J; Enriquez G; Amat L; et al, (AJR), 144: 821,

diffuse hepatic hemangiomas: percutaneous transcatheter embolization with detachable silicone balloons, Burrows PE; Rosenberg HC; Chuang HS, (Radiology), 156: 85, 1985

fetal neck hemangioendothelioma with secondary hydrops fetalis: sonographic diagnosis, McGahan JP; Schneider JM, (JCU), 14: 384, 1986

infantile hemangioendothelioma: angiographic features and factors determining efficacy of hepatic artery embolization, Burke DR; Verstandig A; Edwards O; et al. (Cardiovasc Intervent Radiol), 9: 154, 1986

infantile hemangioendothelioma of the liver, Diakoumakis EE; Weinberg B; Seife B; et al, (JCU), 14: 137, 1986

scintigraphic findings in infantile hemangioendothelioma, Noel AW; Heyman S, (Clin Nucl Med), 11: 413, 1986

#### Hemangioma See Angioma

Hemangiopericytoma

CT appearance of hemangiopericytoma, Alpern MB; Thorsen MK; Kellman GM; et al, (JCAT), 10: 264, 1986

male pelvic hemangiopericytoma on computed tomography, Yoo RE; Sunwoo YC; Markivee CR, (CT), 10: 73, 1986

sonographic appearance of a gastric hemangiopericytoma, Bonhof JA; Kremer H; Schumann G; et al, (Radiology), 150: 298, 11984

#### Hemangiosarcoma

# See Sarcoma

#### Hematoma

See as hemorrhage under names of organs and regions, such as Brain, hemorrhage

#### Hematopoiesis, extramedullary

CT features of presacral mass: unusual focus of extramedullary hematopoiesis, Chao PW; Farman J; Kapelner S, (JCAT), **10**: 684, 1986

extramedullary hematopoeisis in acute lymphocytic leukemia masquerading as hepatic, renal, and splenic microabscesses, Kopecky KK; Moriarty AT; Antony AC; et al, (AJR), 147: 846, 1986

extramedullary hematopoiesis: demonstration by transmission and emission computed tomography, Parker LA; Vincent LM; Mauro MA; et al, (Clin Nucl Med), 11: 1,

sonographic appearance of pelvic extramedullary hematopoiesis, Campbell WE Jr; Weinstein BJ, (J Ultrasound Med), 5: 103, 1986

#### Hematuria

general case of the day, annual meeting, 1985, Hattery RR; Hartman GW; Williamson B, (Radiographics), 6: 1091, 1986

haematuria: red herring?, Kenney IJ; Mackay IG, (Br J Radiol), 59: 417, 1986

left renal vein hypertension in patients with left renal bleeding of unknown origin, Nishimura Y; Fushiki M; Yoshida M; Nakamura K; Imai M; Ono T; Morikawa S; Hatayama T; Komatz Y, (Radiology), 160: 663, 1986

management of traumatic hematuria by selective renal artery embolization, Uflacker R; Paolini RM; Lima S, (Radiology), 156: 272, 1985

massive hematuria following percutaneous biopsy of renal allograft: successful control by selective embolization, Horowitz MD; Russell E; Abitbol C; et al, (Radiology), **156**: 272, 1985

small renal neoplasms: diagnostic imaging, pathologic features, and clinical course, Curry NS; Schabel SI; Betsill WL Jr, (Radiology), 158: 113, 1986

small renal neoplasms: diagnostic imaging, pathologic features, and clinical course, Levine E, (Radiology), **159**: 817, 1986

small renal neoplasms: diagnostic imaging, pathologic features, and clinical course: reply, Curry NS; Schabel SI; Betsill WL Jr, (Radiology), **159**: 817, 1986

urological injury and assessment in patients with fractured pelvis, Fallon B; Wendt JC; Hawtrey CE, (Radiology), **153**: 846, 1984

#### Hemochromatosis

cardiac hemochromatosis: effects of iron removal therapy, Candell-Riera J; Lu L; Seres L; et al, (Radiology), 152: 562, 1984

#### Hemodialysis See Dialysis

#### Hemoglobinuria

magnetic resonance appearance of the kidneys in paroxysmal nocturnal hemoglobinuria, Lupetin AR, (Urol Radiol), 8: 101, 1986 MRI of the kidneys in paroxysmal nocturnal hemoglobinuria, Mulopulos GP; Turner DA; Schwartz MM; et al, (AJR), 146: 51, 1986

Hemolytic-uremic syndrome

entercolitis: prodrome of the hemolytic-uremic syndrome, Kawanami T; Bowen A III; Girdany BR, (Radiology), 151: 91, 1984

hemolytic uremic syndrome: sonographic—clinical correlation, Graif M; Shohet I; Strauss S; et al, (J Ultrasound Med), 3: 563, 1984

sonography of the kidneys in hemolytic uremic syndrome, Kenney PJ; Brinsko RE; Patel DV; et al, (Invest Radiol), 21: 547, 1986

#### Hemophilia

computed tomography and ultrasonography of the hemophilic pseudotumor and their use in surgical planning, Hermann G; Yeh H-C; Gilbert MS, (Skeletal Radiol), 15: 123, 1986

intracranial hemorrhage in hemophilic children. CT follow-up, Pettersson H; McClure P; Fitz CR, (Radiology), 155: 276,

MR imaging of hemophiliac arthropathy, Kulkarni MV; Drolshagen LF; Kaye JJ; et al, (JCAT), **10**: 445, 1986

pseudomembranous necrotizing bronchial aspergillosis. variant of invasive aspergillosis in a patient with hemophilia and acquired immune deficiency syndrome, Pervez NK; Kleinerman J; Kattan M; et al, (Radiology), 157: 563, 1985

unusual presentation of a large infected hemophiliac pseudotumor in an autologous indium-111 WBC scan, Auger MJ; Critchley M; McVerry BA, (Clin Nucl Med), 11:568, 1986

#### Hemophilus influenzae

hemophilus influenzae pneumonia in the adult. radiographic appearance with clinical correlation, Pearlberg JL, Haggar AM; Saravolatz L, Beute GH; Popovich J, (Radiology), 151: 23, 1984

isolated uvulitis due to haemophilus influenzae type B, Li KI; Kiernan S; Wald ER; et al, (Radiology), **157**: 282, 1985

#### Hemoptysis

See Lung, hemorrhage

Hemorrhage See also under names of organs, such as Brain, hemorrhage

tentoringe extratesticular hemorrhage associated with torsion of the spermatic cord: sonographic demonstration, Vick CW; Bird K; Rosenfield AT; Klein FA; Schneider V; Walsh JW; Brewer WH, (Radiology), 158:

focal adrenal hemorrhage: new US appearance, Cohen EK; Daneman A; Stringer DA; Soto G; Thorner P, (Radiology), 161: 631, 1986

magnetic resonance relaxation times of percutaneously obtained normal and abnormal body fluids, Brown JJ; vanSonnenberg E; Gerber KH; Strich G; Wittich GR; Slutsky RA, (Radiology), 154: 727, 1985

#### Hemorrhage, CT

CT of extracranial hemorrhage and hematomas, Swensen SJ; McLeod RA; Stephens DH, (AJR), 143: 907, 1984

intracranial vascular malformations: MR and CT imaging, Kucharczyk W; Lemme-Pleghos L; Uske A; Brant-Zawadzki M; Dooms GC; Norman D, (Radiology), **156**: 383 1985

# Hemorrhage, MR studies

effect of methemoglobin formation on the MR appearance of subarachnoid hemorrhage, Bradley WG Jr; Schmidt PG, (Radiology), 156: 99, 1985

intracranial vascular malformations: MR and CT imaging, Kucharczyk W; Lemme-Pleghos L; Uske A; Brant-Zawadzki M; Dooms GC; Norman D, (Radiology), 156:

magnetic resonance imaging of hemorrhage, Swensen SJ; Keller PL; Berquist TH; et al, (AJR), 145: 921, 1985

MR imaging of extracranial hematomas: comparison with CT, Dooms GC; Uske A; Berthiaume Y, (Eur J Radiol), 6: 30, 1986

- MRI of extracranial hematomas: preliminary observations, Unger EC; Glazer HS; Lee JKT; et al. (AJR), 146: 403, 1986
- MR of hemorrhage: new approach, Edelman RR; Johnson K; Buxton R; et al, (AJNR), 7: 751, 1986
- sequential MR studies of intracerebral hematomas in monkeys, Di Chiro G; Brooks RA; Girton ME; et al, (AJNR), 7: 193, 1986

#### Hemorrhage, radionuclide studies

- indium-111-labeled leukocyte localization in hematomas: a pitfall in abscess detection, Wing VW; vanSonnenberg E; Kipper S; Bieberstein MP, (Radiology), 152: 173, 1984
- pieberstein MF, (Kadiology), 152: 173, 1984 precise intraoperative location of gastrointestinal bleeding with a hand-held counter: work in progress, Williamson MR; Boyd CM, McGuire EL; Angtuaco TL; Westbrook KC; Lang NP; Alston J; Broadwater JR; Navab F; Bersey ML, (Radiology), 159: 272, 1986
- scintigraphic detection of bleeding after transfemoral arteriography, using technetium-99m labeled RBCs, Gips S; Israel O, (Clin Nucl Med), 11: 669, 1986
- scintigraphic detection of occult hemorrhage in a patient receiving anticoagulants, Rosenbaum RC; Johnston GS; Whitley NO, (J Nucl Med), 27: 223, 1986

#### Hemothorax

See Thorax, hemorrhage

# Heparin

- prevention of postvenographic thrombosis by heparin flush: fibrinogen uptake measurements, Minar E; Ehringer H; Sommer G; et al, (AJR), 143: 629, 1984
- use of the activated coagulation time as a measure of anticoagulation during interventional procedures, Scott JA; Berenstein A; Blumenthal D, (Radiology), 158: 849, 1986

#### Hepatic arteries

- aneurysm of the proper hepatic artery as a rare source of upper gastrointestinal bleeding, Hugel HE; Oser W; Bodner E, (Gastrointest Radiol), 11: 158, 1986
- focal hepatic infarction with bile lake formation, Peterson IM; Neumann CH, (AJR), **142**: 1155, 1984
- hepatic arterial embolization for hepatocellular carcinoma. comparison of CT scans and resected specimens, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Yamada T; Kishi K; Hasegawa H; Okazaki N, (Radiology), 150: 661, 1984
- (Radiology), 100, 001, 1904 hepatic arterial perfusion scintigraphy with fc-99m-MAA: use of a totally implanted drug delivery system, Ziessman HA; Thrall JH; Yang PJ; Walker SC; Cozzi EA; Niederhuber JE: Gyves JW; Ensminger WD; Tuscan MC, (Radiology), 152: 167, 1984
- hepatic artery aneurysm: ultrasonic diagnosis, Rigaux A; Vossen P; Van Baarle A; et al, (JCU), 14: 401, 1986
- hepatic falciform artery: anatomy, angiographic appearance, and clinical significance, Williams DM; Cho KJ; Ensminger WD; Ziessman HA; Gyves JW, (Radiology), 156: 339, 1985
- hepatic infarction with absolute ethanol,
  O'Riordan D; McAllister H; Sheahan BJ;
  MacErlean DP, (Radiology), 152: 627, 1984
- hepatocellular carcinoma treated by transcatheter arterial embolization: progress evaluated by computed tomography, Furui S; Otomo K; Itai Y; Iio M, (Radiology), 150: 773, 1984
- indium-111 labeled leukocyte imaging following hepatic artery embolization, Witte RJ; Petersen RJ; Augustine SC; et al, (Clin Nucl Med), 11: 341, 1986
- portal blood supply of liver metastases, Lin G; Hagerstrand I; Lunderquist A, (AJR), 143: 53, 1984
- selective hepatic angiography using a balloon catheter guide, Sawada S, (Radiology), **156**: 545, 1985
- sonographic differentiation of enlarged hepatic arteries from dilated intrahepatic bile ducts, Wing VW; Laing FC; Jeffrey RB Jr, (AJR), 145: 57, 1985
- utility of SPECT for <sup>99</sup>mTc-MAA hepatic arterial perfusion scintigraphy, Ziessman HA; Wahl RL; Juni JE; et al, (AJR), 145: 747, 1985

# Hepatic arteries, therapeutic blockade

- carcinoid syndrome: palliation by hepatic artery embolization, Carrasco CH; Charnsangavej C; Ajani J; et al, (AJR), 147: 149, 1986
- emphysematous cholecystitis: complication of hepatic artery embolization, Nakamura H; Kondoh H, (Cardiovasc Intervent Radiol), 9: 152 1982
- hepatic arterial embolisation in patients with metastatic carcinoid tumours, Odurny A; Birch SJ, (Radiology), **159**: 575, 1986
- hepatic artery embolization of experimental hepatic tumors with absolute ethanol, Matsui O; Kawamura I; Kadoya M; et al, (Cardiovasc Intervent Radiol), 9: 146, 1986
- infantile hemangioendothelioma: angiographic features and factors determining efficacy of hepatic artery embolization, Burke DR; Verstandig A; Edwards O; et al. (Cardiovasc Intervent Radiol), 9: 154, 1986
- occurrence of an intrahepatic porto-arterial shunt after hepatic artery embolization with Gelfoam powder in rats and rabbits, Matsui 0; Kawamura I; Takashima T, (Acta Radiol [Diagn]), 27: 119, 1986
- therapeutic embolization of the hepatic artery, Campbell DR; Mason WF; Flemming BK; et al, (Radiology), **159:** 575, 1986

### Hepatic arteries, thrombosis

- hepatic artery thrombosis after liver transplantation: radiologic evaluation, Segel MC; Zajko AB; Bowen A; et al, (AJR), 146: 137, 1986
- vascular complications after liver transplantation: 5-year experience, Wozney P; Zajko AB; Bron KM; et al, (AJR), 147: 657, 1986

#### Hepatic veins

- aneurysmal portahepatic venous fistula: report of two cases, Chagnon SF; Vallee CA; Barge J; Chevalier L; Le Gal J; Blery MV, (Radiology), 159: 693, 1986
- hepatocellular carcinoma with venous invasion. sonographic-angiographic correlation, Subramanyam BR; Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, (Radiology), 150: 793, 1984
- intrahepatic venous collaterals forming via the inferior right hepatic vein in 3 patients with obstruction of the inferior vena cava, Takayasu K; Moriyama N; Muramatsu Y; Goto H; Shima Y; Yamada T; Makuuchi M; Yamasaki S; Hasegawa H; Hojo K, (Radiology), 154: 323, 1985
- marked hepatic congestion caused by a thoracoabdominal aneurysm, Sigal E; Pogany AC; Goldman IS, (Radiology), 156: 855, 1985
- metastatic Wilms' tumor causing acute hepaticvein occlusion (Budd-Chiari syndrome), Schraut WH; Chilcote RR, (Radiology), 156: 859, 1985
- peliosis hepatis: diagnosis by magnification wedged hepatic venography, Lyon J; Bookstein JJ; Cartwright CA; Romano A; Heeney DJ, (Radiology), **150**: 647, 1984
- percutaneous transluminal angioplasty of the hepatic veins for treatment of Budd-Chiari syndrome, Uflacker R; Francisconi CF; Rodriguez MP; Amaral NM, (Radiology), 153: 641, 1984

#### Hepatic veins, MR studies

MRI of the Budd-Chiari syndrome, Stark DD; Hahn PF; Trey C; et al, (AJR), 146: 1141, 1986

### Hepatic veins, thrombosis

- Budd-Chiari syndrome and renal failure in Behcet disease. report of a case and review of the literature, Wilkey D; Yocum DE; Oberley TD; et al, (Radiology), 153: 561, 1984
- Budd-Chiari syndrome associated with oral contraceptive steroids. review of treatment of 47 cases, Lewis JH; Tice HL; Zimmerman HJ, (Radiology), 151: 819, 1984
- Budd-Chiari syndrome complicating hepatocellular carcinoma: demonstration by multiple radiotracer scintigraphy, Lee VW; Peng TT; O'Brien MJ; et al, (Clin Nucl Med), 11: 102. 1986

- Budd-Chiari syndrome: review, Murphy FB; Steinberg HV; Shires GT III; et al, (AJR), 147: 9, 1986
- Budd-Chiari syndrome: US evaluation, Menu Y; Alison D; Lorphelin J-M; Valla D; Belghiti J; Nahum H, (Radiology), 157: 761, 1985
- intraoperative ultrasonographic diagnosis of Budd-Chiari syndrome, Nakao K; Miyata M; Takenaka H; et al, (JCU), **14**: 562, 1986
- MRI of the Budd-Chiari syndrome, Stark DD; Hahn PF; Trey C; et al, (AJR), 146: 1141, 1986
- percutaneous transluminal angioplasty of the hepatic veins for treatment of Budd-Chiari syndrome, Uflacker R; Francisconi CF; Rodriguez MP; Amaral NM, (Radiology), 153: 641, 1984
- primary Budd-Chiari syndrome: ultrasonic demonstration, Makuuchi M; Hasegawa H; Yamazaki S; Moriyama N; Takayasu K; Okazaki M, (Radiology), 152: 775, 1984
- radionuclide liver scan. a screening test for the Budd-Chiari syndrome, Rossleigh MA; Uren RF; Morris JG, (Radiology), 153: 575, 1984
- ultrasonic appearance of the liver in hepatic venous outflow obstruction (Budd-Chiari syndrome): case of pseudohepatic infarct associated with Behcet's disease, Nakayama S; Sakata J; Kusumoto S; et al, (JCU), 14: 300, 1986

### Hepatic veins, US studies

intraoperative ultrasonographic diagnosis of Budd-Chiari syndrome, Nakao K; Miyata M; Takenaka H; et al, (JCU), 14: 562, 1986

#### Hepatiti

- autoimmune chronic active hepatitis in post menopausal women, Lebovics E; Schaffner F; Klion FW; et al, (Radiology), 158: 566. 1986
- contracted gallbladder: finding in hepatic dysfunction, Ferin P; Lerner RM, (Radiology), **154**: 769, 1985
- gallbladder abnormalities in acute infectious hepatitis: a prospective study. Maudgal DP; Wansbrough-Jones MH; Joseph AEA, (Radiology), 153: 572, 1984
- gallbladder size in acute viral hepatitis, Eberle F; Pfeilsticker D; Rettenmaier G, (Radiology), **154**: 568, 1985
- liver size evaluated by ultrasound: ROC curves for hepatitis and alcoholism, Niederau C; Sonnenberg A, (Radiology), **153**: 503, 1984
- oriental cholangiohepatitis: diagnostic imaging and interventional management, vanSonnenberg E; Casola G; Cubberley DA, (AJR), 146: 327, 1986
- sonographic patterns of the gallbladder in acute viral hepatitis, Maresca G; De Gaetano AM; Mirk P; et al, (Radiology), 153: 859, 1984

# Hepatoblastoma

See Blastoma; Liver neoplasms

#### Heredity

See Familial conditions

#### Hernia

- See also Herniography; under names of organs and regions, such as Brain, hernia
- CT demonstration of hernia through an iliac crest defect, Kane VG; Silverstein GS, (JCAT), 10: 432, 1986
- CT diagnosis of hernia through iliac bonegraft donor site, Ramirez H Jr; Bennett WF; Peters V, (JCAT), 9: 411, 1985
- inferior lumbar (Petit's) hernia, Lawdahl RB; Moss CN; Van Dyke JA, (AJR), 147: 744, 1986
- Morgagni hernias during infancy: presentation and associated anomalies, Pokorny W; McGill CW; Harberg FJ, (Radiology), 155: 855, 1985
- pericardiophrenic hernia secondary to a surgically created peritoneal and pericardial window, Ames MD; Kaczmarski CJ; Sahar DI; et al, (Radiology), 160: 857, 1986

# Hernia, Bochdalek

- Bochdalek hernia: prevalence and CT characteristics, Gale ME, (Radiology), 156: 449, 1985
- late-onset Bochdalek's hernia with obstruction: radiographic spectrum of presentation, Gaisie G; Young LW; Oh KS, (Radiology), 150: 289, 1984

# Hernia, diaphragmatic

Hernia, diaphragmatic

abnormal course of nasogastric tube in traumatic rupture of left hemidiaphragm, Perlman SJ; Rogers LF; Mintzer RA; et al, (AJR), 142: 85, 1984

anterior diaphragm: variations in the CT appearance, Gale ME, (Radiology), 161: 635, 1986

Bochdalek hernia: prevalence and CT characteristics, Gale ME, (Radiology), 156: 449, 1985

449, 1985
congenital diaphragmatic hernia: US diagnosis
prior to 22 weeks gestation, Benacerraf BR;
Greene MF, (Radiology), 158: 809, 1986
current concepts in the management of
neonatal ICU patients with pulmonary
hypertension and localized barotrauma,
Berdon WE, (Radiology), 158: 493, 1986
hydrothorax, ascites, and right diaphragmatic

bertuon W.E., (tradilology), 158: 493, 1986 hydrothorax, ascites, and right diaphragmatic hernia, Gilsanz V; Emons D; Hansmann M; Meradji M; Donaldson JS; Omenaca F; Quero J; Tucker BL, (Radiology), 158: 243, 1986

intrapleural perforation of peptic ulcer in association with diaphragmatic hernia, McDonald CF; Walbaum PR; Sircus W; et al, (Radiology), 157: 279, 1985

in utero diagnosis of congenital diaphragmatic hernia by CT amniography, Kelly DR; Grant EG; Zeman RK; et al, (JCAT), 10: 500,

strangulated diaphragmatic hernia with pneumothorax due to colopleural fistula, Radin DR; Ray MJ; Halls JM, (AJR), 146: 321,

transdiaphragmatic intercostal hernia, Cole FH Jr; Miller MP; Jones CV, (Radiology), **161**: 283, 1986

traumatic intrapericardial diaphragmatic hernia, Cremers PTJ, (Semin Roentgenol), 19: 81, 1984

#### Hernia, duodenal

computed tomography of left paraduodenal hernia, Passas V; Karavias D; Grilias D; et al, (JCAT), 10: 542, 1986

Hernia, hiatal

prevalence, course and management of some benign oesophogeal diseases in the Black population. the Groote Schuur Hospital experience, Silber W, (Radiology), **150**: 854, 1984

Hernia, inguinal

herniography in atypical inguinal hernia, Ekberg O; Fork F-T; Fritzdorf J, (Radiology), 156: 563, 1985

inguinal hernia: CT appearance after injection therapy, Widlus DM, (Radiology), 151: 156,

inguinal ovaries in children demonstrated by high resolution real-time ultrasound, Goske MJ; Emmens RW; Rabinowitz R, (Radiology), 151: 635, 1984

urinary bladder herniation into the scrotum seen on bone imaging, Lee TA III; Siddiqui AR, (Clin Nucl Med), 11: 435, 1986

Hernia, scrotal

scrotal cystocele with bladder calculi (case report), Postma MP; Smith R, (AJR), 147: 287, 1986

Hernia, ureteroinguinal

CT demonstration of a ureteroinguinal hernia causing hydronephrosis, Noto AM; Ragosin RJ; Beltran J, (JCAT), 9: 832, 1985

Herniography

herniography: comparison of morbidity and image quality after use of high and low osmolality contrast media, Ekberg O; Nilsson PE, (Invest Radiol), **21**: 404, 1986

herniography in atypical inguinal hernia, Ekberg O; Fork F-T; Fritzdorf J, (Radiology), 156: 563, 1985

Herpes simplex

CT of neonatal herpes encephalitis, Herman TE; Cleveland RH; Kushner DC; et al, (AJNR), **6**: 773, 1985

herpes esophagitis in an otherwise healthy patient, DeGaeta L; Levine MS; Guglielmi GE; et al, (AJR), 144: 1205, 1985

herpes simplex encephalitis: CT findings in the neonate and young infant, Benator RM; Magill HL; Gerald B; et al, (AJNR), 6: 539, 1985

neonatal herpes simplex pneumonia: radiographic findings, Dominguez R; Rivero H; Gaisie G; Talmachoff P; Amortegui A; Young LW, (Radiology), **153**: 395, 1984

Herpes zoster

herpes zoster ophthalmicus and delayed ipsilateral cerebral infarction, Bourdette DN; Rosenberg NL; Yatsu FM, (Radiology), **152**: 855, 1984

ascending lower-limb phlebography: comparative study of Hexabrix 320, johexol 300 and johexol 240, Hall-Craggs MA; Hine AL, (Br J Radiol), 59: 685, 1986

incompatibility of Hexabrix and Papaverine, Pilla TJ; Beshany SE; Shields JB, (AJR), 146: 1300, 1986

Omnipaque vs. Hexabrix in intravenous DSA of the carotid arteries: randomized doubleblind crossover study, Nakstad PH; Bakke SJ; Kjartansson O; et al, (AJNR), 7: 303, 1986

optimal concentration of contrast medium for aortography and femoral arteriography: comparison of Hexabrix 320 and Hexabrix 250, Grainger RG, (Clin Radiol), 37: 281,

temporomandibular joint arthrography: comparison of morbidity with ionic and low osmolality contrast media, Katzberg RW; Miller TL; Hayakawa K; Manzione JV; Tallents RH, (Radiology), 155: 245, 1985

Hibernoma

hibernoma: case report and discussion of a rare tumor, Rigor VU; Goldstone SE; Jones J; et al, (Radiology), **161**: 573, 1986

hibernoma: patient examined by CT, Coblentz C; Roberts JT; Fitzgerald E, (J Canad Assoc Radiol), 37: 110, 1986

adhesive capsulitis of the hip and ankle, Griffiths HJ; Utz R; Burke J; et al, (AJR), 144:

characterization of "transient synovitis of the hip" in children, Haueisen DC; Weiner DS; Weiner SD, (Radiology), 159: 824, 1986

hip dysplasia associated with Charcot-Marie-Tooth disease in the older child and adolescent, Kumar SJ; Marks HG; Bowen JR; et al., (Radiology), **158**: 575, 1986

protrusio acetabuli in sickle-cell anemia, Martinez S; Apple JS; Baber C; Putman CE; Rosse WF, (Radiology), 151: 43, 1984

synovial chondromatosis of the hip joint presenting as a pathological fracture, Szypryt P; Twining P; Preston BJ; et al, (Br J Radiol), **59**: 399, 1986

Hip, abnormalities

Congenital coxa vara. a retrospective review, Weinstein JN; Kuo KN; Millar EA, (Radiology), 152: 852, 1984

greater trochanteric overgrowth: development and surgical correction, Fernbach SK; Poznanski AK; Kelikian AS; Tachidian MO; Marzano MJ, (Radiology), 154: 661, 1985

infant hip: assessment with real-time US, Boal DKB; Schwenkter EP, (Radiology), 157: 667, 1985

Infant hip: real-time US assessment of acetabular development, Morin C; Harcke HT; MacEwen GD, (Radiology), 157:

use of computed tomography in congenital dislocation of the hip, Helms CA; Goodman PC; Jeffrey RB Jr, (Radiology), 152: 555, 1984

late sequelae of juvenile arthritis of the hip: a follow-up study into adulthood, Patriquin HB; Camerlain M, (Radiology), 153: 562, 1984

Hip, arthrography

bursae and abscess cavities communicating with the hip: diagnosis using arthrograph and computed tomography, Steinbach LS; Schneider R; Goldman AB; Kazam E; Ranawat CS; Ghelman B, (Radiology), 156: 303, 1985

digital subtraction arthrography, Newberg AH; Wetzner SM, (Radiology), 154: 238, 1985

hip arthrography in infants and children: the inferomedial approach, Strife JL; Towbin RB; Crawford A, (Radiology), 152:

histiocytic reaction to hip arthroplasty, Reinus WR; Gilula LA; Kyriakos M; Kuhlman RE, (Radiology), **155:** 315, 1985

tumor involvement of peripheral joints other than the knee: arthrographic evaluation, De Smet AA; Levine E; Neff JR, (Radiology),

Hip, CT

acetabular alterations in untreated congenital retabular afterations in untreated congenital dysplasia of the hip: computed tomography with multiplanar re-formation and three-dimensional analysis, Lafferty CM; Sartoris DJ; Tyson R; et al, (JCAT), 10: 84,

acetabular fractures: three-dimensional computed tomographic imaging and interactive surgical planning, Burk DL Jr; Mears DC; Cooperstein LA; et al, (CT), 10: 1,

avascular necrosis of the femoral head: morphologic assessment by MR imaging, with CT correlation, Mitchell DG; Kressel HY; Arger PH; Dalinka MK; Spritzer CE; Steinberg ME, (Radiology), 161: 739, 1986

avascular necrosis of the hip: comparison of MR, CT, and scintigraphy, Mitchell MD; Kundel HL; Steinberg ME; et al, (AJR), 147: 67, 1986

bursae and abscess cavities communicating ursae and abscess cavines communating with the hip: diagnosis using arthrography and computed tomography, Steinbach LS; Schneider R; Goldman AB; Kazam E; Ranawat CS; Ghelman B, (Radiology), 156: 303, 1985

computed tomography in the management of acetabular fractures, Griffiths HJ; Standerstkjold-Nordenstam C-G; Burke J; et al. (Radiology), 154: 567, 1985

concentric reduction of the dislocated hip: computed-tomographic evaluation, Hernandez RJ, (Radiology), **150**: 266, 1984

CT classification of acetabulum fractures, Marincek B; Porcellini B; Robotti G, (Radiology), 153: 858, 1984

dosimetry of computerized tomography in the evaluation of hip dysplasia, Guyer B; Smith DS; Cady RB; et al, (Radiology), 154:

metallic hip implants: CT with multiplanar reconstruction, Fishman EK; Magid D; Robertson DD; Brooker AF; Weiss P; Siegelman SS, (Radiology), 160: 675, 1986

multiplanar (MPG) imaging of the hip, Fishman EK; Magid D; Mandelbaum BR; Scott WW Jr; Weiss P; Hadfield R; Mudge B; Kopits SE; Brooker AF; Siegelman SS, (Radiographics), 6: 7, 1986

normal acetabular anatomy for acetabular fracture assessment: CT and plain film correlation, Saks BJ, (Radiology), 159: 139, 1986

technique for multiplanar reformation and three-dimensional analysis of computed tomographic data: application to adult hip disease, Sartoris DJ; Resnick D; Bielecki D; et al, (J Canad Assoc Radiol), 37: 69 1986

use of computed tomography in congenital dislocation of the hip, Helms CA; Goodman PC; Jeffrey RB Jr, (Radiology), 152: 555, 1984

Hip, diseases

acetabular alterations in untreated congenital dysplasia of the hip: computed tomography with multiplanar re-formation and three-dimensional analysis, Lafferty CM; Sartoris DJ; Tyson R; et al, (JCAT), 10: 84,

hip changes in spastic cerebral palsy, Sauser DD; Hewes RC; Root L, (AJR), 146: 1219, 1986

Hip, dislocation

concentric reduction of the dislocated hip: computed-tomographic evaluation, Hernandez RJ, (Radiology), 150: 266, 1984

femoral head size in congenital dislocation of the hip, O'Brien T; Salter RB, (Radiology), 157: 854, 1985

infant hip: assessment with real-time US, Boal DKB; Schwenkter EP, (Radiology), 157:

Infant hip: real-time US assessment of acetabular development, Morin C;
Harcke HT; MacEwen GD, (Radiology), 157:

real-time sonography of infant hip dislocation, Keller MS; Chawla HS; Weiss AA, (Radiographics), **6:** 447, 1986

- recurrent anterior dislocation of the hip: case report with arthrographic findings, Tuyer B; Levinsohn EM, (Radiology), 154: 556, 1985
- subluxation of the hip joint during femoral lengthening, Salai M; Chechick A; Ganel A; et al, (Radiology), 159: 572, 1986
- superior dislocation of the hip: report of 2 cases, de Muelenaere PFRG, (Radiology), 159: 286, 1986

#### Hip, fractures

- acetabular fracture assessment with computerized tomography, Rubenstein JD; Kellam JF; McGonigal D, (Radiology), **150**: 866 1984
- acetabular fractures: three-dimensional computed tomographic imaging and interactive surgical planning, Burk DL Jr; Mears DC; Cooperstein LA; et al, (CT), 10: 1, 1986
- computed tomography in the management of acetabular fractures, Griffiths HJ; Standerstkjold-Nordenstam C-G; Burke J; et al, (Radiology), 154: 567, 1985
- cross-sectional anatomy of the adult bony acetabulum, Rubenstein JD; Kellam JF; McGonigal D, (Radiology), **150**: 866, 1984
- CT classification of acetabulum fractures, Marincek B; Porcellini B; Robotti G, (Radiology), 153: 858, 1984
- trabecular mineral content of the spine in women with hip fracture: CT measurement, Firooznia H; Rafii M; Golimbu C; Schwartz MS; Ort P, (Radiology), 159: 737, 1986

### Hip, infection

- bursae and abscess cavities communicating with the hip: diagnosis using arthrography and computed tomography, Steinbach LS; Schneider R; Goldman AB; Kazam E; Ranawat CS; Ghelman B, (Radiology), 156: 303, 1985
- hip joint fluid in the presence of the vacuum phenomenon, Middleton WD; McAlister WH, (Pediatr Radiol), **16**: 171, 1986
- validity of radiographic assessment of childhood transient synovitis of the hip, Rosenborg M; Mortensson W, (Acta Radiol [Diagn]), 27: 85, 1986

#### Hip, injuries

rare cause of posttraumatic locked hip in a child, Kaelin A, (Radiology), 155: 856, 1985

#### Hip, measurement

normal width of the adult hip joint: the relationship of age, sex, and obesity, Pogrund H; Bloom RA; Mogle P, (Radiology), 153: 269, 1984

# Hip, metallic fixation

metallic hip implants: CT with multiplanar reconstruction, Fishman EK; Magid D; Robertson DD; Brooker AF; Weiss P; Siegelman SS, (Radiology), 160: 675, 1986

# Hip, MR studies

- avascular necrosis of the femoral head: morphologic assessment by MR imaging, with CT correlation, Mitchell DG; Kressel HY; Arger PH; Dalinka MK; Spritzer CE; Steinberg ME, (Radiology), 161: 739, 1986
- avascular necrosis of the hip: comparison of MR, CT, and scintigraphy, Mitchell MD; Kundel HL, Steinberg ME; et al. (AJR), 147: 67, 1986
- chemical shift selective magnetic resonance imaging using a whole-body magnet, Frahm J. Haase A; Hanicke W; Matthaei D; Bomsdorf H; Helzel T, (Radiology), 156: 441, 1985
- hematopoietic and fatty bone marrow distribution in the normal and ischemic hip: new observations with 1.5-T MR imaging, Mitchell DG, Rao VM; Dalinka MK; Spritzer CE; Axel L; Gefter WB; Kricun ME; Steinberg ME; Kressel HY, (Radiology), 161: 199, 1986
- joint effusions: MR imaging, Beltran J; Noto AM; Herman LJ; Mosure JC; Burk JM; Christoforidis AJ, (Radiology), **158**: 133, 1986
- MR imaging of iliopsoas bursitis and concurrent avascular necrosis of the femoral head, Cohen JM; Hodges SC; Weinreb JC; et al, (JCAT), 9: 969, 1985
- MRI of joint fluid in the normal and ischemic hip, Mitchell DG; Rao VM; Dalinka MK; et al, (AJR), 146: 1215, 1986

multiple chemical shift selective (CHESS) MR imaging using stimulated echoes, Matthaei D; Haase A; Frahm J; Bomsdorf H; Vollmann W, (Radiology), **160**: 791, 1986

#### Hip, necrosi

- avascular necrosis of the hip: comparison of MR, CT, and scintigraphy, Mitchell MD; Kundel HL; Steinberg ME; et al, (AJR), 147: 67, 1986
- MRI of joint fluid in the normal and ischemic hip, Mitchell DG; Rao VM; Dalinka MK; et al, (AJR), 146: 1215, 1986

# Hip, prostheses

- arthroscintigraphic evaluation of the painful total hip prosthesis, Resnik CS; Fratkin MJ; Cardea JA, (Clin Nucl Med), 11: 242, 1986
- asymptomatic total hip prosthesis: natural history determined using Tc-99m MDP bone scans, Utz JA; Lull RJ; Galvin EG, (Radiology), 161: 509, 1986
- attenuation of radionuclide activity by metalcup arthroplasties, Rosenthall L; Rosenthall S, (AJR), 144: 837, 1985
- bone marrow island vs focal infection: indium-111 leukocyte imaging dilemma, Gates GF, Noall DL, (Clin Nucl Med), 11: 287, 1986
- bursae and abscess cavities communicating with the hip: diagnosis using arthrography and computed tomography, Steinbach LS; Schneider R; Goldman AB; Kazam E; Ranawat CS; Ghelman B, (Radiology), 156: 303, 1985
- 300, 1703 case report 246: osteolysis of the ileum associated with a loose acetabular cup following total hip arthroplasty, secondary to foreign body reaction to polyethylene and methyl methacrylate, Bell RS; Ha'eri GB; Goodman SB; et al, (Radiology), 153: 562, 1984
- digital subtraction arthrography, Newberg AH; Wetzner SM, (Radiology), 154: 238, 1985
- evaluation of hip prostheses by imaging methods, Freiberger RH, (Semin Roentgenol), 21: 20, 1986
- false-positive indium-111 labeled leukocyte scintigram in a patient with a painful hip prosthesis, Feldman N; Makler PT Jr; Alavi A, (Clin Nucl Med), 11: 38, 1986
- focal lytic lesions associated with femoral stem loosening in total hip prosthesis, Scott WW Jr; Riley LH Jr; Dorfman HD, (AJR), 144: 977, 1985
- fractures of the femoral prosthesis after total hip replacement, McNeur JC, (Radiology), 155: 852, 1985
- heterotopic bone formation in patients with DISH following total hip replacement, Bundrick TJ; Cook DE; Resnik CS, (Radiology), 155: 595, 1985
- histiocytic reaction to hip arthroplasty, Reinus WR; Gilula LA; Kyriakos M; Kuhlman RE, (Radiology), **155**: 315, 1985
- local complications of total hip replacements, Gaskill MF, (Semin Roentgenol), 21: 3, 1986
- metallic hip implants: CT with multiplanar reconstruction, Fishman EK; Magid D; Robertson DD; Brooker AF; Weiss P; Siegelman SS, (Radiology), 160: 675, 1986
- radiology of total hip replacement, Griffiths HJ; Lovelock JE; Evarts CM; et al, (Radiology), 154: 848, 1985
- (Radiology), 154: 646, 1965 subacute and chronic bone infections: diagnosis using In-111, Ga-67 and Tc-99m MDP bone scintigraphy, and radiography, Al-Sheikh W; Sfakianakis GN; Mnaymneh W; Hourani M; Heal A; Duncan RC; Burnett A; Ashkar FS; Serafini AN, (Radiology), 155: 501, 1985

#### Hip, radiography

- normal acetabular anatomy for acetabular fracture assessment: CT and plain film correlation, Saks BJ, (Radiology), 159: 139, 1986
- radiology of total hip replacement, Griffiths HJ; Lovelock JE; Evarts CM; et al, (Radiology), **154**: 848, 1985
- screening of children with congenital dislocation of the hip joint on the maternity wards in Sweden, Hansson G; Nachemson A; Palmen K, (Radiology), 151: 264, 1984

#### Hip, radionuclide studies

arthroscintigraphic evaluation of the painful total hip prosthesis, Resnik CS; Fratkin MJ; Cardea JA, (Clin Nucl Med), 11: 242, 1986

- asymptomatic total hip prosthesis: natural history determined using Tc-99m MDP bone scans, Utz JA; Lull RJ; Galvin EG, (Radiology), 161: 509, 1986
- attenuation of radionuclide activity by metalcup arthroplasties, Rosenthall L; Rosenthall S, (AJR), 144: 837, 1985
- avascular necrosis of the hip: comparison of MR, CT, and scintigraphy, Mitchell MD; Kundel HL; Steinberg ME; et al. (AJR), 147: 67. 1986
- bone marrow island vs focal infection: indium-111 leukocyte imaging dilemma, Gates GF; Noall DL, (Clin Nucl Med), 11: 287 1984
- false-positive indium-111 labeled leukocyte scintigram in a patient with a painful hip prosthesis, Feldman N; Makler PT Jr; Alavi A, (Clin Nucl Med), 11: 38, 1986
- isotope scanning in the "irritable hip syndrome", Carty H; Maxted M; Fielding JA; et al, (Radiology), **154**: 562, 1985
- sulfur colloid distribution in normal hips, Williams AG Jr; Mettler FA Jr; Christie JH, (Radiology), **152**: 270, 1984

### Hip, surgery

greater trochanteric overgrowth: development and surgical correction, Fernbach SK; Poznanski AK; Kelikian AS; Tachjdian MO; Marzano MJ, (Radiology), 154: 661, 1985

#### Hip, US studies

- arthrosonography of the irritable hip in childhood: review of 1 year's experience, Adam R; Hendry GMA; Moss J; et al, (Br J Radiol), 59: 205, 1986
- arthrosonography of the painful hip, Wilson DJ; Green DJ; MacLarnon JC, (Radiology), **152**: 867, 1984
- infant hip: assessment with real-time US, Boal DKB; Schwenkter EP, (Radiology), 157: 667, 1985
- Infant hip: real-time US assessment of acetabular development, Morin C; Harcke HT; MacEwen GD, (Radiology), 157: 673, 1985
- ossification center of the infant hip: sonographic and radiographic correlation, Harcke HT; Lee MS; Sinning L; et al, (AJR), 147: 317, 1986
- real-time sonography of infant hip dislocation, Keller MS; Chawla HS; Weiss AA, (Radiographics), 6: 447, 1986
- ultrasound of the hip: review of the applications of a new technique, Berman L; Catterall A; Meire HB, (Br J Radiol), 59: 13, 1986
- ultrasound of the painful hip in children, Peck RJ, (Br J Radiol), 59: 293, 1986

# Hirschsprung disease

See Colon, aganglionosis

### Histiocytoma

- case report 359, Remagen W; Nidecker A; Prein J, (Skeletal Radiol), 15: 251, 1986 extremity bone tumors: evaluation by P-31 MR spectroscopy, Nidecker AC; Muller S; Aue WP; Seelig J; Fridrich R; Remagen W; Hartweg H; Benz UF, (Radiology), 157: 167,
- intraarterial digital subtraction arteriographic evaluation of extremity tumors: comparison with conventional arteriography, Lee KR; Cox GG; Price HI; Johnson JA; Neff JR, (Radiology), 158: 255, 1986
- malignant fibrous histiocytoma: mesenchymal tumor of ubiquitous origin, Ros PR; Viamonte M Jr; Rywlin AM, (AJR), 142: 753, 1984
- postradiation malignant fibrous histiocytoma of bone: clinicopathologic study of 20 patients, Huvos AG; Woodard HQ; Heilweil M, (Radiology), 161: 284, 1986
- varied radiographic manifestations of retroperitoneal malignant fibrous histiocytoma revealed through 27 cases, Goldman SM; Hartman DS; Weiss SW, (Radiology), 160: 284, 1986

#### Histiocytosis

- case report 342, Schlesinger AE; Glass RBJ; Young S; et al. (Skeletal Radiol), 15: 57, 1986 case report 375, Scutellari PN; Orzincolo C; Trotta F, (Skeletal Radiol), 15: 394, 1986
- dural involvement in sinus histiocytosis with masses lymphadenopathy. case report, Trudel M, (Radiology), 153: 854, 1984

eosinophilic granuloma of bone in the growing epiphysis, Leeson MC; Smith A; Carter JR; et al, (Radiology), 157: 570, 1985 extravisceral diffuse infiltration of adult

extravisceral diffuse infiltration of adult histiocytosis x demonstrated by CT, Mourand K; Katz D; Paradinas FJ, (Radiology), 152: 561, 1984 head and neck manifestations of histiocytosis X, Smith RJH; Evans JNG, (Radiology), 154: 561, 1985

histiocytic reaction to hip arthroplasty, Reinus WR; Gilula LA; Kyriakos M; Kuhlman RE, (Radiology), 155: 315, 1985 histiocytosis X: rate and pattern of resolution of osseous lesions, Sartoris DJ; Parker BR, (Radiology), 152: 679, 1984

histiocytosis X: unusual-confusing features of

eosinophilic granuloma, Pomeranz SJ; Proto AV, (Radiology), 160: 571, 1986 intracranial histiocytosis X: case report, Beers GJ; Manson J; Carter AP; et al, (CT), 10:

MR imaging of histiocytosis X in the central nervous system, Graif M; Pennock JM, (AJNR), 7: 21, 1986

orbital histiocytosis on computed tomography, Banna M; Olutola PS, (Radiology), 150: 865,

primary lesions of bone in the 1st decade of life: retrospective survey of biopsy results, Senac MO Jr; Isaacs H; Gwinn JL, (Radiology), 160: 491, 1986

pulmonary (no. 107). 1900 pulmonary eosinophilic granuloma: 25 year follow-up, Powers MA; Askin FB; Cresson DH, (Radiology), **153**: 559, 1984 sinus histiocytosis with massive

lymphadenopathy: skeletal involvement, Puczynski MS; Demos TC; Suarez CR, (Radiology), **157**: 570, 1985

solitary eosinophilic granuloma of a cervical neural arch, Martin N; Helias A; Pottuz GJ; et al, (Radiology), **158**: 571, 1986

Histoplasmosis

histoplasmosis in the acquired immune deficiency syndrome, Wheat LJ; Slama TG; Zeckel ML, (Radiology), 156: 853, 1985

histoplasmosis of the adrenal glands studied by CT, Wilson DA; Muchmore HG; Tisdal RG; Fahmy A; Pitha JV, (Radiology), 150: 779, 1984

sonography of the adrenal glands in chronic disseminated histoplasmosis, Wilson DA; Nguyen DL; Tytle TL; et al, (J Ultrasound Med), 5: 69, 1986

Hodgkin disease

See also Lymphoma

AIDS-related lymphomas: evaluation by abdominal CT, Nyberg DA; Jeffrey RB Jr; Federle MP; Bottles K; Abrams DI, (Radiology), **159**: 59, 1986

cardiophrenic angle adenopathy: update of causes and significance, Vock P; Hodler J, (Radiology), 159: 395, 1986

CT demonstration of cardiophrenic angle lymphadenopathy in Hodgkin disease, Meyer JE; McLoud TC; Lindfors KK, (JCAT), 9: 485, 1985

false-positive thallium-201 parathyroid scan of the mediastinum in Hodgkin's lymphoma, Winzelberg GG; Melada GA; Hydovitz JD, (AJR), 147: 819, 1986

Hodgkin's disease: clinical perspective, Liebman HA; Mauch P, (Semin US CT MR), 6: 362, 1985

intracranial Hodgkin's disease, Blake PR; Carr DH; Goolden AWG, (Br J Radiol), 59:

intracranial Hodgkin's disease. a report of 12 cases and review of the literature, Sapozink MD; Kaplan HS, (Radiology), 151: 825, 1984

625, 1764 intracranial non-Hodgkin lymphoma occurring after treatment of Hodgkin disease, Yang PJ; Burt TB; Stricof DD; Seeger JF, (Radiology), 161: 541, 1986

laryngeal involvement in uncontrolled Hodgkin's disease, Al-Kutoubi MA; Patel PR; Coulter C, (Radiology), 157: 572,

lymphoma, part 1: foreword, Seltzer SE, (Semin US CT MR), 6: 349, 1985 pathology of the lymphomas: 1985, Weinberg DS, (Semin US CT MR), 6: 352,

presentation haemoglobin level in 1103 patients with Hodgkin's disease (BNLI report no. 21), MacLennan KA; Hudson BV; Easterling MJ; et al., (Radiology), 152: 844,

primary pulmonary Hodgkin's disease: clinicopathologic study of 15 cases, Yousem SA; Weiss LM; Colby TV, (Radiology), 160: 857, 1986

(Nadiology), 180: 857, 180: 180; Prognostic significance of age in Hodgkin disease: examination of 1500 patients (BNLI report no. 23), Hudson BV; MacLennan KA; Easterling MJ; et al. (Radiology), 152: 844,

1984
prognostic significance of mediastinal bulk in patients with stage IA-IIB Hodgkin's disease: report from the Manchester lymphoma group, Anderson H. Jenkins JPR; Brigg DJ; et al, (Radiology), 158: 863, 1986 spleen in Hodgkin disease: diagnostic value of CT, Strijk SP; Wagener DJT, Bogman MJJT; de Pauw BE; Wobbes T, (Radiology), 154: 753, 1985

spleen structure in Hodgkin disease ultrasonic characterization: work in progress, Sommer FG; Hoppe RT; Fellingham LL; Carroll BA; Solomon H; Yousem S, (Radiology), **153**: 219, 1984

thoracic wall involvement by Hodgkin disease and non-Hodgkin lymphoma: CT evaluation, Press GA; Glazer HS; Wasserman TH; Aronberg DJ; Lee JKT; Sagel SS, (Radiology), 157: 195, 1985

Sager So, (Radiology), 157: 207 thymic cysts in mediastinal Hodgkin disease, Lindfors KK; Meyer JE; Dedrick CG; Hassell LA; Harris NL, (Radiology), **156**: 37,

Hodgkin disease, complications

complications of treatment for Hodgkin's and non-Hodgkin's lymphoma, Jochelson MS, (Semin US CT MR), 6: 395, 1985

Hodgkin disease, diagnosis

Hodgkin disease and non-Hodgkin lymphomas in children: utilization of radiological modalities, Cohen MD; Siddiqui AR; Weetman RM; Provisor AJ; Coates T, (Radiology), 158: 499, 1986

Hodgkin disease: practical concepts for the diagnostic radiologist, Castellino RA, (Radiology), **159**: 305, 1986

Hodgkin disease, staging

ougain disease, staging computed tomography, lymphography, and staging laparotomy: correlations in initial staging of Hodgkin disease, Castellino RA; Hoppe RT; Blank N; et al, (AJR), 143: 37, 1984

distribution of abdominal and pelvic Hodgkin disease: implications for CT scanning, Aisen AM; Gross BH; Glazer GM; et al, (JCAT), 9: 463, 1985

Hodgkin disease: contributions of chest CT in the initial staging evaluation, Castellino RA; Blank N; Hoppe RT; Cho C, (Radiology), 160: 603, 1986

Hodgkin disease: practical concepts for the diagnostic radiologist, Castellino RA, (Radiology), **159**: 305, 1986

selection of imaging studies for the initial staging of patients with Hodgkin's disease, Marglin SI; Castellino RA, (Semin US CT MR), 6: 380, 1985

Hodgkin disease, therapy

cardiac disease after radiation therapy for Hodgkin's disease: analysis of 48 patients, Applefeld MM; Wiernik PH, (Radiology), 151: 565, 1984

complications of treatment for Hodgkin's and non-Hodgkin's lymphoma, Jochelson MS, (Semin US CT MR), 6: 395, 1985

cystic degeneration of thymic Hodgkin's disease following radiation therapy, Kim HC; Nosher J; Haas A; et al, (Radiology), **156**: 285, 1985

(Radiology), 150-259, 160-269, delayed effect of radiation therapy with or without chemotherapy on ovarian function in women with Hodgkin's disease, Fisher B; Cheung AYC, (Radiology), 155: 559, 1985

Hodgkin disease: practical concepts for the diagnostic radiologist, Castellino RA, (Radiology), **159**: 305, 1986

Hodgkin's disease: is there a price for successful treatment? 25-year experience, Rubin P; Zagars G; Chuang C; et al, (Int J Radiat Oncol Biol Phys), 12: 153, 1986

investigation into the daily reproducibility of patient positioning for 'mantle' treatments, Pearcey RG; Griffiths SE, (Clin Radiol), 37: 43, 1986

liver complications and lymphomas treated with a combination of chemotherapy and radiotherapy: preliminary results, Haddad E; Bourgeois JP; Kuentz M; et al, (Radiology), **154**: 863, 1985

lymphocyte subpopulations in Hodgkin's disease and non-Hodgkin's lymphoma and the effect of radiotherapy. Balasem AN; Barker CR, (Radiology), 156: 288, 1985 mucosal bridges of the upper esophagus after radiotherapy for Hodgkin's disease. Papazian A; Capron J-P; Ducroix J-P; et al, (Radiology), 150: 871, 1984

(Nationogy), 1906, 671, 1704 radiotherapy of stage I and II Hodgkin disease with inguinal presentation, Lanzillo JH; Moylan DJ; Mohiuddin M; Kramer S, (Radiology), 154: 213, 1985

recovery of spermatogenesis following pelvic irradiation for Hodgkin's disease, Pedrick TJ; Hoppe RT, (Int J Radiat Oncol Biol Phys), 12: 117, 1986

respiratory function tests after mantle irradiation in patients with Hodgkin's disease, Cionini L.; Pacini P; De Paola E; et al, (Radiology), 157: 864, 1985

technique to match mantle and para-aortic fields, Lutz WR; Larsen RD, (Radiology), 153: 864, 1984

total lymphoid irradiation as an immunosuppressive agent for transplantation and the treatment of autoimmune disease: review, Halperin EC, (Radiology), 156: 572, 1985

Holoprosencephaly

alobar holoprosencephaly: ultrasonographic prenatal diagnosis, Filly RA; Chinn DH; Callen PW, (Radiology), **151**: 455, 1984

fetal face: ultrasound examination, Benacerraf BR; Frigoletto FD Jr; Bieber FR, (Radiology), 153: 495, 1984 holoprosencephaly and related entities, Fitz CR, (Radiology), 151: 821, 1984

holoprosencephaly classified by computed tomography, Altman NR; Altman DH; Sheldon JJ; et al, (AJNR), 5: 433, 1984

prenatal diagnosis of semilobar holoprosencephaly, Cayea PD; Balcar I; Alberti O Jr; et al, (AJR), 142: 401, 1984

Homosexuals

cytomegalovirus colitis in AIDS: radiographic findings in 11 patients, Balthazar EJ; Megibow AJ; Fazzini E; Opulencia JF; Engel I, (Radiology), 155: 585, 1985

Delaney P; Neeley S; Schwartz R, (Radiology), 151: 267, 1984

generalized lymphadenopathy in homosexual men, Metroka CE; Cunningham-Rundles S; Pollack MS; et al, (Radiology), **150**: 857, 1984

intrathoracic adenopathy: differential feature of AIDS and diffuse lymphadenopathy syndrome. Stern RG: Gamsu G: Golden JA; et al, (AJR), 142: 689, 1984

Kaposi sarcma and Iymphadenopathy syndrome: limitations of abdominal CT in acquired immunodeficiency syndrome, Moon KL Ir; Federle MP; Abrams DI; Volberding P; Lewis BJ, (Radiology), 150: 470-1094 479, 1984

pneumocystis pneumonia: importance of gallium scan for early diagnosis and description of a new immunoperoxidase description of a new immunoperoxidase technique to demonstrate pneumocystis carinii, Levin M; McLeod R; Young Q; et al, (Radiology), 153; 281, 1984
rectal lymphoma in homosexual men, Burkes RL; Meyer PR; Gill PS; et al, (Radiology), 161: 284, 1986

ormones
abnormal pregnancy: early diagnosis by US
and serum chorionic gonadotropin levels,
Nyberg DA; Filly RA; Filho DLD; Laing FC;
Mahony BS, (Radiology), 158: 393, 1986
abnormal pregnancy: early diagnosis by US
and serum chorionic gonadotropin levels,
Kadar N; Romero R, (Radiology), 161: 854,

abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels: reply, Filly RA; Laing FC; Nyberg DA, (Radiology), 161: 854, 1986

gallbladder contraction: effects of fatty meals and cholecystokinin, Hopman WPM; Rosenbusch G; Jansen JBMJ; de Jong AJL; Lamers CBHW, (Radiology), **157**: 37, 1985

immunohistochemical localization in the rat brain of the precursor for thyrotropin-releasing hormones, Jackson IMD; Wu P; Lechan RM, (Radiology), 158: 572, 1986

intravenous cholecystokinin octapeptide: its effect on the sonographic appearance of the bile ducts in normal subjects, Fein AB; Rauch RF II; Bowie JD; Halvorsen RA Jr; Rosenberg ER, (Radiology), **153**: 499, 1984

- ovarian hyperstimulation with exogenous pulsatile gonadotropin releasing hormone therapy, Corenblum B; Wiseman DA, (J Ultrasound Med), 4: 405, 1982
- relation between mammographic findings and hormonal receptor content in breast cancer, Nielsen NSM; Poulsen HS, (AJR), 145: 501,
- 1965
  retrospective study of thirty-two patients with small-cell bronchogenic carcinoma and inappropriate secretion of antidiuretic hormone, Lockton JA; Thatcher N, (Clin Radiol), 37: 47, 1986

- Radiol), 37: 47, 1986 simple technique for quantitative cholecystokinin-HIDA scanning, Newman P; Browne MK; Mowat W, (Radiology), 151: 277, 1984 slipped capital femoral epiphysis in growth hormone-deficient patients, Rappaport EB; Fife D, (Radiology), 157: 570, 1985 technical difficulties of selective venous blood sampling in the differential diagnosis of female hyperandrogenism, Sorensen R; Moltz L; Schwartz U, (Cardiovasc Intervent Radiol), 9: 75, 1986 Radiol), 9: 75, 1986
- Radiol), 97. 7996 use of monoclonal antiestrogen receptor antibody to evaluate estrogen receptor content in fine-needle aspiration breast biopsies, Flowers It, Burton GV; Cox EB; et al. (Radiology), 160: 857, 1986

#### Humerus

- CT features of reactive periostitis in the humerus: lesion resembling myositis ossificans, Donoghue V; Daneman A; Mancer K; et al, (JCAT), 9: 401, 1985
- 'drooping shoulder''—nontraumatic causes of glenohumeral subluxation, Lev-Toaff AS; Karasick D; Rao VM, (Radiology), 154: 848, 1985
- infantile cortical hyperostosis with osteomyelitis of the humerus, Blasier RB; Aronson DD, (Radiology), 157: 570, 1985
- Paget disease with contraction of long bones, Lander PH; Hadjipavlou AG, (Radiology), 159: 471, 1986
- sonographic appearance of osteolysis of humeral head, Kauzlaric D, (ICU), 14: 566,

#### Humerus, fractures

- halfmoon sign, Schild H; Muller HA; Klose K, (Radiology), **150**: 612, 1984
- open reduction and internal fixation of humeral shaft fractures: results using AO plating techniques, Griend RV; Tomasin J Ward EF, (Radiology), 160: 859, 1986
- pseudarthrosis following proximal humeral fractures: possible mechanism, Rooney PJ; Cockshott WP, (Skeletal Radiol), 15: 21, 1986
- radiographic clues to fractures of the unossified medial humeral condyle in young children, Harrison RB; Keats TE; Frankel CJ; et al, (Radiology), **154**: 562, 1985

### Hurler syndrome

magnetic resonance imaging of the brain in Hurler syndrome, Johnson MA; Desai S; Hugh-Jones K; et al, (AJNR), 5: 816, 1984

# Hyaline membrane disease

See Respiratory distress syndrome

#### Hydatid disease

See Echinococcosis

# Hydatidiform mole

See Uterus, hydatidiform mole

### Hydrocele

asymptomatic scrotal masses in children, Barth RA; Teele RL; Colodny A; Retik A; Bauer S, (Radiology), **152**: 65, 1984

#### Hydrocephalus

- acute obstructive hydrocephalus after subarachnoid hemorrhage, Kohi YM; Johnston RA; Devkota UP, (Radiology), **154**: 277, 1985
- chronic cerebral herniation in shunted Dandy-Walker malformation, Naidich TP; Radkowski MA; McLone DG; Leestma J (Radiology), 158: 431, 1986
- clinical course of fetal hydrocephalus: 40 cases, Pretorius DH; Davis K; Manco-Johnson ML; et al, (AJNR), 6: 23, 1985
- clinical course of fetal hydrocephalus: 40 cases, Pretorius DH; Davis K; Manco-Johnson ML; et al, (AJR), 144: 827, 1985
- congenital constriction of the foramen of Monro, Marions O; Boethius I, (Neuroradiol), 28: 275, 1986
- early changes in experimental hydrocephalus, Diggs J; Price AC; Burt AM; et al, (Invest Radiol), **21:** 118, 1986

- effect of ventricular dilatation upon biometry of the fetal head, Callen PW; Chooljian D, (J Ultrasound Med), 5: 17, 1986
- fetal subarachnoid cisterns: ultrasound study with report of a case of congenital communicating hydrocephalus, Pilu G; De Palma L; Romero R; et al, (J Ultrasound Med), 5: 365, 1986
- flowing cerebrospinal fluid in normal and hydrocephalic states: appearance on MR images, Bradley WG Jr; Kortman KE; Burgoyne B, (Radiology), 159: 611, 1986
- hydrocephalus and mental retardation in craniosynostosis, Noetzel MJ; Marsh JL; Palkes H; et al, (Radiology), 159: 575, 1986
- hydrocephalus in childhood. a study of 440 cases, Peacock WJ; Currer TH, (Radiology), 155: 854, 1985
- isotope cisternography in patients with intracranial hypertension, Hayashi M; Kobayashi H; Kawano H; et al, (J Nucl Med), 27: 471, 1986
- management of hydrocephalus in infancy: use of acetazolamide and furosemide to avoid cerebrospinal fluid shunts, Shinnar S; Gammon K; Bergman EW Jr; et al, (Radiology), 158: 282, 1986
- melanosis and hydrocephalus. report of four cases, Humes RA; Roskamp J; Eisenbrey AB, (Radiology), 155: 550, 1985
- metrizamide shuntography for evaluation of shunt malfunction in hydrocephalus, Mirfakhraee M; Benzel EC; Crofford MJ; et al. (AJNR), 6: 815, 1985
- neonatal intracranial hemorrhage and complicating hydrocephalus, Slabaugh RD; Smith JA; Lemons J; et al, (Radiology), **154**: 852, 1985
- otitic hydrocephalus, Lenz RP; McDonald GA, (Radiology), **156**: 862, 1985
- serial lumbar punctures in prevention of post-hemorrhagic hydrocephalus in preterm infants, Anwar M; Kadam S; Hiatt IM; et al, (Radiology), 158: 862, 1986
- sonographic evaluation of cerebral cortical mantle thickness in the fetus and neonate with hydrocephalus, Callen PW; Hashimoto BE; Newton TH, (J Ultrasound Med), 5: 251, 1986
- surgical treatment of idiopathic hydrocephalus in elderly patients, Petersen RC; Mokri B; Laws ER Jr, (Radiology), **158**: 572, 1986
- syndrome of normal-pressure hydrocephalus, Vassilouthis J, (Radiology), **155**: 553, 1985
- ultrasound evaluation of complications in shunted hydrocephalus, Lipinski JK; Peacock WJ; Cremin BJ, (Radiology), 154: 852, 1985
- unilateral hydrocephalus secondary to congenital atresia of the foramen of Monro. case report, Wilberger JE; Vertosick FT; Vries JK, (Radiology), 152: 849, 1984
- variant of normal-pressure hydrocephalus simulating Pick's disease on computerized tomography. report of two cases, Salibu NA; Lourie GL; Lourie H, (Radiology), 152: 855,

# Hydronephrosis

- contrast enhancement of magnetic resonance images by chromium EDTA: an experimental study, Runge VM; Foster MA; Clanton JA; Jones MM; Lukehart CM; Hutchison JMS; Mallard JR; Smith FW; Partain CL; James AE Jr, (Radiology), 152: 123, 1984.
- CT demonstration of a ureteroinguinal hernia causing hydronephrosis, Noto AM; Ragosin RJ; Beltran J, (JCAT), 9: 832, 1985
- current status of fetal intervention for congenital hydronephosis, Kramer SA, (Radiology), 152: 564, 1984
- dilatation of the common bile duct secondary to a hydronephrotic kidney, Cohen LM; Sachs L; Hill MC, (CT), 10: 291, 1986
- fetal hydronephrosis and polyhydramnios associated with vesico-ureteral reflux, Philipson EH; Wolfson RN; Kedia KR, (Radiology), 157: 862, 1985
- fetal hydronephrosis: problems in diagnosis and management, Diament MJ; Fine RN; Ehrlich R; et al, (Radiology), **152**: 268, 1984
- hydronephrosis of pregnancy: a prospective sequential study of the course of dilatation, Fried AM; Woodring JH; Thompson DJ, (Radiology), 151: 835, 1984

- incidental hydronephrosis on bone scintigraphy: sonographic verification. Balachandran 5; Angtuaco TL; Shah HR; et al. (Radiology), 158: 858, 1986 intermittent hydronephrosis: unique feature of ureteropelvic junction obstruction caused by a crossing renal vessel, Hoffer FA; Lebowitz RL, (Radiology), 156: 655, 1985 intermittent hydronephrosis: unique feature of ureteropelvic junction obstruction caused by a crossing renal vessel, Evison (G. (Radiology), 159: 283, 1986 magnetic resonance evaluation of hydronephrosis in the dog, Thickman DI; Kundel HL; Biery D, (Radiology), 152: 113, 1984

- nilk-of-calcium hydronephrosis in patients with paraplegia and urinary-enteric diversion: CT demonstration, Sussman SK; Goldberg RP; Griscom NT, (JCAT), 10: 257,
- 1986
  postpartum evaluation of fetal
  hydronephrosis: optimal timing for followup sonography, Laing FC; Burke VD;
  Wing VW; Jeffrey RB IT; Hashimoto B,
  (Radiology), 152: 423, 1984
  relationship of fetal hydronephrosis to spinal
  dysraphism, Lirette M. Filly RA,
  (Radiology), 152: 866, 1984
  renal obstruction in ratigate with ideal locations
- renal obstruction in patients with ileal loops: US evaluation, Cronan JJ; Amis ES; Scola FH; Schepps B, (Radiology), **158**: 647,
- significance of hydronephrosis after aortofemoral reconstruction, Schubart P; Fortner G; Cummings D; et al, (Radiology), 156: 856, 1985
- sonographic distinction between neonatal multicystic kidney and hydronephrosis, Sanders RC; Hartman DS, (Radiology), 151:
- Rosenberg ER; Bowie JD; et al., (J Ultrasound Med), 4: 51, 1985
- ultrasonography in the diagnosis of hydronephrosis in patients with normal renal function, Dalla-Palma L; Bazzocchi M; Pozzi-Mucelli RS; et al, (Radiology), 152: 267, 1984
- ultrasound versus excretory urography in evaluating acute flank pain, Laing FC; Jeffrey RB Jr; Wing VW, (Radiology), 154: 613, 1985

- Hydrops
  fetal hydrops secondary to a paratracheal
  hemangiomatous malformation, Lenke RR;
  Cyr DR; Mack LA; et al. (J Ultrasound Med),
  222, 1986
- hydrops of the gallbladder in typhoid fever as demonstrated by sonography, Cohen EK; Stringer DA; Smith CR; et al, (JCU), 14: 633,

Hydrops, endolymphatic pars superioris in endolymphatic hydrops, Saad JJ, (Radiology), 156: 568, 1985

#### Hydrops fetalis

- severe nonimmune hydrops fetalis: severe nonimmune hydrops fetalis: sonographic evaluation, Mahony BS; Filly RA; Callen PW; Chinn DH; Golbus MS, (Radiology), 151: 757, 1984 surgically correctable fetal hydrops, Golladay ES; Mollitt DL, (Radiology), 152: 853, 1984 ultrasonographic for
- ultrasonographic features of nonimmune hydrops fetalis: study of 30 successive patients, Brown BSJ, (J Canad Assoc Radiol), 37: 164, 1986

#### Hydrothorax

- hydropneumothorax: detectior. on supine radiographs, Onik G; Goodman PC; Webb WR; Brasch RC, (Radiology), 152: 31,
- hydrothorax, ascites, and right diaphragmatic hernia, Gilsanz V; Emons D; Hansmann M; Meradji M; Donaldson JS; Omenaca F; Quero J; Tucker BL, (Radiology), 158: 243, 1986

- 1986
  Hydroxyapatite
  coralline hydroxyapatite bone graft
  substitutes: preliminary report of
  radiographic evaluation, Sartoris DJ;
  Gershuni DH; Akeson WH; Holmes RE;
  Resnick D, (Radiology), 159: 133, 1986
  hydroxyapatite deposition disease presenting
  as calcific periarthritis in a 14-year-old girl,
  Rush PJ; Wilmot D; Shore A, (Pediatr
  Radiol), 16: 169, 1986
  periarticular calcifications in association with
- periarticular calcifications in association with rintra-articular corticosteroid injections, Dalinka MK; Stewart V; Bomalaski JS; Halpern M; Kricun ME, (Radiology), 153: 615, 1984

# Hyperalimentation

Hyperalimentation

jejunal intubation via gastrostomy catheters in pediatric patients, Strife JL; Dunbar JS; Rice S, (Radiology), **154**: 249, 1985

percutaneous transhepatic hyperalimentation for patients with biliary drainage catheters, Train JS; Dan SJ; Mitty HA, (AJR), 144: 255, 1985

pleuropulmonary complications of enteral tube feedings. two reports, review of literature, and recommendations, Miller KS; Tomlinson JR; Sahn SA, (Radiology), 158: 565, 1986

Hypernephroma

See Kidney neoplasms

### Hyperostosis

appearance of hyperostosis frontalis interna on indium-111 leukocyte scans: potential diagnostic pitfall, Floyd JL; Jackson DE Jr; Carretta R, (J Nucl Med). 27: 495, 1986

bone imaging of sternocostoclavicular hyperostosis in palmoplantar pustulosis, Ueno K, Rikimaru S; Kawashima Y; et al, (Clin Nucl Med), 11: 420, 1986

cranial CT findings in sclerosteosis, Hill SC; Stein SA; Dwyer A; et al, (AJNR), 7: 505, 1986

diffuse posterior hyperostosis of the cervical spine with cord compression: a Forestier (DISH) variant, Cholankeril JV; Cenizal JS; Ketyer 5; et al, (Radiology), 150: 292, 1984

heterotopic bone formation in patients with DISH following total hip replacement, Bundrick TJ; Cook DE; Resnik CS, (Radiology), 155: 595, 1985

infantile cortical hyperostosis with osteomyelitis of the humerus, Blasier RB; Aronson DD, (Radiology), 157: 570, 1985

inflammatory hyperostosis and sclerosis of the clavicle, Jurik AG; Moller BN, (Skeletal Radiol), 15: 284, 1986

minimal spinal hyperostosis with low-dose isotretinoin therapy, Kilcoyne RF; Cope R; Cunningham W; et al, (Invest Radiol), 21: 41, 1986

multiple hyperostosis with unilateral sacroilitis—a new spondyloarthropathy, Beraneck L; Kaplan G; Benoist M; et al, (Radiology), **155**: 856, 1985

pattern of spinal and extraspinal hyperostosis in patients with ossification of the posterior longitudinal ligament and the ligamentum flavum causing myelopathy, Hukuda S; Mochizuki T; Ogata M; et al, (Radiology), 153: 270, 1984

radiological features of diffuse idiopathic skeletal hyperostosis (D.I.S.H.), Doyle TCA; Littlejohn G, (Australas Radiol), **30**: 76, 1986

radionuclide and radiographic diagnosis of sternocostoclavicular hyperostosis, Rosenthall L; Burke DL, (Clin Nucl Med), 11: 322, 1986

report of a new case of neonatal cortical hyperostosis. histological and ultrastructural study, Beluffi G; Chirico G; Colombo A; et al, (Radiology), 153: 567, 1984

spine and multiple site hyperostoses in gout and hyperuricemia, Stepan J; Svab V; Kolar J; et al, (Radiology), **151**: 545, 1984

sternocostoclavicular hyperostosis: review and report of 11 cases, Sartoris DJ; Schreiman JS; Kerr R; Resnik CS; Resnick D, (Radiology), 158: 125, 1986

usefulness of bone imaging in diagnosis of sternocostoclavicular hyperostosis, Otsuka N; Fukunaga M; Sone T; et al, (Clin Nucl Med), 11: 551, 1986

# Hyperostosis, infantile cortical

Labrune M; Guedj G; Vial M; et al, (Radiology), 150: 860, 1984 case report 363, Langer R; Kaufmann H

case report 363, Langer R; Kaufmann HJ, (Skeletal Radiol), 15: 377, 1986

# Hyperoxaluria

radiological aspects of primary hyperoxaluria, Day DL; Scheinman JI; Mahan J, (AJR), **146**: 395, 1986

# Hyperparathyroidism

See Parathyroid, hyperparathyroidism

# Hypertension, portal

angiographic, hemodynamic, and histologic evaluation of portal hypertension and periportal fibrosis induced in the dog by retrograde biliary injections of sesame oil, Burgener FA; Gutierrez OH, (Invest Radiol), 21: 551, 1986 collateral pathways of the left gastric vein in portal hypertension, Widrich WC; Srinivasan MK; Semine MC; et al, (AJR), 142: 375, 1984

computed tomography and sonography of hepatic cirrhosis and portal hypertension, Walker RM; Oliver TW Jr; McCain AH; Sones PJ Jr; Bernardino ME, (Radiographics), 4: 677, 1984

development of portal vein thrombosis complicating idiopathic portal hypertension. case report, Ohnishi K; Saito M; Terabayashi H; et al, (Radiology), 157: 565. 1985

dilatation of the cystic veins in portal hypertension: sonographic demonstration, Marchal GJF; Van Holsbeeck M; Tshibwabwa-Tumba E; Goddeeris PG; Fevery J; Oyen RH; Adisoejoso B; Baert AL; Van Steenbergen W, (Radiology), 154: 187, 1985

enlarged umbilical vein as a sign of portal hypertension: detection by lateral radiography, Nishimura K; Togashi K; Itoh K; Dodo Y; Tanada S; Nakano Y; Torizuka K, (Radiology), 155: 294, 1985

esophageal varices: correlation of left gastric venography and endoscopy in patients with portal hypertension, Takashi M; Igarashi M; Hino S; Musha H; Takayasu K; Arakawa M; Nakashima T; Ohnishi K; Okuda K, (Radiology), 155: 327, 1985

hepatoma, arterioportal shunting, and hyperkinetic portal hypertension: therapeutic embolization, Morse SS; Sniderman KW; Galloway S; Rapoport S; Ross GR; Glickman MG, (Radiology), 155: 77, 1985

infrahepatic interruption of the inferior vena cava with portal continuation, Bercoff E; Colin R; Benozio M; Janvresse A; Berland J; Fillastre J-P, (Radiology), 154: 771, 1985

lesser omental thickness in normal children: baseline for detection of portal hypertension, Patriquin HB; Tessier G; Grignon A; et al. (AJR), 145: 693, 1985

partial splenic embolization in children with hypersplenism, Kumpe DA; Rumack CM; Pretorius DH; Stoecker TJ; Stellin GP, (Radiology), **155**: 357, 1985

percutaneous splenic artery occlusion for portal hypertension. a new mechanical technique for hypersplenism, Zannini G; Masciarello S; Pagano G; et al, (Radiology), 151: 546, 1984

portal hypertension evaluated by MR imaging, Williams DM; Cho KJ; Aisen AM; Eckhauser FE, (Radiology), **157**: 703, 1985

portal pressure changes induced by medical treatment: US detection, Zoli M; Marchesini G; Marzocchi A; Marrozzini C; Dondi C; Pisi E, (Radiology), 155: 763, 1985

portal venous system measurements in portal hypertension, Lafortune M; Marleau D; Breton G; Viallet A; Lavoie P; Huet P-M, (Radiology), 151: 27, 1984

portosystemic collaterals on MR imaging, Ohtomo K; Itai Y; Makita K; et al, (JCAT), 10: 751, 1986

pulsed Doppler flow as a criterion of portal venous velocity: comparison with cineangiographic measurements, Ohnishi K; Saito M; Koen H; Nakayama T; Nomura F; Okuda K, (Radiology), **154**: 495, 1985

recanalized umbilical vein in portal hypertension: myth, Lafortune M; Constantin A; Breton G; et al, (AJR), 144: 549, 1985

recurrent gastrointestinal bleeding in a child with portal hypertension, Kerlan RK Jr; Pogany AC; Ring EJ, (AJR), 143: 327, 1984

shunts for portal hypertension: MR and angiography for determination of patency, Bernardino ME; Steinberg HV; Pearson TC; Gedgaudas-McClees RK; Torres WE; Henderson JM, (Radiology), 158: 57, 1986

ultrasound detection of unusual spontaneous portosystemic shunts associated with uncomplicated portal hypertension, Di Candio G; Campatelli A; Mosca F; et al, (J Ultrasound Med), 4: 297, 1985 varices from portal hypertension: correlation of CT and angiography, McCain AH; Bernardino ME; Sones PJ Jr; Berkman WA; Casarella WJ, (Radiology), 154: 63, 1985

vasopressin perfusion of esophageal varices in cirrhotic patients: cineangiographic study, Valla D; Huet PM; LaFortune M; Marleau D, (Radiology), 152: 45, 1984

# Hypertension, pulmonary

central thrombi in pulmonary arterial hypertension detected by MR imaging, Fisher MR; Higgins CB, (Radiology), **158**: 223, 1986

contrast echocardiography in pulmonary hypertension: observations explaining the early closure of the pulmonic valve, Meltzer RS; Valk NV; ten Cate F; et al, (Radiology), 152: 862, 1984

current concepts in the management of neonatal ICU patients with pulmonary hypertension and localized barotrauma, Berdon WE, (Radiology), 158: 493, 1986

differentiation of patients with primary and thromboembolic pulmonary hypertension, D'Alonzo GE; Bower JS; Dantzker DR, (Radiology), 153: 845, 1984

evaluating the radiographic assessment of pulmonary venous hypertension in chronic heart disease, Baumstark A; Swensson RG; Hessel SJ; et al. (AJR), 142: 877, 1984

mediastinal lymphadenopathy and pulmonary arterial hypertension im mixed connective tissue disease, Guit GL; Shaw PC; Ehrlich J; Kroon HM; Oudkerk M, (Radiology), 154: 305, 1985

noninvasive evaluation of pulmonary hypertension by a pulsed Doppler technique, Kitabatake A; Inoue M; Asao M; et al, (Radiology), 151: 831, 1984

perfusion lung scanning: differentiation of primary from thromboembolic pulmonary hypertension, Lisbona R; Kreisman H; Novales-Diaz J; et al, (AJR), 144: 27, 1985

radiographic findings in pulmonary hypertension from unresolved embolism, Woodruff WW III; Hoeck BE; Chitwood WR Jr; et al, (AJR), 144: 681, 1985

wedge and subselective pulmonary angiography in pulmonary hypertension secondary to venous obstruction, Bowen JS; Bookstein JJ; Johnson AD; Peterson KL; Moser KM, (Radiology), 155: 599, 1985

#### Hypertension, renal

left renal vein hypertension in patients with left renal bleeding of unknown origin, Nishimura Y; Fushiki M; Yoshida M; Nakamura K; Imai M; Ono T; Morikawa S; Hatayama T; Komatz Y, (Radiology), 160: 663, 1986

# Hypertension, systemic

absolute ethanol injection of the adrenal artery: hypertensive reaction, Fink IJ; Girton M; Doppman JL, (Radiology), **154**: 357, 1985

case report: renovascular hypertension following radiotherapy and chemotherapy treated by transluminal angioplasty, Minton MJ; McIvor J; Cappuccio FP; et al, (Clin Radiol), 37: 399, 1986

computed tomographic changes of hypertensive encephalopathy, Weingarten KL; Zimmerman RD; Pinto RS; et al, (AJNR), 6: 395, 1985

differential glomerular filtration rate in diagnosis of renovascular hypertension and follow-up of balloon angioplasty, Lamki L; Spence JD: Macdonald AC; et al, (Clin Nucl Med), 11: 188, 1986

dotted corticomedullary junction: a sonographic indicator of small-vessel disease in hypertensive children, Garel LA; Pariente DM; Gubler MC; Broyer M; Sauvegrain JH, (Radiology), 152: 419, 1984

exercise radionuclide ventriculographic responses in hypertensive patients with chest pain, Wasserman AG; Katz RJ; Varghese PJ; et al, (Radiology), 156: 284, 1985

exercise renogram. a new approach documents renal involvement in systemic hypertension, Clorius JH; Schmidlin P, (Radiology), 150: 616, 1984

flank mass and hypertension, Pollack H; Kenney PJ; McAfee JG; et al, (AJR), **146**: 67, 1986

- optimizing work-up of adult hypertensive patients for renal artery stenosis: observations about hypertensive urography, digital subtraction arteriography, and patient selection, Thornbury JR; Stanley JC; Fryback DG, (Radiol Clin North Am), 22:
- percutaneous angioplasty in clinical management of renovascular hypertension: initial and long-term results, Martin LG; Price RB; Casarella WJ; Sones PJ; Wells JO Jr; Zellmer RA; Chuang VP; Silbiger ML Jr; Berkman WA, (Radiology), 155: 629, 1985
- percutaneous recanalization of an occluded renal artery and delayed ethanol ablation of the kidney resulting in control of hypertension, Denny DF; Perlmutt LM; Bettmann MA, (Radiology), **151**: 381, 1984
- percutaneous transluminal angioplasty for pediatric renovascular hypertension, Stanley P; Hieshima G; Mehringer M, (Radiology), **153**: 101, 1984
- percutaneous transluminal angioplasty for renovascular hypertension, Awazu M; Shimizu M; Hojo H; et al, (Radiology), **160**:
- percutaneous transluminal angioplasty of the renal artery: results and long-term follow-up, Tegtmeyer CJ; Kellum CD; Ayers CR, (Radiology), 153: 77, 1984
- peripheral renal vascular disease in essential hypertension: hemodynamic, angiographic, and endocrine assessment, Arlart IP; Rosenthal J, (Radiology), **155**: 850, 1985
- recognition and management of renovascular hypertension, Kerlan RK Jr; Pogany AC; Burke DR; et al, (AJR), **145**: 119, 1985
- renal angioplasty: current status, Tegtmeyer CJ; Kofler TJ; Ayers CR, (AJR), 142: 17, 1984
- renal artery digital subtraction angiography: outpatient investigation for renovascular hypertension, Jackson B; Dugdale L, (Radiology), **157**: 564, 1985
- renal vein renin sampling in essential hypertension using hydralazine and the tourniquet test, Gomes A5; Sinaiko AR; Tobian L; Cohn JN; Formanek AG; Roe DJ; Amplatz K, (Radiology), 153: 619, 1984
- results of intravenous digital subtraction angiography (IVDSA) as a screening method for renovascular hypertension, De Somer FM; Auman JL; Baert AL; et al, (Radiology), 155: 548, 1985
- scintigraphic assessment of atrial function in patients with long-standing hypertension, Marmor A; Frankel A; Blondeheim DS; Satinger A; Front D, (Radiology), 151: 483,
- transient hypertension after percutaneous transluminal renal artery angioplasty, Svigals PJ; McLean GK; Davis JE; Meranze SG; Burke DR, (Radiology), 161: 293, 1986
- venous digital subtraction angiography in the evaluation of renovascular hypertension, Pistolesi GF; Maso R; Filosto L; et al, (Radiology), **158**: 574, 1986

# Hyperthermia

- adriamycin resistance, heat resistance and radiation response in Chinese hamster fibroblasts, Wallner K; Li GC, (Int J Radiat Oncol Biol Phys), **12**: 829, 1986
- capacitive heating of phantom and human tumors with an 8 MHz radiofrequency applicator (thermotron RF-8\*), Song CW; Rhee JG; Lee CKK; et al, (Int J Radiat Oncol Biol Phys), 12: 365, 1986
- comparison of the heat and radiation sensitivity of rodent and human derived cells cultured in vitro, Roizin-Towle L; Pirro JP; McDowell J, (Int J Radiat Oncol Biol Phys), 12: 647, 1986
- differential kinetics of thermal resistance (thermotolerance) between murine normal and tumor tissues, Urano M; Kahn J, (Int J Radiat Oncol Biol Phys), **12:** 89, 1986
- early experience with combined interstitial hyperthermia and brachytherapy, Dunlop PRC; Dickinson RJ; Hand JW; et al, (Br J Radiol), **59**: 525, 1986
- hyperthermia induction with thermally self-regulated ferromagnetic implants, Lilly MB; Brezovich IA; Atkinson WJ, (Radiology), 154: 243, 1985

- local hyperthermia by ultrasound for cancer therapy, Lele PP, (Clin Diagn Ultrasound), 16: 135, 1985
- 16: 135, 1985
  Iocal radiofrequency (RF) hyperthermia in the treatment of cancer: Edmonton experience, Jackson FI; Glazebrook GA; Usiskin SR; et al, (Radiology), 155: 560, 1985
  magnetic induction heating of tissue: numerical evaluation of tumor temperature distributions, Halac S; Roemer RB;
  Obscon IR et al. (Reg. id. (Sep.) 155: 150. 1985
- custributions, Halac S; Roemer RB; Oleson JR; et al, (Radiology), 151: 280, 1984 measurement of blood flow using temperature decay: effect of thermal conduction, Sandhu TS, (Int J Radiat Oncol Biol Phys), 12: 373, 1986
- power deposition patterns in magnetically-induced hyperthermia: a two-dimensional low-frequency numerical analysis, Hill SC; Christensen DA; Durney CH, (Radiology), 151: 280, 1984
- radiofrequency hyperthemia: the design of coil transducers for local heating, Lerch IA; Kohn S, (Radiology), 151: 280, 1984
- reversible injury after mild hyperthermia, Stone HB; Harding RP, (Int ) Radiat Oncol Biol Phys), 12: 823, 1986
- synergism between hyperthermia and ionising radiation, Holt JAG; Stanford RW, (Br J Radiol), 59: 795, 1986
- temperature distributions from interstitial RF electrode hyperthermia systems: theoretical predictions, Strohbehn JW, (Radiology), 153: 863, 1984
- thermal dose determination in cancer therapy, Sapareto SA; Dewey WC, (Radiology), 155: 288, 1985
- thermal enhancement of radiation damage in previously irradiated mouse intestine, Hume SP; Marigold JCL, (Br J Radiol), 59:
- thermal enhancement of radiation damage in previously irradiated skin, Law MP; Ahier RG; Somaia S, (Radiology), 156: 863,
- thermochemotherapy (combined cyclophosphamide and hyperthermia) with or without hyperglycemia as an adjuvant to radiotherapy, Urano M; Kahn J; Kenton LA, (Int J Radiat Oncol Biol Phys), 12: 45, 1986 thoracic radiographic
- thoracic radiographic changes after systemic hyperthermia for advanced cancer, Stark P; Guthrie AM; Bull J, (Radiology), 154: 55,
- ultrasonic tissue characterization and histopathology in tumor xenografts following ultrasonically induced hyperthermia, Silverman RH; Coleman DJ; Lizzi FL; et al, (Ultrasound Med Biol), 12: 639, 1986

### Hyperthyroidism See Thyroid, hyperthyroidism

#### Hypogammaglobulinemia ee Gamma globulins

#### Hypoparathyroidism See Parathyroid, hypoparathyroidism

#### Hypopituitarism See Pituitary, hypopituitarism

# Hypotension decreased splenic enhancement on CT in traumatized hypotensive patients, Berland LL; Van Dyke JA, (Radiology), 156: 469, 1985

- hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck, Samaan NA; Vieto R; Schultz PN; et al, (Radiology), 150: 294, 1984
- hypothalamic-pituitary dysfunction in primary empty sella syndrome in childhood, Shulman DI; Martinez CR; Bercu BB; et al, (Radiology), 160: 861, 1986
- neuroradiologic findings of hypothalamic hamartoma with emphasis on computed tomography, Nakagawa N; Takahashi M; Kohrogi Y; et al. (CT), 10: 77, 1986

- central nervous system anoxic-ischemic insult central nervous system anoxic-ischemic inst-in children due to near drowning, Taylor SB; Quencer RM; Holzman BH; Naidich TP, (Radiology), 156: 641, 1985 central nervous system hypoxia in children due to near drowning, Fitch SJ; Gerald B; Magill HL; Tonkin ILD, (Radiology), 156: 647, 1985
- o44, 1963 in vivo <sup>31</sup>P-MR spectroscopy of the liver in the infant rabbit to study the effect of hypoxia on the phosphorus metabolites and intracellular pH, Schmidt HC; Gooding CA; James TL, (Invest Radiol), **21**: 156, 1986

- in vivo <sup>31</sup>P NMR study of cerebral hypoxic hypoxia in rats, Litt L; Gonzalez-Mendez R; Weinstein PR; et al, (Magn Res Med), 3: 619,
- mucous plugging simulating pulmonary embolism in patients with quadriplegia, Dee PM; Suratt PM; Bray ST; et al, (Radiology), 153: 559, 1984

#### Hysterectomy

- computed tomography of vaginal cuff cyst: late complication of hysterectomy, Davis MC; Fishman EK; Cameron JL; et al, (JCAT), 10: 354, 1986
- hysterectomy and adjuvant irradiation for pathologic stage III adenocarcinoma of the endometrium, Stokes S; Bedwinek J; Perez CA; et al, (Int J Radiat Oncol Biol Phys), 12: 335, 1986
- rnys), 12: 333, 1986 treatment of stage I adenocarcinoma of the endometrium by hysterectomy and adjuvant irradiation: retrospective analysis of 304 patients, Stokes S; Bedwinek J; Kao M-S; et al., (Int J Radiat Oncol Biol Phys), 12:

# Hysterosalpingography See Uterus, radiography

retrograde examination of the small bowel in patients with an ileostomy, Zagoria RJ; Gelfand DW; Ott DJ, (Gastrointest Radiol), 11: 97, 1986

retrograde ileography: value of glucagon, Monsein LH; Halpert RD; Harris ED; Feczko PJ, (Radiology), **161**: 558, 1986

#### Ileum, cysts

ultrasound and computed tomographic demonstration of a duplication cyst of the ileum, Warhit JM; Goldman MA; Fagelman D, (J Ultrasound Med), 3: 565, 1984

#### Ileum, diseases

- adaptation of the ileum in nontropical sprue: reversal of the jejunoileal fold pattern, Bova JG; Friedman AC; Weser E; et al, (AJR), 144: 299, 1985
- value of the peroral pneumocolon in children, Stringer DA; Sherman PM; Liu P; et al, (AJR), 146: 763, 1986

#### Ileum, diverticula

acquired jejunoileal diverticular disease: subject review, Maglinte DDT; Chernish SM; DeWeese R; Kelvin FM; Brunelle RL, (Radiology), 158: 577, 1986

# Ileum, neoplasms primary carcinoid tumours of the ileum: radiological appearances, Jeffree MA; Barger SJ; Hemingway AP; et al, (Radiology), 156: 266, 1985

# Ilium

case report 342, Schlesinger AE; Glass RBJ; Young S; et al, (Skeletal Radiol), 15: 57, 1986

#### Ilium, abnormalities

case report 385, Loevinger E; Schabel SI; Davis CS III; et al, (Skeletal Radiol), 15: 492, 1986 Ilium, CT

# CT diagnosis of hernia through iliac bone-graft donor site, Ramirez H Jr; Bennett WF; Peters V, (JCAT), 9: 411, 1985\_\_

iliac bone marrow harvesting: CT appearance, Walker MD; Bennett WF, (JCAT), 9: 1148, 1985

#### Images, analysis

- quantitative digital subtraction angiography: two scanning techniques for correction of scattered radiation and veiling glare. wor in progress, Shaw C-G; Plewes DB, (Radiology), 157: 247, 1985
- toward automated image analysis: future possibilities in historical perspective, Ackerman L, (Radiol Clin North Am), 24: 79,

- Images, artifact carpal tunnel ring artifact, Fodor J III; Malott JC; Moulton J, (AJR), 144: 765, 1985 Malott JC; Moulton J, (AJR), 144: 765, 1985 inferior vena cava CT pseudothrombus produced by rapid arm-vein contrast infusion, Vogelzang RL; Gore RM; Neiman HL; et al. (AJR), 144: 843, 1985 Nal(Tl) camera crystals: imaging capabilities of hydrated regions on the crystal surface, Keszthelyi-Landori S, (Radiology), 158: 823, 1986.

radiographic film fog in the darkroom, Suleiman OH; Showalter CK; Gross RE; Bunge RE, (Radiology), **151**: 237, 1984

respiratory effects in two-dimensional Fourier transform MR imaging, Axel L; Summers RM; Kressel HY; Charles C, (Radiology), **160**: 795, 1986

subcutaneous injection port: new chest-wall artifact, Marn CS; Luck SR; Poznanski AK, (Radiology), **154**: 246, 1985

# Images, degradation

lag in radiographic imaging systems: simple methods for evaluation, Shearer DR; Moore MM, (Radiology), **159**: 259, 1986

pelvis imaging with MR: technique for improvement, Winkler ML; Hricak H. (Radiology), 158: 848, 1986

radiographic film fog in the darkroom, Suleiman OH; Showalter CK; Gross RE; Bunge RE, (Radiology), **151**: 237, 1984

#### Images, display

improved fluoroscopic and cine-radiographic display with pulsed exposures and progressive TV scanning, Seibert JA, (Radiology), **159**: 277, 1986

liver-spleen studies with the rotating gamma camera. I: utility of the rotating display, Kalff V; Satterlee W; Harkness BA; Singer D; Keyes JW Jr, (Radiology), 153: 533, 1984

visual perception and image display terminals, Kundel HL, (Radiol Clin North Am), 24: 69, 1986

#### Images, enhancement

improved fluoroscopic and cine-radiographic display with pulsed exposures and progressive TV scanning, Seibert JA, (Radiology), 159: 277, 1986

pelvis imaging with MR: technique for improvement, Winkler ML; Hricak H, (Radiology), 158: 848, 1986

#### Images, interpretation

asbestos-related pleural thickening: effect of threshold criteria on interpretation, Greene R; Boggis C; Jantsch H, (Radiology), 152: 569, 1984

conspicuity and uncertainty in radiographic detection of lesions, Revesz G, (Radiology), 154: 625, 1985

# Images, processing

compression of radiological images with 512, 1,024, and 2,048 matrices, Lo 5-C; Huang HK, (Radiology), **161**: 519, 1986

computer graphics for digitally formatted images, Templeton AW; Johnson JA; Anderson WH; Cook LT; Dwyer SJ III; Preston DF; Lee KR; Rosenthal SJ; Batnitzky S; Levine E; Tarlton M, (Radiology), 151: 527, 1984

computer-processed subtraction arthrography, Bassett LW; Loftus AA; Mankovich NJ, (Radiology), 157: 821, 1985

digital image processing: effect on detectability of simulated low-contrast radiographic patterns, Ishida M; Doi K; Loo L-N; Metz CE; Lehr JL, (Radiology), **150**: 569, 1984

digital processing of film radiographs, Sommer FG; Smathers RL; Wheat RL; et al, (AJR), 144: 191, 1985

effect of varying high pass filter parameters on the detectability of isolated pulmonary nodules in digitized chest images, Foley WD; Wilson CR; San Dretto M, (Invest Radiol), 21: 305, 1986

gated cardiac blood-pool studies: use of digital filters, Miller TR: Goldman KJ; Epstein DM; Biello DR; Sampathkumaran KS; Kumar B; Siegel BA, (Radiology), 152: 795, 1984

histogram-directed processing of digital chest images, McAdams HP; Johnson GA; Suddarth SA; et al, (Invest Radiol), 21: 253,

left ventricular border recognition using a dynamic search algorithm, Pope DL; Parker DL; Clayton PD; Gustafson DE, (Radiology), **155**: 513, 1985

MR imaging of blood vessels using three-dimensional reconstruction: methodology, Hale JD; Valk PE; Watts JC; Kaufman L; Crooks LE; Higgins CB; Deconinck F, (Radiology), 157: 727, 1985

processing alternatives for digital chest imaging, Johnson GA; Danieley N; Rayin CE, (Radiol Clin North Am), 23: 335,

radiographic film fog in the darkroom, Suleiman OH; Showalter CK; Gross RE; Bunge RE, (Radiology), 151: 237, 1984

radiological image compression: full-frame bit-allocation technique, Lo S-C; Huang HK, (Radiology), 155: 811, 1985

(Nadiology), 193, 017, 1939 tomosynthesis applied to digital subtraction angiography, Kruger RA; Sedaghati M; Roy DG; Liu PY; Nelson JA; Kubal W; Del Rio P, (Radiology), 152: 805, 1984

#### Images, quality

anthropomorphic radiologic phantoms, Yaffe MJ; Johns PC; Nishikawa RM; Mawdsley GE; Caldwell CB, (Radiology), 158: 550, 1986

digital projection radiography of the chest, Kundel HL, (Radiology), 158: 274, 1986 ECG-synchronized cardiac MR imaging: method and evaluation, Lanzer P; Barta C; Botvinick EH; Wiesendanger HUD; Modin G; Higgins CB, (Radiology), 155: 681,

fluoroscopic imaging: quantitation of image lag or smearing, Gray JE; Stears JG; Lopez I Wondrow MA, (Radiology), **150**: 563, 1984

fogging of radiographs by in vivo radionuclides, Noss PJ; Herzberg DL, (AJR), 144: 847, 1985

Nai(Tl) camera crystals: imaging capabilities of hydrated regions on the crystal surface, Keszthelyi-Landori S, (Radiology), 158: 823,

ojective assessment of mammography systems. part II: implementation, Hessler C; Depeursinge C; Grecescu M; Pochon Y; Raimondi S; Valley JF, (Radiology), **156**: 221,

objective assessment of mammography systems. part I: method, Hessler C; Depeursinge C; Grecescu M; Pochon Y; Raimondi S; Valley JF, (Radiology), 156: 215,

radiographic film fog in the darkroom, Suleiman OH; Showalter CK; Gross RE; Bunge RE, (Radiology), **151**: 237, 1984

ROC and contrast detail image evaluation tests compared, Kelsey CA; Moseley RD Jr; Garcia JF; Mettler FA Jr; Parker TW; Juhl JH, (Radiology), 154: 629, 1985

scanning equalization radiography of the chest: assessment of image quality, Wandtke JC; Plewes DB; Vogelstein E, (AJR), 145: 973, 1985

US of the upper abdomen: factors influencing image quality, Windler EET; Lempp FL, (Radiology), **157**: 513, 1985

variable magnetic resonance imaging parameters: effect on pathologic size and conspicuity, Posin JP; Ortendahl DA; Hylton NM; Kaufman L; Watts JC; Crooks LE; Mills CM, (Radiology), 155: 719,

# Images, storage and retrieval

automated radiographic report generation using barcode technology, Adams HG; Campbell AF, (AJR), 145: 177, 1985

automation of film library functions, Bauman RA, (Radiol Clin North Am), 24: 11,

compression of radiological images with 512, 1,024, and 2,048 matrices, Lo S-C; Huang HK, (Radiology), **161**: 519, 1986

digital image management: networking, display, and archiving, Cox GG; Templeton AW; Dwyer SJ III, (Radiol Clin North Am), 24: 37, 1986

implementation of an on-line and long term digital management system, Templeton AW; Dwyer SJ III; Johnson JA; Anderson WH; Hensley KS; Lee KR; Rosenthal SJ; Preston DF; Batnitzky S, (Radiographics), 5: 121, 1985

medical image management, James AE Jr; Carroll F; Pickens DR III; Chapman JC; Robinson RR; Pendergrass HP; Zaner R, (Radiology), 160: 847, 1986

modus operandi for a picture archiving and communication system, Noz ME; Erdman WA; Maguire GQ Jr; Stahl TJ; Tokarz RJ; Menken KL; Salviani JA, (Radiology), 152: 221, 1984

radiological image compression: full-frame bit-allocation technique, Lo S-C; Huang HK, (Radiology), 155: 811, 1985

(Radiology), 155: 811, 1985
radiology reporting, Jost RG, (Radiol Clin
North Am), 24: 19, 1986
review of optical storage technology for
archiving digital medical images, Hindel R,
(Radiology), 161: 257, 1986
use of a microcomputer to store information
on radiology cases, Kurtz D; Helfgott R;
Hill SC; et al, (Radiology), 156: 565, 1985

Images, transmission mages, transmission computer graphics for digitally formatted images, Templeton AW; Johnson JA; Anderson WH; Cook LT; Dwyer SJ III; Preston DF; Lee KR; Rosenthal SJ; Batnitzky S; Levine E; Tarlton M, (Radiology), 151: 527, 1984

(Radiology), 151: 527, 1984
medical image management, James AE Jr;
Carroll F; Pickens DR III; Chapman JC;
Robinson RR; Pendergrass HP; Zaner R,
(Radiology), 160: 847, 1986
teleradiology, Gitlin JN, (Radiol Clin North
Am), 24: 55, 1986

Immotile cilia syndrome immotile cilia syndrome: radiological manifestations, Nadel HR; Stringer DA; Levison H; Turner JAP; Sturgess JM, (Radiology), 154: 651, 1985

### Immunity

bile duct dilatation and immunodeficiency in children. report of four cases, Garel L; Brunelle F; Fischer A; et al, (Radiology), **158**:

283, 1986
computed tomography findings in a case of hypogammaglobulinemia, Norton KI; Som PM, (CT), 10: 41, 1986
demonstration of a cold abscess by gallium-67 imaging in a patient with Job syndrome, Jaramillo D; Kim EE, (AJR), 147: 610, 1986 hepatic abscesses in the immunocompromised patient: role of CT in detection, diagnosis, management, and follow-up, Francis IR; Glazer GM; Amendola MA; et al., (Gastrointest Radiol), 11: 257, 1986
hyperimmunoglobulinemia E syndrome:

(Lastrointest Kadiol), II: 257, 1909
hyperimmunoglobulinemia E syndrome:
association with osteoporosis and recurrent
fractures, Kirchner SG; Sivit CJ; Wright PF,
(Radiology), 156: 362, 1985
infectious antecedent of immunoblastic

infectious antecedent of immunoblastic lymphoma: progressive immunosuppression in a patient with lymphogranuloma venereum, Senitzer D; Gibbons J; Gohara A; et al, (Radiology), 155: 849, 1985 sinusitis in immunodeficient and immunosuppressed patients, Berlinger NT, (Radiology), 157: 857, 1985 treatment of bladder carcinoma with tumorimmune pig lymph node cells. phase I study, Symes MO; Eckert H; Feneley RCL; et al, (Radiology), 157: 564, 1985

1985

# Immunoglobulins See Gamma globulins

### Impotence

mpotence
assessment of impotence with
cavernosography, Friedenberg RM,
(Radiology), 161: 842, 1986
cavernosography in conjunction with artificial
erection for evaluation of venous leakage in
impotent men, Malhotra CM; Balko A;
Wincze JP; Bansal S; Susset JG, (Radiology),
161: 799, 1986
erectile dysfunction caused by venous leakage:
treatment with detachable balloons and
coils, Courtheoux P; Maiza D; Henriet J-P;
Vaislic CD; Evrard C; Theron J, (Radiology),
161: 807, 1986

impotence associated with pudendal arteriovenous malformation, Zorgniotti AW; Shaw WW; Padula G; et al, (Radiology), **154**: 848, 1985

impotence due to the external iliac steal impotence due to the external iliac steal syndrome treated by percutaneous transluminal angioplasty, Van Unnik JG; Marsman JWP, (Radiology), 153: 565, 1984 impotence: evaluation with cavernosography, Delcour C; Wespes E; Vandenbosch G; Schulman CC; Struyven J, (Radiology), 161: 803, 1986

803, 1986
penile xenon (133 Xe) washout: a rapid method
of screening for vasculogenic impotence,
Nseyo UO; Wilbur HJ; Kang SA; et al,
(Radiology), 152: 870, 1984
Peyronie's disease and erectile failure, Metz P;
Ebbehoj J; Uhrenholdt A; et al, (Radiology),
152: 842, 1984

152: 642, 1788 simplified technique of internal pudendal angiography in the investigation of impotence, St. Louis EL; Gray RR; Grosman H, (Cardiovasc Intervent Radiol),

# Infants, central nervous system

vasculogenic impotence evaluated by high-resolution ultrasonography and pulsed Doppler spectrum analysis, Lue TF; Hricak H; Marich KW; Tanagho EA, (Radiology), **155**: 777, 1985

Indium, radioactive

biodistribution of radiolabeled lymphocytes, Fawwaz RA; Oluwole S; Wang TS; Kuromoto N; Iga C; Hardy MA; Alderson PO, (Radiology), 155: 483, 1985

Adderson FO, (Radiology), 1953-463, 1963 cardiac and vascular imaging with labeled platelets and leukocytes, Dewanjee MK, (Semin Nucl Med), 14: 154, 1984 clinical utility of labeled cells for detection of allograft rejection and myocardial infarction, Fawwaz RA, (Semin Nucl Med),

14: 198, 1984

diagnostic value of lung uptake of indium-111 oxine-labeled white blood cells, Segall GM; McDougall IR, (AJR), 147: 601, 1986

effect of chronicity of infection on the sensitivity of the In-111-labeled leukocyte scan, Datz FL; Thorne DA, (AJR), 147: 809, 1986

false positive localisation of indium-111 granulocytes in colonic carcinoma, Saverymuttu SH; Maltby P; Batman P; et al, (Br J Radiol), **59**: 773, 1986

gastrointestinal tract radionuclide activity on astronieshida that fauthuride activity of In-111 labeled leukocyte imaging: clinical significance in patients with fever of unknown origin, Datz FL; Thorne DA, (Radiology), 160: 635, 1986

imaging of inflammatory processes with labeled cells, Froelich JW; Swanson D, (Semin Nucl Med), 14: 128, 1984

imaging of lymph node uptake after intravenous administration of indium-111 metalloporphyrins, Robinson GD Jr; Alavi A; Vaum R; et al, (J Nucl Med), 27: 239,

imaging of venous thromboemboli with labeled platelets, Moser KM; Fedullo PF, (Semin Nucl Med), 14: 188, 1984

In-111 labeled leukocytes: review of problems in image interpretation, McAfee JG; Samin A, (Radiology), 155: 221, 1985

indium-111 chloride imaging in patients with suspected abscesses: concise communication, Sayle BA; Balachandran S; Rogers CA, (Radiology), **153**: 575, 1984

indium-111 labeled leukocyte imaging following hepatic artery embolization, Witte RJ; Petersen RJ; Augustine SC; et al, (Clin Nucl Med), 11: 341, 1986

indium-111-labeled leukocyte localization in hematomas: a pitfall in abscess detection, Wing VW; vanSonnenberg E; Kipper S; Bieberstein MP, (Radiology), 152: 173, 1984

indium-111 labeled leukocyte uptake: false positive results in noninfected

positive results in noninfected pseudoaneurysms, Gilbert BR; Cerqueira MD; Vea HW; Nelp WB, (Radiology), 158: 761, 1986 indium-111 labeled leukocyte uptake: falsepositive results in noninfected pseudoaneurysms, Bauman JM; Landry AJ; Cawthon MA; Hartshorne MF, (Radiology), 161: 570, 1986

indium-111 labeled platelet deposition following transfemoral angiography, O'Connor MK; Brennan SS; Shanik DG, (Radiology), 158: 191, 1986

indium-111 leukocyte imaging: skeletal photopenic lesion, Brown ML; Hauser MF; Aznarez A; et al, (Clin Nucl Med), 11: 611,

indium-labelled platelet uptake in rejecting renal transplants, Chandler ST; Buckels J; Hawker RJ; et al, (Radiology), 151: 562, 1984

labeled cells in patients with malignancy, Dutcher JP, (Semin Nucl Med), 14: 251, 1984 limitations of indium-111 leukocyte scanning in febrile renal transplant patients, Sebrechts C; Biberstein M; Klein JL; et al, (AJR), **146**: 823, 1986

misleading findings on indium-111 leukocyte images, Goodgold HM; Samuels LD, (Clin Nucl Med), 11: 392, 1986

neutrophil labeling: problems and pitfalls, Thakur ML; Seifert CL; Madsen MT; et al, (Semin Nucl Med), 14: 107, 1984

phase 1 immunolymphoscintigraphy with an In-111-labeled antimelanoma monoclonal antibody, Engelstad BL; Spitler LE; Del Rio MJ; Ramos EC; Rosendorf LL; Reinhold CE; Khentigan A; Huberty JP; Corpuz SW; Lee HM; Okeriund MD; Hattner RS; Scannon PJ, (Radiology), 161: 419, 1986

radioimmunodetection of melanoma utilizing In-111 96.5 monoclonal antibody: In-111 96.5 monocional antibody: preliminary report, Halpern SE; Dillman RO; Witztum KF; Shega JF; Hagan PL; Burrows WW; Dillman JB; Clutter ML; Sobol RE; Frencke JM; Bartholomew RM; David GS; Carlo DJ, (Radiology), 155: 493, 1985

radioisotope labeled platelets in medical diagnosis, Pope CF; Sostman HD, (Invest Radiol), 21: 611, 1986

radiolabeling of platelets, Mathias CJ; Welch MJ, (Semin Nucl Med), 14: 118, 1984

subacute and chronic bone infections: diagnosis using In-111, Ga-67 and Tc-99m MDP bone scintigraphy, and radiography, Al-Sheikh W; Sfakianakis GN; Mnaymneh W; Hourani M; Heal A; Duncan RC; Burnett A; Ashkar FS; Serafini AN, (Radiology), 155: 501, 1985

technique of leukocyte harvesting and labeling: problems and perspectives, McAfee JG; Subramanian G; Gagne G, (Semin Nucl Med), 14: 83, 1984

ultrapurification of indium-111 for radiotracer studies, Zoghbi SS; Neumann RD; Gottschalk A, (Invest Radiol), 21: 710, 1986

uptake of <sup>111</sup>In-labeled leukocytes by tumor, Fortner A; Datz FL; Taylor A Jr; et al, (AJR), 146: 621, 1986

utility of indium-121-labeled leukocyte imaging in acute acalculous cholecystitis, Datz FL, (AJR), 147: 813, 1986

#### Indomethacin

localized intestinal perforations after enteral administration of indomethacin in premature infants, Alpan G; Eyal F; Vinograd I; et al, (Radiology), **156**: 858, 1985

See also Infants, newborn

nonpulmonary abnormalities recognizable in pediatric chest radiographs, Dunbar JS, (Radiol Clin North Am), 22: 723, 1984

#### Infants, cardiovascular system

cardiac MR imaging in Pompe disease, Boxer RA; Fishman M; LaCorte MA; et al, (JCAT), 10: 857, 1986

cardiovascular abnormalities in Kawasaki disease, Novelli VM; Galbraith A; Smallhorn PJ; et al, (Radiology), 154: 275,

coaxial balloon-catheter device for treatment of neonates and infants. Lasiaunias P TerBrugge KG; Chiu MC, (Radiology), 159:

congenital vascular anomalies causing tracheoesophageal compression, Smith RJH; Smith MCF; Glossop LP; et al, (Radiology), 153: 568, 1984

diagnostic significance of two-dimensional echocardiography in newborn and young infants with symptomatic congenital heart defects, Kupferschmid C; Lang D, (Radiology), 152: 255, 1984

echo planar imaging of normal and abnormal connections of the heart and great arteries, Chrispin A; Small P; Rutter N; et al, (Pediatr Radiol), 16: 289, 1986

evaluation of vascular rings with digital subtraction angiography, Tonkin ILD; Gold RE; Moser D; et al, (AJR), 142: 1287,

generalized arterial calcification of infancy: eneralized arterial calcification of infar three case reports, including spontane regression with long-term survival, Sholler GF; Yu JS; Bale PM; et al, (Radiology), 155: 278, 1985

giant right atrium secondary to tricuspid valve dysplasia in infancy, Murphey MD; Johnson JA; Mattioli L; et al, (J Ultrasound Med), 4: 353, 1985

heart size in newborn infants with birth asphyxia, Kortman KE; Edwards DK; Deutsch AL; et al, (AJR), 143: 533, 1984

hypoplastic right-sided heart complex: a cluster of cases with associated congenital birth defects. a new syndrome?, Baetz-Greenwalt B; Ratliff NB; Moddie DS, (Radiology), 152: 254, 1984

long-term echocardiographic assessment of dilated cardiomyopathy in children, Gan Der Hauwaert LG; Denef B; Dumoulin M, (Radiology), **152**: 850, 1984

mitral valve E point to ventricular septal separation in infants and children, Engle SJ; DiSessa TG: Perloff IK: et al. (P. 2011) DiSessa TG; Perloff JK; et al, (Radiology) 152: 850, 1984

myocardial localization of technetium-99m MDP in an infant, Fleming JC; Pysher TJ; Leonard JC, (Clin Nucl Med), 11: 369, 1986

normal left atrium: appearance in children on frontal chest radiographs, Rosario-Medina W; Strife JL; Dunbar JS, (Radiology), 161: 345, 1986

perforation of the heart by central venous catheters in infants: guidelines to diagnosis and management, Bar-Joseph G; Galvis AG, (Radiology), 151: 263, 1984

(Radiology), 151: 205, 1969 prognostic value of left ventricular size measured by echocardiography in infants with total anomalous pulmonary venous drainage, Lima CO; Valdes-Cruz LM; Allen HD; et al, (Radiology), 150: 858, 1984

right atrial thrombus and superior vena cava syndrome in a child, Graham L Jr; Gumbiner CH, (Radiology), **154**: 274, 1985 sonographic recognition of idiopathic arterial

calcification of infancy, Rosenbaum DM; Blumhagen JD, (AJR), 146: 249, 198 transectional echo planar imaging of the heart in cyanotic congenital heart disease, Chrispin A; Small P; Rutter N; et al., (Pediatr Radiol), 16: 293, 1986

transient hypothyroidism in infants following contrast angiocardiography, Rohner G; Rautenburg HW; Hopfner B, (Radiology), 153: 275, 1984

trial of iopamidol for angiocardiography in infants, Bennet J, (Radiology), 152: 845, 1984

two-dimensional echocardiographic assessment of left atrial size in children, Hiraishi S; DiSessa TG; Jarmakani JM; et al, (Radiology), **152**: 850, 1984

two-dimensional echocardiographic differentiation of anomalous left coronary artery from congestive cardiomyopathy, Caldwell RL; Hurwitz RA; Girod DA; et al, (Radiology), 152: 554, 1984

two-dimensional echocardiographic identification of aortica-left ventricular tunnel, Perry JC; Nanda NC; Hicks DG; et al, (Radiology), 152: 554, 1984

ultrasound case of the day: annual meeting 1985, Sandler MA; Beute GH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM, (Radiographics), 6: 512, 1986

# Infants, central nervous system

agenesis of the corpus callosum: sonographic features, Gebarski SS; Gebarski KS; Bowerman RA; Silver TM, (Radiology), **151**:

apnea and sudden unexpected death in infants with achondroplasia, Pauli RM; Scott CI; Wassman ER Jr; et al, (Radiology), 153: 849, 1984

apnea as the sole manifestation of cord Compression in achondroplasia, Fremion AS; Garg BP; Kalsbeck J, (Radiology), 153: 849, 1984

bacterial meningitis in infants: sonographic findings, Han BK; Babcock DS; McAdams L, (Radiology), **154**: 645, 1985

(Neuroradiol), 28: 87, 1986

central nervous system sonography in neonates and infants, Dittrich M; Dinkel E; Peters H, (Radiology), 152: 253, 1984

chronic cerebral herniation in shunted Dandy-Walker malformation, Naidich TP; Radkowski MA: McLone DG; Leestma J, (Radiology), **158**: 431, 1986

computed tomography in an infant with salt poisoning: relationship of hypodense areas in basal ganglia to serum sodium concentration, Habbick BF; Hill A; Tchang SP, (Radiology), 157: 282, 1985

congenital sensory neuropathy with skeletal dysplasia, Axelrod FB; Pearson J; Tepperberg J; et al. (Radiology), 151: 547, 1984

cystic periventricular leukomalacia: sonographic and CT findings, Schellinger D; Grant EG; Richardson JD, (AJNR), 5: 439,

digital myelography of spinal dysraphism in infancy: preliminary results, Barnes PD; Reynolds AF; Galloway DC; et al, (AJNR), 5: 208. 1984

digital subtraction angiography in pediatric cerebrovascular occlusive disease, Faerber EN; Griska LAB; Swartz JD; Capitanio MA; Popky GL, (Radiology), 152: 391, 1984 disseminated human subarachnoid coenurosis: computed tomographic appearance, Schellhas KP; Norris GA, (AJNR), 6: 638,

echographic demonstration of extracerebral fluid collections with the lateral technique, Mercker JM; Blumhagen JD; Brewer DK, (Radiology), 151: 822, 1984

evaluation of the infant spine by direct sagittal computed tomography, Altman N; Harwood-Nash DC; Fitz CR; et al, (AJNR), 6:

factors affecting outcome in hypoxic-ischemic encephalopathy in term infants, Finer NN; Robertson CM; Peters KL; et al, (Radiology), 150: 613, 1984

follow-up of infants receiving cranial ultrasound for intracranial hemorrhage, TeKolste KA; Bennett FC; Mack LA, (Radiology), **156**: 857, 1985

(Radiology), 150: 637, 1763 gelatin sign: ultrasonographic evidence of cerebral necrosis in infants, Colan RV, (Radiology), 161: 576, 1986 herpes simplex encephalitis: CT findings in

the neonate and young infant, Benator RM; Magill HL; Gerald B; et al, (AJNR), 6: 539,

high-resolution spinal sonography in infants, Kangarloo H; Gold RH; Diament MJ; et al, (AJNR), 5: 191, 1984

holoprosencephaly and related entities, Fitz CR, (Radiology), 151: 821, 1984

infantile sudanophilic leukodystrophy: computed tomography demonstration, Sano N; Nagao H; Morimoto M; et al, (Neuroradiol), 28: 170, 1986

(Neuroradiol), 28: 170, 1986 intracranial hemorrhage in the term newborn, Fenichel GM; Webster DL; Wong WKT, (Radiology), 152: 848, 1984 intracranial lesions of congenital cytomegalovirus infection detected by ultrasound scanning, Butt W; Mackay RJ; de Crespigny LC; et al, (Radiology), 154: 274, 1985

1903.
Intracranial tuberous sclerosis in infancy, Legge M; Sauerbrei EE; Macdonald A, (Radiology). 153: 667, 1984 intracranial vascular pulsations in pediatric neurosonology, Williams JL, (Radiology), 152: 848, 1984

large hypothalamic and optic chiasm gliomas in infants: difficulties in distinction, Davis PC; Hoffman JC Jr; Weidenheim KM, (AJNR), 5: 579, 1984

(A)NR), 5: 5/9, 1984
management of hydrocephalus in infancy: use
of acetazolamide and furosemide to avoid
cerebrospinal fluid shunts, Shinnar S;
Gammon K; Bergman EW Jr; et al,
(Radiology), 158: 282, 1986
medulloblastoma in infants and children:

computed tomographic follow-up after treatment, Lee Y-Y; Glass JP; van Eys J; Wallace S, (Radiology), **154**: 677, 1985

MRI of the central nervous system in neonates and young children, Lee BCP; Lipper E; Nass R; et al, (AJNR), 7: 605, 1986

neonatal intracranial hemorrhage and complicating hydrocephalus, Slabaugh RD; Smith JA; Lemons J; et al, (Radiology), **154**: 852, 1985

neurosonographic identification of ventricular asymmetry in premature infants, Cohen MD; Slabaugh RD; Smith JA; et al, (Radiology), **152**: 848, 1984

pediatric case of the day, annual meeting, 1985, Towbin RB; Bisset GS, (Radiographics), 6: 1100, 1986

prominent choroid plexus in meningomyelocele: sonographic findings, Netanyahu I; Grant EG, (AJNR), 7: 317, 1986

reactivation of congenital cytomegalic eactivation of congenital cytomegalic inclusion disease in an infant with HTLV-III associated immunodeficiency: CT-pathologic correlation, Post MJD; Curless RG; Gregorios JB; et al, (JCAT), 10: 533, 1986

roentgenologic features of the Meckel syndrome, Seppanen U; Herva R, (Radiology), **151:** 547, 1984

(Radiology), 191-391, 190 septal veins: normal finding on neonatal cranial sonography, Goldstein RB; Filly RA; Toi A, (Radiology), 161: 623, 1986 sonographic appearance of the torcular herophili, Segal SR; Rosenberg HK, (AJNR), 6: 919, 1985

6: 917, 1903 sonographic depiction of changes in ventricular size associated with repeated ventricular aspirations, Fleischer AC; Bundy AL; Hutchison AA; et al, (Radiology), 152: 848, 1984

sonography of brain tumors in infants, Han BK; Babcock DS; Oestreich AE, (AJNR), 5: 253, 1984

5: 23, 1994 sonography of the internal capsule and basal ganglia in infants: 1. coronal sections, Naidich TP; Gusnard DA; Yousefzadeh DK, (AJNR), 6: 909, 1985

(A)NK), 6: 909, 1965 sonography of the internal capsule and basal ganglia in infants: part II: localization of pathologic processes in the sagittal section through the caudothalamic groove, Naidich TP; Yousefzadeh DK; Gusnard DA; Naidich JB, (Radiology), 161: 615, 1986

symmetrical low density areas in bilateral thalami in an infant with measles encephalitis, Ochi J; Okuno T; Uenoyama Y; et al, (Comput Radiol), 10: 137,

timing and evolution of periventricular haemorrhage in infants weighing 1250 g or less at birth, Szymonowicz W; Yu VYH, (Radiology), 153: 273, 1984

ultrasonic assessment of infectious meningitis, Fisher RM; Lipinski JK; Cremin BJ, (Radiology), **154**: 853, 1985

ultrasonographic diagnosis of bacterial meningitis and ventriculitis in infancy: six case reports, Brown BSJ; Thorp P, (Radiology), 153: 849, 1984

(xadiology), 153: 849, 1984 ultrasonographic diagnosis of brain tumors in infancy, Strassburg HM; Sauer M; Weber S; et al. (Radiology), 154: 852, 1985 ultrasound and computed tomography of the infant brain: clinical comparison, Lipinski JK; Cremin BJ, (Clin Radiol), 37: 365, 1986

ultrasound diagnosis of CSF cystic lesions in the neonatal brain, Chilton SJ; Cremin BJ, (Radiology), **152**: 254, 1984

ultrasound evaluation of complications in shunted hydrocephalus, Lipinski JK; Peacock WJ; Cremin BJ, (Radiology), **154**:

ultrasound in the evaluation of hypoxic-ischemic injury and intracranial hemorrhage in neonates: the state of the art, Slovis TL; Shankaran S, (Radiology), 153: 273, 1984

ultrasound of the spinal cord in neonates and infants, Jequier S; Cramer B; O'Gorman AM, (Radiology), **158**: 282, 1986

(Natiology), 156: 262, 156: Action of Monro. case report, Wilberger JE; Vertosick FT; Vries JK, (Radiology), 152: 849, 1984

Infants, eve

trants, eye computed tomography diagnosis of eye tumors and anomalies in early childhood and infancy, Fitz CR; Chuang CH; Harwood-Nash DC, (Radiology), 158: 282,

congenital optic nerve colobomas: CT demonstration, Gardner TW; Zaparackas ZG; Naidich TP, (Radiology), 153: 273, 1984 large hypothalamic and optic chiasm gliomas in infants: difficulties in distinction, Davis PC; Hoffman JC Jr; Weidenheim KM, (AJNR), 5: 579, 1984

Infants, gastrointestinal tract apnea associated with regurgitation in infants, Menon AP; Schefft GL; Thach BT,

(Radiology), 157: 281, 1985

(Radiology), 137: 261, 1792 congenital anorectal anomaly: CT evaluation, Kohda E; Fujioka M; Ikawa H; Yokoyama J, (Radiology), 157: 349, 1985 congenital vascular anomalies causing tracheoesophageal compression, Smith RJH; Smith MCF; Glossop LP; et al, (Radiology), 153: 568, 1984

153: 568, 1984 diagnosis of obstructive jaundice in infants: Tc-99m DISIDA in duodenal juice, Jaw T-S; Wu C-C; Ho Y-H; et al, (Radiology), **154**: 275,

distended neonate, Carty H; Brereton RJ, (Radiology), 151: 263, 1984 double termination of the alimentary tract in females: a report of 12 cases and a literature review, Tsuchida Y; Saito S; Honna T; et al, (Radiology), 154: 561, 1985

(Radiology), 194: 301, 1793 echogenic intravascular and hepatic microbubbles associated with necrotizing enterocolitis, Malin SW; Bhutani VK; Ritchie WW; et al. (Radiology), 152: 255,

echographie de la stenose du pylore, Grignon A; Filiatrault D; Patriquin H; et al, (Radiology), **155**: 551, 1985

epidermolysis bullosa—pyloric atresia. an autosomal recessive syndrome, Bull MJ; Norins AL; Weaver DD; et al, (Radiology), 152: 255, 1984

esophageal strictures in children: treatment by serial balloon catheter dilatations, Goldthorn JF; Ball WS Jr; Wilkinson LG; Seigel RS; Kosloske AM, (Radiology), **153**: 655, 1984

fatal aspirations in infancy during gastrointestinal series, McAlister WH; Siegel MJ, (Radiology), 153: 274, 1984

fluoroscopic removal of ingested alkaline batteries, Jaffe RB; Corneli HM, (Radiology), 150: 585, 1984

focal foveolar hyperplasia presenting as an antral-pyloric mass in a young infant, Katz ME; Blocker SH; McAlister WH, (Radiology), **156**: 274, 1985

(Radiology), 156: 274, 1965 Hirschsprung disease: accuracy of the barium enema examination, Rosenfield NS; Ablow RC; Markowitz RI; DiPietro M; Seashore JH; Touloukian RJ; Cicchetti DV, (Radiology), 150: 393, 1984

idiopathic perforation of the biliary tract in infancy, Stringel G; Mercer S, (Radiology), 152: 851, 1984

imaging approach to persistent neonatal jaundice, Kirks DR; Coleman RE; Filston HC; et al, (AJR), 142: 461, 1984

intrahepatic calcifications in infants and children following umbilical vein catheterization, Richter E; Globl H; Holthusen W; et al, (Radiology), **153**: 568,

1984
intussusception: influence of age on reducibility, Jennings C; Kelleher J, (Radiology), 154: 854, 1985
long-term follow-up of surgery for gastroesophageal reflux in infants and children, Harnsberger JK; Corey JJ; Johnson DG; et al, (Radiology), 150: 289, 1084

meconium disease in premature infants with very low birth weight, Vinograd I; Mogle P; Peleg O; et al, (Radiology), **152**: 851, 1984

mesenchymal hamartoma of the liver, Raffensperger JG; Gonzalez-Crussi F; Skeehan T, (Radiology), **152:** 851, 1984

mesenchymal hamartoma of the liver in infant: its roentgen diagnosis, Egawa T; Kuroda C; Yoshioka H; et al, (Radiology), 152: 554, 1984

metrizamide evaluation of the esophagus in infants, Belt T; Cohen MD, (AJR), 143: 367,

morbidity and mortality of short-bowel syndrome acquired in infancy: an update, Cooper A, (Radiology), 157: 852, 1985

multiple enteric duplications in an infant, Egelhoff JC; Bisset GS III; Strife JL, (Pediatr Radiol), 16: 160, 1986

neonatal ileocolic intussusception with enterogenous cyst: ultrasonic diagnosis, Pandher D; Sauerbrei EE, (Radiology), **152**:

pylorus in infancy: overall sonographic assessment, Graif M; Itzchak Y; Avigad I; et al, (Radiology), **152**: 850, 1984

radiographic diagnosis of meconium peritonitis. a report of 200 cases including six fetal cases, Pan EY; Chen LY; Yang JZ; et al, (Radiology), **150**: 859, 1984

reliable sonographic diagnosis of hypertrophic pyloric stenosis, Wilson DA; Vanhoutte JJ, (Radiology), **154**: 275, 1985

(Nationary), 154: 293, 194.

secretory diarrhea with protein-losing enteropathy, enterocollitis cystica superficialis, intestinal lymphangiectasia, and congenital hepatic fibrosis: new syndrome, Pelletier VA; Galeano N; Brochu P; et al, (Radiology), 159: 824, 1986 sonographic demonstration of duodenal

obstruction with midgut volvulus, Hayden CK Jr; Boulden TF; Swischuk LE; et al, (AJR), **143**: 9, 1984

spontaneous extrahepatic biliary duct perforation in infancy, Fawcett HD; Hayden CK; Swischuk LE; et al, (J Canad Assoc Radiol), 37: 206, 1986

spontaneous resolution of cholelithiasis in infants, Keller MS; Markle BM; Laffey PA; Chawla HS; Jacir N; Frank JL, (Radiology), 157: 345, 1985

thoracic and abdominal enteric duplications, Smith VC; Gomez ER; Ratner IA, (Radiology), **154**: 275, 1985

ultrasonographic detection of spontaneous perforation of the extrahepatic bile ducts in infancy, Bahia JO; Boal DKB; Karl SR; et al, (Pediatr Radiol), 16: 157, 1986

ultrasound diagnosis of gastro-oesophageal reflux, Naik DR; Moore DJ, (Radiology), **154**: 275, 1985

#### Infants, genitourinary system

antegrade pyelography in ureteric duplications with obstructed uppersegments, Macpherson RI; Kaufman JM, (Radiology), 152: 852, 1984

asymmetric horseshoe kidney in the infant: value of renal nuclear scanning, Grandone CH; Haller JO; Berdon WE; Friedman AP, (Radiology), 154: 366, 1985 interest of ultrasound in Drash syndrome.

interest of ultrasound in Drash syndrome. report of three cases, Garel LA; Musset D; Habib R; et al, (Radiology), **153**: 567, 1984

iopamidol for intravenous urography. a comparative study in infants and children, Lemaitre L, (Radiology), **152**: 845, 1984

kidneys in infants and children: evaluation with MR, Dietrich RB; Kangarloo H, (Radiology), 159: 215, 1986

measurement of renal size in preterm and term infants by real-time ultrasound, De Vries L; Levene MI, (Radiology), 150: 613, 1984

medullary nephrocalcinosis and pancreatic calcifications demonstrated by ultrasound and CT in infants after treatment with ACTH, Rausch HP; Hanefeld F; Kaufmann HJ, (Radiology), 153: 105, 1984

Pediatric case of the day: annual meeting 1985, Bisset GS; Towbin RB, (Radiographics), 6: 508, 1986

percutaneous nephrostomy in neonates and infants, LiPuma JP; Haaga JR; Bryan PJ; et al, (Radiology), **156**: 271, 1985

(Radiology), 306 at 7, 306 percutaneous nephrostomy in neonates, infants, and children, Winfield AC; Kirchner SG; Brun ME; Mazer MJ; Braren HV; Kirchner FK Jr, (Radiology), 151: 617, 1984

percutaneous studies of the upper urinary tract in children, with special emphasis on infants, Riedy MJ; Lebowitz RL, (Radiology), 160: 231, 1986

primary oxalosis presenting as anuric renal failure in infancy: diagnosis by x-ray diffraction of kidney tissue, Gilboa N; Largent JA; Urizar RE, (Radiology), 151: 823, 1984

puddling: a distinguishing feature of adult polycystic kidney disease in the neonate, Hayden CK Jr; Swischuk LE; Davis M; et al, (AJR), 142: 811, 1984

simple renal cysts in infants, Steinhardt GF; Slovis TL; Perlmutter AD, (Radiology), 155: 349, 1985

sonographic standards for normal infant kidney length, Blane CE; Bookstein FL; DiPietro MA; et al, (AJR), 145: 1289, 1985

transient acute tubular disease in a newborn and a young infant: sonographic findings, Filiatrault D; Perreault G, JJ Ultrasound Med), 4: 257, 1985

Med), 4: 257, 1985 ultrasonographic features of glomerulocystic disease in infancy: similarity to infantile polycystic kidney disease, Fitch SJ; Stapleton FB, (Pediatr Radiol), 16: 400, 1986

ultrasonography of the complicated duplex kidney: further observations, Wyly JB; Resende CMC; Teele RL, (Semin US CT MR), 5: 35, 1984

ultrasound diagnosis of renal calcification in infants on chronic furosemide therapy, Myracle MR: McGahan JP; Goetzman BW; et al. (JCU), 14: 281, 1986

ureteral diameter in low-risk vesicoureteral reflux in infancy and childhood, Hellstrom M; Hjalmas K; Jacobsson B; et al, (Acta Radiol [Diagn]), 27: 77, 1986

urinary tract infection in infants and children evaluated by ultrasound, Kangarloo H; Gold RH; Fine RN; Diament MJ; Boechat MI, (Radiology), 154: 367, 1985

#### Infants, injuries

avulsion of the spinous processes caused by infant abuse, Kleinman PK; Zito JL, (Radiology), **151**: 389, 1984

cranial computed tomography in the abused child with head injury, Cohen RA; Kaufman RA; Myers PA; et al, (AJNR), 6: 883, 1985

metaphyseal lesion in abused infants: radiologic-histopathologic study, Kleinman PK; Marks SC; Blackbourne B, (AJR), 146: 895, 1986 trauma to the bones of small infants from passive exercise: a factor in the etiology of child abuse, Helfer RE; Scheurer SL; Alexander R; et al, (Radiology), 152: 852, 1984

#### Infants, newborn

fetal femur length/abdominal circumference ratio in preterm labor patients with and without successful tocolytic therapy, Westgren M; Beall M; Divon M; et al, (J Ultrasound Med), 5: 243, 1986

mineral homeostasis in very premature infants: serial evaluation of serum 25hydroxyvitamin D, serum minerals, and bone mineralization, Hillman LS; Hoff N; Salmons S; et al, (Radiology), 158: 283, 1986

neonatal umbilical artery pseudoaneurysm: sonographic evaluation (case report), Katz ME; Perlman JM; Tack ED; et al, (AJR), 147: 322, 1986

radiation hazards in a paediatric intensive care unit, Werner A; Isdale JM, (Pediatr Radiol), 16: 275, 1986

use of the femur length to estimate fetal weight in premature infants: preliminary results, Campbell WA; Vintzileos AM; Neckles S; et al, (J Ultrasound Med), 4: 583, 1985

#### Infants, newborn, cardiovascular system

cardiac perforation from central venous catheters: survival after cardiac tamponade in an infant, Agarwal KC; Khan A; Falla A; et al, (Radiology), **154**: 274, 1985

chest radiographic findings in neonates on extracorporeal membrane oxygenation, Hall JA Jr; Hartenberg MA; Kodroff MB, (Radiology), 157: 75, 1985

clot formation in the renal artery in the neonate demonstrated by ultrasound, Seibert JJ; Lindley SG; Corbitt SS; et al, (JCU), **14**: 470, 1986

coaxial balloon-catheter device for treatment of neonates and infants, Lasjaunias P, TerBrugge KG; Chiu MC, (Radiology), 159: 269, 1986

Doppler evaluation of cerebral arteries in a galenic vein malformation, Soto G; Daneman A; Hellman J, (J Ultrasound Med), 4: 673, 1985

echocardiographic measurement of left ventricular stroke volume in newborn infants: correlative study with pulsed Doppler and M-mode echocardiography, Walther FJ; Siassi B; Wu PYK, (JCU), 14: 37, 1986

extracorporeal membrane oxygenation: radiographic appearance of the neonatal chest, Taylor GA; Short BL; Kriesmer P, (AJR), 146: 1257, 1986

idiopathic infantile arterial calcification: a case report and review of the literature, Maayan C; Peleg O; Eyal F; et al, (Radiology), 155: 553, 1985

left ventricular outflow obstruction and necrotizing enterocolitis, Allen HA; Haney PJ, (Radiology), **150**: 401, 1984

myocardial imaging: Coxsackie myocarditis, Wells RG; Ruskin JA; Sty JR, (Clin Nucl Med), 11: 661, 1986

myocardial perforation by transvenous pacemaker in a newborn infant: echocardiographic diagnosis, Muhler E; Hofstetter R; Hornchen H; et al, (JCU), 14: 141. 1986

neonatal aortoiliac compression caused by a distended bladder, Kushner DC; Chin JK; Cleveland RH; et al, (AJR), **146**: 1273, 1986

noninvasive diagnosis of neonatal coarctation and associated anomalies using twodimensional echocardiography, Duncan WJ; Ninomiya K; Cook DH; et al, (Radiology), 151: 548, 1984

noninvasive diagnosis of persistent fetal circulation versus congenital cardiovascular defects, Linday LA; Ehlers KH; O'Loughlin JE; et al, (Radiology), 152: 554, 1984

noninvasive evaluation of neonatal aortic thrombosis secondary to umbilical artery catheterization, Fellmeth BD; Sandler MP; Thieme GA; et al, (AJR), 146: 619, 1986

nonsurgical management of obstructive aortic thrombosis complicated by renovascular hypertension in the neonate, Malin SW; Baumgart S; Rosenburg HK; et al, (Radiology), 157: 282, 1985 radiologic and real time echocardiographic evaluation of the cyanotic newborn, Unger FM; Cavanaugh DJ; Johnson GF; Tuuri DT; Beekman R, (Radiographics), 6: 603-1982

real-time ultrasound diagnosis of cardiac fibroma in a neonate, de Ruiz M; Potter JL; Stavinoha J; et al, (J Ultrasound Med), 4: 367, 1985

treatment of grafts and major vessel thrombosis with low-dose streptokinase in children, LeBlanc JG; Culham JAG; Chan K-W; et al, (Radiology), 161: 864, 1986

Infants, newborn, central nervous system abnormalities of the neonatal cerebral ventricles, Blumhagen JD; Mack LA, (Radiol Clin North Am), 23: 13, 1985

agenesis of the corpus callosum: sonographic features, Gebarski SS; Gebarski KS; Bowerman RA; Silver TM, (Radiology), **151**: 443, 1984

"bright brain", Skeffington FS; Pearse RG, (Radiology), 151: 821, 1984

cause of neonatal convulsions: towards more precise diagnosis, Levene MI; Trounce JQ, (Radiology), 161: 864, 1986

choroid plexus papilloma: detection by realtime and Doppler sonography, Chow PP; Horgan JG; Burns PN; et al, (AJNR), 7: 168, 1986

computed tomography in global cerebral cortical ischemia of the neonate and young infant, Swartz ID; Soyer A; Brown LW; et al, (CT), 10: 243, 1986

congenital pineoblastoma in the newborn: ultrasound evaluation, Lilue RE; Jequier S; O'Gorman AM, (Radiology), **154**: 363, 1985

cranial sonography of the infant treated with extracorporeal membrane oxygenation, Bowerman RA; Zwischenberger JB; Andrews AF; et al. (AJNR), 6: 377, 1985

cranial sonography of the occipital horns and gyral patterns in the occipital lobes, Vade A; Citto R, (AJNR), 7: 873, 1986

cranial ultrasonography of neonatal periventricular/intraventricular hemorrhage: who, how, why and when?, Kirks DR; Bowie JD, (Pediatr Radiol), 16: 114, 1986

cranial ultrasound and clinical studies in preterm infants, Graziani LJ; Pasto M; Stanley C; et al, (Radiology), **156**: 857, 1985

cranial ultrasound in preterm infants: longterm follow-up, Baerts W; Meradji M, (Radiology), 158: 574, 1986

CT of neonatal herpes encephalitis, Herman TE; Cleveland RH; Kushner DC; et al, (AJNR), 6: 773, 1985

cysts of the choroid plexus in neonates: documentation and review of the literature, Fakhry J; Schechter A; Tenner MS; et al, (J Ultrasound Med), 4: 561, 1985

Dandy-Walker malformation. a review of 40 cases, Hirsch J; Pierre-Kahn A; Renioer D; et al, (Radiology), 155: 550, 1985

diagnosis and outcome of subcortical cystic leucomalacia, Trounce JG; Levene MI, (Radiology), **160**: 288, 1986

digital intravenous cerebral angiography in neonates, Lee BCP; Voorhies TM; Ehrlich ME; et al, (AJNR), 5: 281, 1984

extension of neonatal intraventricular hemorrhage, Levene MI; De Vries L, (Radiology), 154: 852, 1985

factor V deficiency and antenatal intraventricular haemorrhage, Whitelaw A; Haines ME; Bolsover W; et al, (Radiology), 155: 853, 1985

hemorrhage in cavum septi pellucidi, Vade A; McKusick M; Michael A, (Pediatr Radiol), 16: 417, 1986

hypoxic-ischemic encephalopathy in term infants: diagnosis and prognosis evaluated by ultrasound, Siegel MJ; Shackelford GD; Perlman JM; Fulling KH, (Radiology), 152: 395, 1984.

indications for routine cranial ultrasound scanning in the nursery, Sims ME; Halterman G; Jasani N; et al, (JCU), 14: 443, 1986

infantile acute subdural hematoma. clinical analysis of 26 cases, Aoki N; Masuzawa H, (Radiology), **155**: 549, 1985

intracranial hemorrhage in neonates with erythroblastosis fetalis: sonographic and CT findings, Grant EG; Schellinger D; Grosso MA; et al. (AJNR), 5: 259, 1984

- intracranial hemorrhage in the hypoxicischemic infant: ultrasound demonstration of unusual complications, Slovis TL; Shankaran S; Bedard MP; Poland RL, (Radiology), **151**: 163, 1984
- intracranial serratia infection in preterm newborn infants, Lam AH; Berry A; deSilva M; et al, (AJNR), 5: 447, 1984
- intracranial ultrasound diagnosis of neonatal periventricular leukomalacia, Manger MN; Feldman RC; Brown WJ; et al, (Radiology), 153: 565, 1984
- intraventricular hemorrhage in the preterm neonate: timing and cerebral blood flow changes, Ment LR; Duncan CC; Ehrenkranz RA; et al, (Radiology), 153: 849,
- monitoring of the neonate undergoing MR imaging: technical considerations: work in progress, McArdle CB; Nicholas DA; Richardson CJ; Amparo EG, (Radiology), 159: 223, 1986
- natural history of neonatal periventricular/intraventricular hemorrhage and its complications: sonographic observations, Bowerman RA; Donn SM; Silver TM; et al, (AJNR), 5: 527,
- neonatal intracerebellar hemorrhage: detection by real-time ultrasound, Peterson CM; Smith WL; Franken EA, (Radiology), 150: 391, 1984
- neonatal leukencephalopathy: common form of cerebral ischemia, Schellinger D; Grant EG; Richardson JD, (Radiographics), 5:
- neonatal periventricular leukomalacia: realtime sonographic diagnosis with CT correlation, Chow PP; Horgan JG; Taylor KJW, (AJNR), 6: 383, 1985
- neurosonographic recognition of subependymal cysts in high-risk neonates, Clair MR, Zalneraitis EL; Baim RS; et al, (AJNR), 5: 761, 1984
- neurosonographic recognition of subependymal cysts in high-risk neonates, Clair MR; Zalneraitis EL; Baim RS; et al, (AJR), 144: 377, 1985
- normal and pathologic choroid plexus ultrasound, Veyrac C; Couture A, (Radiology), **158**: 282, 1986
- normal vascular anatomy on transfontanellar real time ultrasound in the newborn, Monsaingeon V; Thabault S; Bomsel F, (Radiology), **153**: 565, 1984
- obstetric factors in the causation of early periventricular-intraventricular hemorrhage, Tejani N; Rebold B; Tuck S; et al, (Radiology), **155**: 853, 1985
- occipital horn of the lateral ventricles in premature infants. an ultrasonographic study, Reeder JD; Kaude JV; Setzer ES, (Radiology), **150**: 858, 1984
- occlusive vascular disease in asphyxiated newborn infants, Voorhies TM; Lipper EG; Lee BCP; et al. (Radiology), 154: 851, 1985 peritrigonal echogenic "blush" on cranial sonography: pathologic correlates, DiPietro MA; Brody BA; Teele RL, (AJNR), 7: 205, 1985.
- periventricular infarction diagnosed by ultrasound: a postmortem correlation, Nwaesei CG; Pape KE; Martin DJ; et al. (Radiology), **154**: 851, 1985
- periventricular, intraventricular hemorrhages in the premature newborn. update on pathologic features, pathogenesis, and possible means of prevention, Goddard-Finegold J, (Radiology), 155: 853, 1985
- periventricular leukomalacia in the pre-term newborn infant: sonographic and clinical features, Bowerman RA; Donn SM; DiPietro MA; D'Amato CJ; Hicks SP, (Radiology), 151: 383, 1984
- physiology of sucking in the normal term infant using real-time US, Smith WL; Erenberg A; Nowak A; Franken EA Jr, (Radiology), **156**: 379, 1985
- prevalence of "compressed" and asymmetric lateral ventricles in healthy full-term neonates: sonographic study, Winchester P; Brill PW; Cooper R; et al, (AJNR), 7: 149,
- real-time ultrasonographic surveillance in the detection of CNS involvement in systemic Candida infection, Bozynski ME; Naglie RA; Russell EJ, (Pediatr Radiol), 16: 235, 1986

- real-time ultrasonography of the posterior fossa, Grant EG; Schellinger D; Richardson JD, (Radiology), 150: 289, 1984
- schizencephaly: rare cerebral malformation demonstrated by sonography, DiPietro MA; Brody BA; Kuban K; et al, (AJNR), 5: 196, 1984
- serial lumbar punctures in prevention of post-hemorrhagic hydrocephalus in preterm infants, Anwar M; Kadam S; Hiatt IM; et al, (Radiology), 158: 862, 1986
- sonographic diagnosis of subarachnoid hemorrhage in premature newborn infants: a retrospective study with histopathologic and CT correlation, Ennis MG; Kaude JV; Williams JL, (J Ultrasound Med), 4: 183, 1985
- sonographic diagnosis of subarachnoid hemorrhage in premature newborn infants: retrospective study with histopathologic and CT correlation, Ennis MG; Kaude JV; Williams JL, (Radiology), 157: 569, 1985
- sonographic evaluation of cerebral cortical mantle thickness in the fetus and neonate with hydrocephalus, Callen PW; Hashimoto BE; Newton TH, (J Ultrasound Med), 5: 251, 1986
- sonography of neonatal periventricular leukomalacia: recent experience with a 7.5-MHz scanner, Grant EG; Schellinger D, (AINR), 6: 781, 1985
- (A)NN, 61, 793 specular reflection arising from the ventricular wall: potential pitfall in the diagnosis of germinal matrix hemorrhage, Siedler DE; Mahony BS; Hoddick WK; et al, (J Ultrasound Med), 4: 109, 1985
- structure and evolution of echo-dense lesions in the neonatal brain: combined ultrasound and necropsy study, Rushton DI; Preston PR; Durbin GM, (Radiology), 160: 287, 1986
- subependymal cysts in normal neonates, Shen E-Y; Huang F-Y, (Radiology), **160**: 288, 1986
- tall vertebrae at birth: radiographic finding in flaccid infants, Donaldson JS; Gilsanz V; Gonzalez G; et al, (AJR), **145**: 1293, 1985
- temporal evolution of hypoxic-ischaemic brain lesions in asphyxiated full-term newborns as assessed by computerized tomography, Lipp-Zwahlen AE; Deonna T; Chrzanowski R; et al, (Radiology), **158**: 862,
- timing and course of neonatal intracranial hemorrhage using real-time ultrasound, Rumack CM; Manco-Johnson ML; Manco-Johnson MJ; Koops BL; Hathaway WE; Appareti K, (Radiology), **154**: 101, 1985
- transfontanellar ultrasound of term infants, Hayward C, (Radiology), 155: 549, 1985
- ultrasound and necropsy study of periventricular hemorrhage in preterm infants, Szymonowicz W; Schafler K; Cussen LJ et al, (Radiology), 154: 852, 1985
- ultrasound appearance of the brain in very preterm infants and neurodevelopmental outcome at 18 months of age, Stewart AL; Thorburn RJ; Hope PL; et al, (Radiology), 151,821,1004 151: 821, 1984
- ultrasound brain scanning in the newborn, Chiswick ML, (Radiology), **155**: 276, 1985
- ultrasound identification of lateral ventricular asymmetry in the human neonate, Horbar JD; Leahy KA; Lucey JF, (Radiology), 151: 262, 1984
- ultrasound in the diagnosis of systemic candidiasis (renal and cranial) in very low birth weight premature infants, Kirpekar M; Abiri MN; Hilfer C; et al, (Pediatr Radiol), 16: 17, 1986
- ultrasound of the neonatal craniocervical junction, Cramer BC; Jequier S; O'Gorman AM, (AJNR), 7: 449, 1986
- unilateral germinal matrix hemorrhage in the newborn, Donn SM; Bowerman RA, (J Ultrasound Med), 4: 251, 1985
- ventricular size in newborn infants, Perry RNW; Bowman ED; Murton LJ; et al, (J Ultrasound Med), 4: 475, 1985

#### Infants, newborn, endocrine glands

- adrenal abscess in the neonate, Atkinson GO Jr; Kodroff MB; Gay BB Jr; Ricketts RR, (Radiology), **155**: 101, 1985
- technetium 99m pertechnetate thyroid scintigraphy: congenital hypothyroid screening, Wells RG; Sty JR; Duck SC, (Pediatr Radiol), 16: 368, 1986

# Infants, newborn, eye

pediatric case of the day, Bisset GS; Towbin RB, (Radiographics), 6: 731, 1986

# Infants, newborn, gastrointestinal tract

- aortic arch in neonates with esophageal atresia: preoperative assessment using CT, Day DL, (Radiology), 155: 99, 1985
- applications of ultrasound in the neonatal abdomen, Shkolnik A, (Radiol Clin North Am), 23: 141, 1985
- bowel perforation in the newborn: diagnosis with metrizamide, Cohen MD; Weber TR; Grosfeld JL, (Radiology), **150**: 65, 1984
- case report: ion-exchange resin bezoar in a neonate, Berman L; Briggs R; Thomas RM, (Clin Radiol), 37: 297, 1986
- diagnostic value of ultrasonography in neonatal liver rupture, Zorzi C; Perale R; Benini F; et al, (Pediatr Radiol), 16: 425, 1986
- enterocyst formation: late complication of neonatal necrotizing enterocolitis, Ball TI; Wyly JB, (AJR), 147: 806, 1986
- gastrointestinal complications of gastroschisis, Blane CE; Wesley JR; DiPietro MA; et al, (AJR), 144: 589, 1985
- Hirschprung's disease in the newborn, Klein MD; Coran AG; Wesley JR; et al, (Radiolegy), **155**: 855, 1985
- human milk lactobezoars, Yoss BS, (Radiology), 156: 276, 1985
- hydrothorax, ascites, and right diaphragmatic hernia, Gilsanz V; Emons D; Hansmann M; Meradji M; Donaldson JS; Omenaca F; Quero J; Tucker BL, (Radiology), **158**: 243, 1986
- hypertrophic pyloric stenosis: diagnosis using US, Haller JO; Cohen HL, (Radiology), 161: 335, 1986
- inspissated bile in a neonate with cystic fibrosis, Davies CH; Daneman A; Stringer DA, (J Ultrasound Med), 5: 335,
- intestinal perforations by tube feedings in small infants: clinical and experimental studies, McAlister WH; Siegel MJ; Shackelford GD; et al, (AJR), 145: 687, 1985
- left ventricular outflow obstruction and necrotizing enterocolitis, Allen HA; Haney PJ, (Radiology), 150: 401, 1984
- hypoperistalsis syndrome: case report and review of the literature, Redman JF; Jimenez JF; Golladay ES; et al. (Radiology), 154: 562, 1985
- microcolon of prematurity: form of functional obstruction, Amodio JB; Berdon WE; Abramson SJ; et al, (AJR), 146: 239, 1986
- neonatal intestinal obstruction from omphalomesenteric duct remnants, Gaisie G; Curnes JT; Scatliff JH; et al, (AJR), 144: 109,
- neonatal intestinal pseudoobstruction, Bagwell CF, (Radiology), 157: 852, 1985
- persistent loop sign in neonatal necrotizing enterocolitis: new cause, Weinstein MM, (Pediatr Radiol), 16: 71, 1986
- prenatal and postnatal sonographic delineation of gastrointestinal abnormalities in a case of the VATER syndrome, Claiborne AK, Blocker SH, Martin CM; et al, (J Ultrasound Med), 5: 45, 1986
- role of ultrasonography in the evaluation of vomiting in infants, Blumhagen JD, (Pediatr Radiol), **16**: 267, 1986
- segmental dilatation of the ileum, Brown A; Carty H, (Radiology), 154: 275, 1985
- sonographic demonstration of malabsorption in neonates, A vni EF; Van Gansbeke D; Rodesch P; et al, (J Ultrasound Med), 5: 85,
- sonographic features of bile plug syndrom Pfeiffer WR; Robinson LH; Balsara VJ, (J Ultrasound Med), 5: 161, 1986
- sonography of intestinal lymphangiectasia, Dorne HL; Jequier S, (J Ultrasound Med), 5:
- spontaneous rupture of the esophagus in the newborn, Dubos JP; Bouchez MC; Kacet N; et al, (Pediatr Radiol), **16:** 317, 1986

# Infants, newborn, genitourinary system

bilateral nephromegaly in the neonate. value of ultrasonography, Sebag A; Garel L; Pariente D; et al, (Radiology), **156**: 275, 1985

- hydrometrocolpos in neonate due to distal vaginal atresia, Nguyen L; Youssef S; Guttman FM; et al, (Radiology), **155**: 857,
- multicystic dysplastic kidneys: spontaneous regression demonstrated with US, Pedicelli G; Jequier S; Bowen A; Boisvert J, (Radiology), **161**: 23, 1986
- neonatal aortoiliac compression caused by a distended bladder, Kushner DC; Chin JK; Cleveland RH; et al, (AJR), 146: 1273, 1986
- neonatal renal candidiasis: sonographic diagnosis, Kintanar C; Cramer BC; Reid WD; et al, (AJR), **147**: 801, 1986
- neonatal urinary ascites, Morrell P; Coulthard MG; Hey EN, (Radiology), **160**: 288, 1986
- neonatal uterine morphology as seen on real-time US, Nussbaum AR; Sanders RC; Jones MD, (Radiology), **160**: 641, 1986
- nephrolithiasis in premature infants, Gilsanz V; Fernal W; Reid BS; Stanley P; Ramos A, (Radiology), **154**: 107, 1985
- non-functioning kidney associated with neonatal adrenal hemorrhage: report of 2 cases, Starinsky R; Manor A; Segal M, (Pediatr Radiol), 16: 427, 1986
- pelvic kidney in cloacal exstrophy, Herman TE; Cleveland RH; Kushner DC, (Pediatr Radiol), **16**: 306, 1986
- percutaneous studies of the upper urinary tract in children, with special emphasis on infants, Riedy MJ; Lebowitz RL, (Radiology), 160: 231, 1986
- postpartum evaluation of fetal ostparrum evatuation of retai hydronephrosis: optimal timing for follow-up sonography, Laing FC; Burke VD; Wing VW; Jeffrey RB Jr; Hashimoto B, (Radiology), 152: 423, 1984
- prenatal and immediate postnatal ultrasonographic diagnosis of ureterocele, Fitzsimons PJ; Frost RA; Millward SF; et al, (J Canad Assoc Radiol), 37: 189, 1986
- rapidly expanding mass in a neonate, Kremer SM; Rosenberg HK; Sherman NH; et al, (JCU), **14**: 569, 1986
- renal fungus balls: diagnosis by ultrasound and percutaneous antegrade pyelography and brush biopsy in a premature infant, Schmitt GH; Hsu AS, () Ultrasound Med), 4:
- renal masses in the fetus and neonate ultrasonographic diagnosis, Barth RA; Mindell HJ, (Semin US CT MR), 5: 3, 1984
- sonographic appearance of cytomegalovirus nephritis in a neonate, Cramer BC; Jequier S; Chen MF, (Radiology), **156**: 275, 1985
- sonographic assessment of neonatal renal parameters, Erwin BC; Carroll BA; Muller H, (J Ultrasound Med), 4: 217, 1985
- sonographic diagnosis of furosemide-induced nephrocalcinosis in newborn infants, Pearse DM; Kaude JV; Williams JL; et al, (J Ultrasound Med), 3: 553, 1984
- suprarenal stress; in the neonate: technetium-99m glucoheptonate imaging, Wells RG; Sty JR; Hodgson NB, (Clin Nucl Med), 11: 32, 1986
- suprarenal haematoma versus neuroblastoma complicated by haemorrhage: diagnostic dilemma in the newborn, Eklof O; Mortensson W; Sandstedt B, (Acta Radiol [Diagn]), 27: 3, 1986
- transected urachus: an unusual cause of neonatal ascites, Hepworth RC; Milstein JM, (Radiology), **154**: 276, 1985

# Infants, newborn, MR studies

monitoring of the neonate undergoing MR imaging: technical considerations: work in progress, McArdle CB; Nicholas DA; Richardson CJ; Amparo EG, (Radiology), 150, 222, 1996 159: 223, 1986

# Infants, newborn, respiratory system

- acquired tracheomegaly in very preterm neonates, Bhutani VK; Ritchie WG; Shaffer TH, (Radiology), **161**: 864, 1986
- bronchial compression by a patent ductus arteriosus associated with pulmonary atresia, Markowitz RJ; Fahey JT; Hellenbrand WE; et al, (AJR), 144: 535, 1985
- chest radiographic findings in neonates on extracorporeal membrane oxygenation, Hall JA Jr; Hartenberg MA; Kodroff MB, (Radiology), **157**: 75, 1985

- congenital bronchobiliary fistula, Chang CCN; Giulian BB, (Radiology), **156**: 82, 1985
- Giulian BB, (Radiology), 156: 82, 1985 congenital laryngeal saccular cyst of the newborn, Abramson AL; Zielenski B, (Radiology), 157: 572, 1985 cranial sonography of the infant treated with extracorporeal membrane oxygenation, Bowerman RA; Zwischenberger JB; Andrews AF; et al. (AJNR), 6: 377, 1985 cross-table lateral view in neonatal
- pneumothorax, Hoffer FA; Ablow RC, (AJR), 142: 1283, 1984
- cystic adenomatoid malformation: antenatal demonstration, Johnson JA; Rumack CM; Johnson ML; et al, (AJR), 142: 483, 1984
- extracorporeal membrane oxygenation: radiographic appearance of the neonatal chest, Taylor GA; Short BL; Kriesmer P, (AJR), 146: 1257, 1986
- high resolution computed tomography in neonatal nasopharyngeal teratoma, Howell CG; Van Tassel P; El Gammal T, (JCAT), 8: 1179, 1984
- lateral decubitus position as therapy for persistent focal pulmonary interstitial emphysema in neonates. a preliminary report, Cohen RS; Smith DW; Stevenson DK; et al, (Radiology), 153: 850,
- localized pulmonary lymphangiectasia, Li Y-W; Snow J; Smith WL; et al, (AJR), 145: 269,
- transplacental hyponatraemia and risk of transplacental hyponatraemia and risk of transient neonatal tachypnoea in term infants, Singhi SC; Chookang E, (Radiology), 156: 860, 1985
- Chinwuba C; Wallman J; Strand R, (Radiology), 159: 503, 1986
- (Radiology), 199; 503, 1996
  neonatal aspiration syndrome due to vernix
  caseosa, Ohlsson A; Cumming WA; Najjar H,
  (Radiology), 156; 566, 1985
  neonatal herpes simplex pneumonia:
  radiographic findings, Dominguez R;
  Rivero H; Gaisie G; Talmachoff P;
  Amortegui A; Young LW, (Radiology), 153:
  395, 1984
- neonatal high-frequency jet ventilation, Pokora T; Bing D; Mammel M; et al, (Radiology), **152**: 254, 1984
- (Natiology), 1622-234, 192
- newly recognized profile in neonatal lung disease with maternal diabetes, Duara S; Spackman TJ; Boutwell WC; et al, (AJR), 144: 529, 1985
- persistent pulmonary abnormalities in newborns: changing picture of bronchopulmonary dysplasia, Heneghan MA; Sosulski R; Baquero JM, (Pediatr Radiol), 16: 180, 1986
- preoperative x-ray scoring system for risk assessment of newborns with congenital diaphragmatic hernia, Touloukian RJ; Markowitz RI, (Radiology), 154: 561, 1985
- primary (isolated) bilateral pulmonary hypoplasia: a comparative study of radiologic findings and autopsy results, Langer R; Kaufmann HJ, (Pediatr Radiol), 16: 175, 1986
- radiographic findings of pulmonary coccidioidomycosis in neonates and infants, Child DD; Newell JD; Bjelland JC; et al, (AJR), 145: 261, 1985
- respiratory distress syndrome treated with human surfactant: radiographic findings, Edwards DK; Hilton SvW; Merritt TA; Hallman M; Mannino F; Boynton BR, (Radiology), 157: 329, 1985
- retrocardiac pneumomediastinum in association with tracheal and esophageal perforations, Amodio JB; Berdon WE; Abramson SJ; et al, (Pediatr Radiol), 16: 380,
- spontaneous chylothorax in newborns, Van Aerde J; Campbell AN; Smyth JA; et al, (Radiology), **156**: 858, 1985
- unusual tracheal foreign body in a neonate, Horimoto Y; Kasuya T; Yoshizawa M; et al, (Pediatr Radiol), **16**: 420, 1986

# Infants, newborn, skeletal system

acquired bone dysplasia secondary to catheter-related complications in the neonate, Seibert JJ; McCarthy RE; Alexander JE; et al, (Pediatr Radiol), **16**: 43, 1986

- epiphyseal separation simulating pyarthrosis, secondary to copper deficiency, in an infant receiving total parenteral nutrition, Levy J; Berdon WE; Abramson SJ, (Radiology), 154: 853, 1985
- infantile-onset multisystem inflammatory disease: radiologic findings, Kaufman RA; Lovell DJ, (Radiology), **160**: 741, 1986
- metabolic bone disease in preterm infants, Brooke OG; Lucas A, (Radiology), 160: 288,
- neonatal osteomyelitis examined by bone scintigraphy, Bressler EL; Conway JJ; Weiss SC, (Radiology), **152**: 685, 1984
- neonatal skull depression unassociated with birth trauma, Eisenberg D; Kirchner SG; Perrin EC, (AJR), **143**: 1063, 1984
- osteomalacia of very-low-birth-weight infants, Roberts WA; Badger VM, (Radiology), **155**: 552, 1985
- periostitis in an infant with cytomegalovirus infection acquired after birth, Pearl KN; Dearlove J; Chin KS, (Radiology), **154**: 853,
- prenatal and post-natal persistent overriding cranial sutures, Cavaluzzi JA; Oh KS; Goldman SM, (Radiology), 157: 569, 1985
- proximal femoral epiphysiolysis in the neonate, Ogden JA; Lee KE; Rudicel SA; et al, (Radiology), 154: 276, 1985
- radiology of fracture-dislocation of the cervical spine during delivery, Stanley P; Duncan AW; Isaacson J; et al, (AJR), 145: 621,
- report of a new case of neonatal cortical hyperostosis. histological and ultrastructural study, Beluffi G; Chirico G;
- Colombo A; et al, (Radiology), 153: 567, 1984 scapuloiliac dysostosis, Blane CE; Holt JF; Vine AK, (Radiology), **154**: 562, 1985
- sonographic delineation of the neonatal acetabular labrum, Keller MS; Chawla HS, (J Ultrasound Med), 4: 501, 1985
- widening of cranial sutures after long-term prostaglandin E<sub>2</sub> therapy in two newborn infants, Hoevels-Guerich H; Haferkorn L; Persigehl M; et al, (Radiology), **154**: 851,

# Infants, newborn, US studies

- hypertrophic pyloric stenosis: diagnosis using US, Haller JO; Cohen HL, (Radiology), 161: 335, 1986
- multicystic dysplastic kidneys: spontaneous regression demonstrated with US, Pedicelli G; Jequier S; Bowen A; Boisvert J, (Radiology), 161: 23, 1986
- septal veins: normal finding on neonatal cranial sonography, Goldstein RB; Filly RA; Toi A, (Radiology), 161: 623, 1986
- sonographic delineation of the neonatal acetabular labrum, Keller MS; Chawla HS, (J Ultrasound Med), 4: 501, 1985

#### Infants, premature

#### See Infants, newborn

### Infants, respiratory system

- apnea associated with regurgitation in infants, Menon AP; Schefft GL; Thach BT, (Radiology), 157: 281, 1985
- chlamydia trachomatis as a cause of pneumonitis and pleural effusion, Stutman HR; Rettig PJ; Reyes S, (Radiology), 154: 274, 1985
- comparison of AP supine vs PA upright methods of chest roentgenography in infants and young children, Gaisie G; Dominguez R; Young LW, (Radiology), 153: 568, 1984
- complementary roles of ultrasound and plain film radiography in differentiating pediatric chest abnormalities, Rosenberg HK, (Radiographics), 6: 427, 1986
- congenital vascular anomalies causing tracheoesophageal compression, Smith RJH; Smith MCF; Glossop LP; et al, (Radiology), 153: 568, 1984
- course of bronchopulmonary dysplasia: radiographic follow-up, Mortensson W; Lindroth M, (Acta Radiol [Diagn]), 27: 19,
- fatal desquamative interstitial pneumonia in three infants siblings, Tal A; Maor E; Bar-Ziv J; et al, (Radiology), 154: 561, 1985
- infra-diaphragmatic total anomalous pulmonary venous drainage presenting with rectal bleeding, Elias-Jones AC; Cordner SV, (Radiology), **151**: 822, 1984

management of persistent pneumothorax: an innovative approach, Mathew OP; Bhatia J, (Radiology), **151**: 822, 1984

nasopharyngeal brain heterotopis—a cause of upper airway obstruction in infancy, Seibert RW; Seibert JJ; Jimenez JF; et al, (Radiology), 155: 276, 1985

(Nationgy), 183-276, 193-276, 193-276, 194-28, 2014 patent ductor arteriosus in neonates with severe respiratory disease, Dudell GG; Gersony WM, (Radiology), 184-561, 1985 primary pulmonary tuberculosis in infancy: resurgent disease in the urban United States, Amodio JB; Abramson SJ; Berdon WE, (Pediatr Radiol), 16: 185, 1986

pulmonary interstitial emphysema in very low birthweight infants, Hart SM; McNair M; Gamsu HR; et al, (Radiology), 151: 822, 1984

pulmonary sequestration of the upper lobe in children, Hoeffel J-C; Bernard C, (Radiology), **160**: 513, 1986

radiographic findings in neonatal pneumonia, Haney PJ; Bohlman ME; Sun C-CJ, (AJR), 143: 23, 1984

radiographic plain film and CT findings in lipoid pneumonia in infants following aspiration of mineral oil used in the treatment of partial small bowel obstruction by ascaris lumbricoides, de Oliveira A; Del Caro SR; Lamego CMB; et al, (Radiology), 156: 566, 1985

upper airway obstruction in children: an update, Macpherson RI; Leithiser RE, (Radiographics), 5: 339, 1985

#### Infants, skeletal system

apnea and sudden unexpected death in infants with achondroplasia, Pauli RM; Scott CI; Wassman ER Jr; et al, (Radiology), **153**: 849,

apnea as the sole manifestation of cord compression in achondroplasia, Fremion AS; Garg BP; Kalsbeck J, (Radiology), 153: 849, 1984

avulsion of the spinous processes caused by infant abuse, Kleinman PK; Zito JL, (Radiology), **151**: 389, 1984

chronic multifocal symmetrical osteomyelitis. report of two cases in Bedouin infants Meller Y; Yagupsky P; Elitsur Y; et al, (Radiology), **154**: 276, 1985

congenital posteromedial bowing of the tibia and the fibula, Pappas AM, (Radiology), 155: 552, 1985

congenital sensory neuropathy with skeletal dysplasia, Axelrod FB; Pearson J; Tepperberg J; et al, (Radiology), **151:** 547, 1984

cortical hyperostosis caused by longterm prostaglandin E<sub>2</sub> therapy, Benz-Bohm G; Emons D; Schickendantz S; et al, (Radiology), **153**: 275, 1984

familial infantile cortical hyperostosis in a large Canadian family, Maclachlan AK; Gerrard JW; Houston CS; et al, (Radiology), 154: 276, 1985

femoral hypoplasia. unusual facies syndrome in infants with diabetic mothers, Johnson JP; Carey JC; Gooch WM III; et al, (Radiology), **150**: 860, 1984

holoprosencephaly in infants of diabetic mothers, Barr M Jr; Hanson JW; Currey K; et al, (Radiology), **150**: 289, 1984

iatrogenic exostosis in a patient treated for osteomyelitis, Van Winkle GN; Mazur JM, (Radiology), **152**: 555, 1984

infantile-onset multisystem inflammatory disease: radiologic findings, Kaufman RA; Lovell DJ, (Radiology), **160**: 741, 1986

isolated asternia: an independent entity, Haque KN, (Radiology), 153: 275, 1984

left-right temporal region asymmetry in infants and children, Seidenwurm D; Bird CR; Enzmann DR; et al, (AJNR), 6: 777,

metaphyseal lesion in abused infants: radiologic-histopathologic study, Kleinman PK; Marks SC; Blackbourne B, (AJR), 146: 895, 1986

multisynostotic osteodysgenesis, Herva R; Seppanen U, (Radiology), 156: 276, 1985

ossification center of the infant hip: sonographic and radiographic correlation, Harcke HT; Lee MS; Sinning L; et al, (AJR), 147: 317, 1986

osteofibrous dysplasia (ossifying fibroma of long bones). a study of 12 cases, Nakashima Y; Yamamuro T; Fujiwara Y; et al, (Radiology), 151: 263, 1984 periosteal changes secondary to prostaglandin administration, Ringel RE; Haney PJ; Brenner JI; et al, (Radiology), **151**: 823, 1984

periosteal new bone formation complicating juvenile polyarteritis nodosa, Short DJ; Webley M, (Radiology), **154**: 277, 1985

radiology of postnatal skeletal development: XI the first cervical vertebra, Ogden JA, (Radiology), **154**: 854, 1985

real-time sonography of infant hip dislocation, Keller MS; Chawla HS; Weiss AA, (Radiographics), 6: 447, 1986

roentgenologic features of the Meckel syndrome, Seppanen U; Herva R, (Radiology), **151**: 547, 1984

dislocation of the hip joint on the maternity wards in Sweden, Hansson G; Nachemson A; Palmen K, (Radiology), 151: 264, 1984

secondary hyperparathyroidism and bone disease in infants receiving long-term furosemide therapy, Venkataraman PS; Han BK; Tsang RC; et al, (Radiology), 153: 774-109.

trauma to the bones of small infants from passive exercise: a factor in the etiology of child abuse, Helfer RE; Scheurer SL; Alexander R; et al, (Radiology), **152**: 852,

use of computed tomography in congenital dislocation of the hip, Helms CA; Goodman PC; Jeffrey RB Jr, (Radiology), 152: 555, 1984

# Infertility

See Sterility

#### Inflammation, radionuclide studies

effect of chronicity of infection on the sensitivity of the In-111-labeled leukocyte scan, Datz FL; Thorne DA, (AJR), 147: 809,

imaging of inflammatory processes with labeled cells, Froelich JW; Swanson D, (Semin Nucl Med), 14: 128, 1984

#### Informed consent

informed consent for intravenous contrastenhanced radiography: a national survey of practice and opinion, Spring DB; Akin JR; Margulis AR, (Radiology), **152**: 609, 1984

radiologists and informed-consent lawsuits, Spring DB; Tennenhouse DJ; Akin JR; Margulis AR, (Radiology), **156**: 245, 1985

response of patients to informed consent for excretory urography, Winfield AC; Ford CV; James AE Jr; et al, (Urol Radiol), 8: 35, 1986

See Pancreas, neoplasms

#### International Commission on Radiological Protection (ICRP)

low-attenuation materials and rare-earth screens in radiodiagnosis, (Br J Radiol), (Br J Radiol), **59**: 745, 1986

statement from the 1984 Stockholm meeting of the International Commission on Radiological Protection, Sowby FD, (Radiology), **154**: 216, 1985

statement from the 1985 Paris meeting of the International Commission on Radiological Protection, (Radiology), (Radiology), 156: 816, 1985

### Intervertebral disks

See Spine, intervertebral disks

### Intestinal neoplasms

adenocarcinoma of small bowel in a 12-year-old girl, Tankel JW; Galasko CSB, (Radiology), **155**: 277, 1985

carcinoma of the small intestine and colon as a complication of Crohn disease: radiologic manifestations, Kerber GW; Frank PH, (Radiology), 150: 639, 1984

detection of surgical lesions of the small bowel by enteroclysis, Maglinte DDT; Hall R; Miller RE; et al, (Radiology), 153: 268, 1984

digital ischemia associated with small bowel malignancy, Wytock DH; Bartholomew LG; Sheps SG, (Radiology), 151: 259, 1984

hypertrophic osteoarthropathy and primary intestinal lymphoma, Bloom RA; Assaf Y; Verstandig A; et al, (Gastrointest Radiol), 11:

inflammatory polyposis in an ileal blind loop, Weofel GF; Campbell DN; Penn I; et al, (Radiology), **151**: 259, 1984

inflammatory pseudotumor of the mesentery and small intestine, Day DL; Sane S; Dehner LP, (Pediatr Radiol), **16**: 210, 1986

radiography of the small bowel in patients with gynecologic malignancies, Yuhasz M; Laufer I; Sutton G; et al, (AJR), 144: 303, 1985

small-bowel lymphoma and regional enteritis: radiographic similarities, Sartoris DJ; Harell GS; Anderson MF; Zboralske FF, (Radiology), 152: 291, 1984

sonographic diagnosis of malignant carcinoid of the small intestine, Swobodnik W; Wechsler JG; Ditschuneit H, (Radiology), 150: 298, 1984

surgical therapy for small-bowel carcinoid tumors, Strodel WE; Talpos G; Eckhauser F; et al, (Radiology), **150**: 288,

ultrasound scanning of the gastrointestinal tract in children: subject review, Miller JH; Kemberling CR, (Radiology), **152:** 671, 1984

#### Intestinal neoplasms, CT

local recurrence after sphincter-saving resection for rectal and rectosigmoid carcinoma: value of various diagnostic methods, Grabbe E; Winkler R, (Radiology), 155: 305, 1985

Intestinal neoplasms, diagnosis

detailed per-oral small bowel examination vs. enteroclysis. part I: expenditures and radiation exposure; part II: radiographic accuracy. Ott DJ; Chen YM; Gelfand DW; Van Swearingen F; Munitz HA, (Radiology), 155: 29, 1985

development of lymphoma in patients with Crohn disease, Glick SN; Teplick SK; Goodman LR; Clearfield HR; Shanser JD, (Radiology), 153: 337, 1984

differential diagnosis of the bowler hat sign, Simms SM, (AJR), 144: 585, 1985

Intestinal neoplasms, radionuclide studies scintigraphic demonstration of mesenteric metastasis invading small bowel, Habibian MR; Hinton AA, (Clin Nucl Med),

Intestinal neoplasms, therapeutic radiology

cell proliferation and differentiation in the small intestine after irradiation with multiple fractions, Becciolini A; Cremonini D; Fabbrica D; et al, (Acta Radiol [Oncol]), 25: 51, 1986

# Intestines

See also Appendix; Colon; Duodenum; Gastrointestinal tract; Intestinal neoplasms; Rectum

Pringot J; Goncette L; Ponette E; Boverie J; Navez J-P; Anslot P; Mahieu P; Bodart P, (Radiographics), 4: 357, 1984

# Intestines, abnormalities

reversed intestinal rotation, DePrima SJ; Hardy DC; Brant WE, (Radiology), 157: 603, 1985

# Intestines, angiography

angiodyplasia. clinical presentation and colonoscopic diagnosis, Richter JM; Hedberg SE; Athanasoulis CA; et al, (Radiology), **154**: 555, 1985

# Intestines, biopsy

fine-needle aspiration biopsy of bowel lesions under ultrasound guidance: indications and results, Sobbait L; Montali G; Croce F; et al, (Gastrointest Radiol), 11: 172, 1986

# Intestines, CT

computed tomographic findings in bowel infarction, Federle MP; Chun G; Jeffrey RB Jr; et al, (AJR), **142:** 91, 1984

computed tomography of neutropenic colitis, Frick MP; Maile CW; Crass JR; et al, (AJR), 143: 763, 1984

CT appearance of giant sigmoid diverticulum, Siskind BN; Burrell MI; Richter JO; et al, (JCAT), **10**: 543, 1986

CT demonstration of an unusual enteric duplication cyst, Kelly RB; Mahoney PD; Johnson JF, (JCAT), 10: 506, 1986

CT detection of typhlitis, Adams GW; Rauch RF; Kelvin FM; et al, (JCAT), 9: 363,

CT diagnosis of closed loop obstruction, Balthazar EJ; Bauman JS; Megibow AJ, (JCAT), 9: 953, 1985

CT-guided percutaneous bowel loopogram, Hoddick WK; Demas BE; Moss AA, (AJR),

- CT recognition of intestinal lipomatosis, Ormson MJ; Stephens DH; Carlson HC, (AJR), 144: 313, 1985
- oral contrast agents in CT of the abdomen, Garrett PR; Meshkov SL; Perlmutter GS, (Radiology), **153**: 545, 1984
- whirl sign: CT finding in volvulus of the large bowel, Shaff MI; Himmelfarb E; Sacks GA; et al, (JCAT), 9: 410, 1985

#### Intestines, cysts

- CT demonstration of an unusual enteric duplication cyst, Kelly RB; Mahoney PD; Johnson JF, (JCAT), 10: 506, 1986
- enterocyst formation: late complication of neonatal necrotizing enterocolitis, Ball TI; Wyly JB, (AJR), 147: 806, 1986
- pneumatosis intestinalis in a patient with polyarteritis nodosa, Buffo GC; Deitch JS, (Gastrointest Radiol), 11: 286, 1986
- pneumatosis intestinalis in cystic fibrosis Hernanz-Schulman M; Kirkpatrick J Jr; Shwachman H; Herman T; Schulman G; Vawter GF, (Radiology), **160**: 497, 1986
- thoracic and abdominal enteric duplications, Smith VC; Gomez ER; Ratner IA, (Radiology), **154**: 275, 1985

#### Intestines, dilatation

segmental dilatation of the ileum, Brown A; Carty H, (Radiology), 154: 275, 1985

#### Intestines, diseases

- aphthoid ulcers in Crohn disease: radiographic course and relationship to bowel appearance, Ni X-Y; Goldberg HI, (Radiology), 158: 589, 1986
- carcinoma of the small intestine and colon as a complication of Crohn disease: radiologic manifestations, Kerber GW; Frank PH, (Radiology), 150: 639, 1984
- (Radiology), 150: 607, 150: Crohn disease in the elderly, Feczko PJ; Barbour J; Halpert RD; Ackerman LV, (Radiology), 157: 303, 1985
- Crohn disease of the esophagus, Tishler JM; Helman CA, (Radiology), 153: 560, 1984 Crohn disease of the small intestine: diffuse
- mucosal granularity, Glick SN; Teplick SK, (Radiology), 154: 313, 1985 Crohn's disease of the oesophagus, Freson M; Kottler RE; Wright JP, (Radiology), 155: 849,
- Crohn's disease. sonography as a guideline to therapy, Meiser J; Meissner K; Pichler W, (Radiology), **157**: 862, 1985
- development of lymphoma in patients with Crohn disease, Glick SN; Teplick SK; Goodman LR; Clearfield HR; Shanser JD, (Radiology), 153: 337, 1984
- diffuse lymphoid follicles of the colon associated with colonic carcinoma, Bronen RA; Glick SN; Teplick SK, (AJR), 142: 105, 1984
- diversion colitis demonstrated by doublecontrast barium enema, Scott RL; Pinstein ML, (AJR), 143: 767, 1984
- epidural gas: an unusual complication of Crohn disease, Burke VD; Mall JC, (AJNR), 5: 105, 1984
- evaluation of the double contrast small bowel enema in Crohn's disease of the small intestine, Jones MW, (Radiology), **154**: 554,
- exaggerated response of thyrotropin to thyrotropin-releasing hormone in patients resected for Crohn's ileitis, Simi M; Levenstein S; Giri S; et al, (Radiology), **156**: 562, 1985
- experience with small bowel double-contrast examinations, Salomonowitz E; Wittich G; Czembirek H, (Radiology), 150: 855, 1984
- fecal fistula following appendectomy in Crohn's disease, Childress MH, (Radiology), 152: 841, 1984
- gastric and duodenal fistulas in Crohn's disease, Jacobson IM; Schapiro RH; Warshaw AL, (Radiology), **160**: 284, 1986
- Hermansky-Pudlak syndrome: radiographic Garay SM; et al, (J Canad Assoc Radiol), 37: 42, 1986
- idiopathic chronic ulcerative enteritis: report of two cases, Zapolsky JH; Janower ML, (Radiology), **155**: 39, 1985
- intestinal giardiasis: importance of serial filming, Brandon J; Glick SN; Teplick SK, (AJR), 144: 581, 1985
- irritable bowel syndrome: is a barium enema necessary?, Treacher DF; Chapman JR; Nolan DJ; et al, (Clin Radiol), 37: 87, 1986

- jejunal fold separation in adult celiac disease: relevance of enteroclysis, Herlinger H; Maglinte DDT, (Radiology), 158: 605, 1986
- morbidity and mortality of short-bowel syndrome acquired in infancy: an update, Cooper A, (Radiology), **157:** 852, 1985
- nonspecific involvement of bowel adjoining Crohn disease, Herlinger H; O'Riordan D; Saul S; Levine MS, (Radiology), **159**: **47**, 1986
- percutaneous drainage of iliopsoas abscess in Crohn's disease, Millward SF; Ramsewak W; Fitzsimons P; et al, (Gastrointest Radiol), 11: 289 1986
- perspective: small bowel examination in the diagnosis of Crohn's disease, Carlson HC, (AJR), 147: 63, 1986
- possible role of mycobacteria in inflammatory ossible role of mycobacteria in inflammatory bowel disease. I. an unclassified mycobacterium species isolated from patients with Crohn's disease, Chiodini RJ; Van Kruiningen HJ; Yer WR; et al, (Radiology), 156: 265, 1985
- possible role of mycobacteria in inflammatory bowel disease. II. mycobacterial antibodies in Crohn's disease, Thayer WR; Coutu JA; Chiodini RJ; et al, (Radiology), 156: 265,
- primary intestinal lymphangiectasia: clinical and CT findings, Fakhri A; Fishman EK; Jones B; et al, (JCAT), 9: 767, 1985
- protein-losing enteropathy after Fontan operation, Hess J; Kruizinga K; Bijleveld CMA; et al, (Radiology), **156**: 263,
- real-time ultrasound in Crohn's disease: characteristic features and clinical implications, Dinkel E; Dittrich M Peters H; et al, (Pediatr Radiol), 16: 8, 1986
- risk factors for postoperative recurrence of Crohn disease, Sachar DB; Wolfson DM; Greenstein AJ; et al, (Radiology), 153: 561, 1984
- small bowel xanthomatosis: radiologic-pathologic correlation, Pope TL Jr; Shaffer H, (AJR), **144**: 1215, 1985
- sonographic detection of postsurgical recurrence of Crohn disease, DiCandio G; Mosca F; Campatelli A; et al. (AJR), **146**: 523, 1986
- sonographic detection of small intestinal subserosal lymphofollicular hyperplasia, Murayama S; Haruta R, (J Ultrasound Med), 5: 217, 1986
- sonographic recognition of pneumatosis intestinalis, Vernacchia FS; Jeffrey RB Jr; Laing FC; et al, (AJR), 145: 51, 1985
- sonography of intestinal lymphangiectasia, Dorne HL; Jequier S, (J Ultrasound Med), 5: 13, 1986
- submucosal accumulation of fat in inflammatory bowel disease: CT/pathologic correlation, Jones B; Fishman EK; Hamilton SR; et al, (JCAT), 10: 759, 1986
- toxic dilatation in Crohn disease with CT correlation, Siskind BN; Burrell MI; Klein ML; et al, (JCAT), 9: 193, 1985
- ultrasonographic findings in diseases of the appendix, Parulekar SG, (Radiology), **150**: 298, 1984
- ultrasound demonstration of bowel wall thickness in inflammatory bowel disease Dubbins PA, (Radiology), **154:** 283, 1985
- ultrasound survey of gallstones and other hepatobiliary disorders and in patients with Crohn's disease, Whorwell PA; Hawkins R; Dewbury K; et al, (Radiology), **155**: 861, 1985

#### Intestines, diverticula

- CT appearance of giant sigmoid diverticulum, Siskind BN; Burrell MI; Richter JO; et al, (JCAT), 10: 543, 1986
- detection of surgical lesions of the small bowel by enteroclysis, Maglinte DDT; Hall R; Miller RE; et al, (Radiology), **153**: 268, 1984
- ileal dysgenesis presenting with anemia and growth failure, Orenstein SR; Magill HL; Whitington PF, (Radiology), **152**: 851, 1984
- small-bowel diverticulitis: CT findings, Greenstein S; Jones B; Fishman EK; et al, (AJR), 147: 271, 1986
- symptomatic inverted Meckel's diverticulum. a case report, Silver B; Demos TC, (Radiology), **153**: 268, 1984

ultrasonography of hepatic venous gas due to diverticulitis, Fataar S; Cadogan E; Spruyt O, (Br J Radiol), 59: 183, 1986

#### Intestines, effects of drugs on

- radiologic manifestations of small-bowel toxicity due to floxuridine therapy, Kelvin FM; Gramm HF; Gluck WL; et al, (AJR), 146: 39, 1986
- reversible enteropathy complicating continuous hepatic artery infusion chemotherapy with 5-fluoro-2-deoxyuridine, Gluck WL, Akwari OE; Kelvin FM; et al. (Radiology), 159: 570, 1986

#### Intestines, effects of irradiation on

- fractionated low doses of abdominal arradiation alters jejunal uptake of nutrients, Thomson ABR; Keelan M; Cheeseman CI; et al, (Int J Radiat Oncol Biol Phys), 12: 917, 1986
- small bowel double-contrast enema in stage III ovarian cancer, Wittich G; Salomonowitz E; Szepesi T; et al, (AJR), 142: 299, 1984

#### Intestines, hemorrhage

- embolisation in small bowel haemorrhage Chalmers AG; Robinson PJ; Chapman AH, (Clin Radiol), 37: 379, 1986
- glucagon in the scintigraphic diagnosis of small-bowel hemorrhage by Tc-99m-labeled red blood cells, Froelich JW; Juni J, (Radiology), 151: 239, 1984
- therapeutic embolization of the small-bowel arteries, Palmaz JC; Walter JF; Cho KJ, (Radiology), **152**: 377, 1984
- typhlitis: a cause of gastrointestinal hemorrhage in children, Meyerovitz MF; Fellows KE, (AJR), 143: 833, 1984

### Intestines, hernia

- radiologic diagnosis of occult incisional hernias of the small intestine Maglinte DDT; Miller RE; Lappas JC, (AJR), 142: 931, 1984
- radiologic imaging of herniation of the small bowel through a defect in the broad ligament, Suzuki M; Takashima T; Funaki H; et al, (Gastrointest Radiol), 11:
- sonographic diagnosis of a perirenal transplant bowel hernia, Burks DD; Fleischer AC; Richie RE, (J Ultrasound Med), 4: 677, 1985
- transmesocolic herniation of small bowel following colonic interposition, Agha FP, (Radiology), **158**: 858, 1986

- computed tomographic findings in bowel infarction, Federle MP; Chun G; Jeffrey RB Jr; et al, (AJR), 142: 91, 1984
- portal thrombosis: dynamic CT features and course, Mathieu D; Vasile N; Grenier P, (Radiology), **154**: 737, 1985
- sonographic diagnosis of thrombosis of the superior mesenteric vein and small bowel infarction, Phillips G; Dimitrieva Z, (J Ultrasound Med), 4: 565, 1985

### Intestines, infection

- contaminated small bowel syndrome presenting as an abdominal emergency in infants and children, Schwobel M; Hirsig J; Stauffer UG, (Radiology), **159**: 576, 1986
- widespread cytomegalovirus gastroenterocolitis in a patient with acquired immunodeficiency syndrome, Knapp AB; Horst DA; Eliopoulos G; et al, (Radiology), 153: 561, 1984

#### Intestines, inflammation

- assessment of disease activity in inflammatory bowel disease: a new approach using <sup>111</sup>In granulocyte scanning, Saverymuttu SH; Lavender JP; Hodgson HJF; et al, (Radiology), **152**: 870, 1984
- computed tomography of neutropenic colitis, Frick MP; Maile CW; Crass JR; et al, (AJR), 143: 763, 1984
- CT detection of typhlitis, Adams GW; Rauch RF; Kelvin FM; et al, (JCAT), 9: 363,
- filiform polyps of the esophagus with inflammatory bowel disease, Cockey BM; Jones B; Bayless TM; et al, (AJR), 144: 1207, 1985
- nodular duodenitis. pathologic and clinical characteristics in patients with end-stage renal disease, Zuckerman GR, Mills BA; Koehler RE; et al, (Radiology), 152: 549, 1984

nonspecific involvement of bowel adjoining Crohn disease, Herlinger H; O'Riordan D; Saul S; Levine MS, (Radiology), **159**: 47, 1986

Saul 5; Levine M5, (Radiology), 193; 47, 196e plain abdominal radiographs in children with inflammatory bowel disease, Taylor GA; Nancarrow PA; Hernanz-Schulman M; et al, (Pediatr Radiol), **16**: 206, 1986

possible role of mycobacteria in inflammatory bowel disease. I. an unclassified mycobacterium species isolated from patients with Crohn's disease, Chiodini RJ; Van Kruiningen HJ; Yer WR; et al., (Radiology), 156: 265, 1985

possible role of mycobacteria in inflammatory bowel disease. II. mycobacterial antibodies in Crohn's disease, Thayer WR; Coutu JA; Chiodini RJ; et al, (Radiology), 156: 265,

radiology in inflammatory bowel disease, Bartram CI, Reviewed by Skucas J, (Radiology), 153: 336, 1984

submucosal accumulation of fat in inflammatory bowel disease: CT/pathologic correlation, Jones B; Fishman EK; Hamilton SR; et al, (JCAT), 10: 759, 1986

survey of the use of colonoscopy in inflammatory bowel disease, Holdstock G; DuBoulay CE; Smith CL, (Radiology), **155**: 271, 1985

three-phase white blood cell scan: diagnostic validity in abdominal inflammatory diseases, Becker W; Fischbach W; Reiners C; et al. (J Nucl Med), 27: 1109, 1986

typhlitis: a cause of gastrointestinal hemorrhage in children, Meyerovitz MF; Fellows KE, (AJR), 143: 833, 1984

typhlitis in acute childhood leukaemia: radiological features, McNamara MJ; Chalmers AG; Morgan M; et al, (Clin Radiol), 37: 83, 1986

#### Intestines, intubation

distension of intestinal tube balloons causing small bowel obstruction, Shapir J; Braver J, (J Canad Assoc Radiol), 37: 203, 1986

enteric alimentation: radiologic approach, McLean GK; Meranze SG; Burke DR, (Radiology), **160**: 555, 1986

intubation routes for enteroclysis, Maglinte DDT; Lappas JC; Chernish SM; Sellink JL, (Radiology), **158**: 553, 1986

# Intestines, intussusception

See Intussusception Intestines, ischemia

radionuclide visualization of acute occlusive and nonocclusive intestinal ischemia, Frantzides CT; Condon RE; Tsiftsis D; et al, (Radiology), **160**: 856, 1986

# Intestines, malrotation

Hirschsprung's disease and asymptomatic malrotation: rare association, Tamburrini O; Bartolomeo-De Iuri A; Palescandolo P; et al, (Pediatr Radiol), **16**: 250, 1986

reversed intestinal rotation, DePrima SJ; Hardy DC; Brant WE, (Radiology), 157: 603,

### Intestines, motility

enteric alimentation: radiologic approach, McLean GK; Meranze SG; Burke DR, (Radiology), **160**: 555, 1986

pseudoobstruction in the geriatric population, Adler YT; Draths KG; Markey WS, (Radiographics), 6: 995, 1986

#### Intestines, mucosa

aphthoid ulcers in Crohn disease: radiographic course and relationship to bowel appearance, Ni X-Y; Goldberg HI, (Radiology), **158**: 589, 1986

Crohn disease of the small intestine: diffuse mucosal granularity, Glick SN; Teplick SK, (Radiology), **154**: 313, 1985

#### Intestines, neoplasms

See Intestinal neoplasms

Intestines, obstruction See Intestines, stenosis

Intestines, parasites

See Parasites

### Intestines, perforation

analysis of bowel perforation in patients with intussusception, Blane CE; DiPietro MA; White SJ; et al, (Radiology), 155: 277, 1985

bowel perforation in the newborn: diagnosis with metrizamide, Cohen MD; Weber TR; Grosfeld JL, (Radiology), 150: 65, 1984

intestinal perforation in abdominal typhus in childhood, Vogel H; Rodriguez HĆG; Gomez MZ; et al, (Radiology), **150**: 290, 1984

intestinal perforations by tube feedings in small infants: clinical and experimental studies, McAlister WH; Siegel MJ; Shackelford GD; et al, (AJR), 145: 687, 1985

jejunal perforation by a toothpick: CT demonstration, Strauss JE; Balthazar EJ; Naidich DP, (JCAT), 9: 812, 1985

localized intestinal perforations after enteral administration of indomethacin in premature infants, Alpan G; Eyal F; Vinograd I; et al, (Radiology), **156**: 858, 1985

#### Intestines, polyps

See Intestinal neoplasms

### Intestines, radiography

comparison of pumps used for enteroclysis, Maglinte DDT; Miller RE, (Radiology), **152**: 815, 1984

detailed per-oral small-bowel examination versus enteroclysis, Nolan DJ; Cadman PJ; Jeffree MA, (Radiology), **157**: 836, 1985

detailed per-oral small-bowel examination versus enteroclysis: reply, Ott DJ; Gelfand DW; Chen YM; Van Swearingen F; Munitz HA, (Radiology), 157: 836, 1985

detailed per-oral small bowel examination vs. enteroclysis. part I: expenditures and radiation exposure; part II: radiographic accuracy, Ott DJ; Chen YM; Gelfand DW; Van Swearingen F; Munitz HA, (Radiology), 155: 29, 1985

evaluation of the double contrast small bowel enema in Crohn's disease of the small intestine, Jones MW, (Radiology), 154: 554,

experience with small bowel double-contrast examinations, Salomonowitz E; Wittich G; Czembirek H, (Radiology), **150**: 855, 1984

feasibility of the peroral pneumocolon in evaluating the ileocecal region, Wolf K-J; Goldberg HI; Wall SD; et al, (AJR), **145**: 1019,

intestinal anisakiasis: clinical and radiologic features, Matsui T; Iida M; Murakami M; Kimura Y; Fujishima M; Yao Y; Tsuji M, (Radiology), **157**: 299, 1985

intubation routes for enteroclysis, Maglinte DDT; Lappas JC; Chernish SM; Sellink JL, (Radiology), **158**: 553, 1986

jejunal fold separation in adult celiac disease: relevance of enteroclysis, Herlinger H; Maglinte DDT, (Radiology), **158**: 605, 1986

radiology of the ileoanal reservoir, Kremers PW; Scholz FJ; Schoetz DJ Jr; et al, (AJR), 145: 559, 1985

radiology of the small bowel: modern enteroclysis technique and atlas, Sellink JL, Reviewed by Miller RE, (Radiology), **150**:

retrograde examination of the small bowel in patients with an ileostomy, Zagoria RJ; Gelfand DW; Ott DJ, (Gastrointest Radiol),

retrograde ileography: value of glucagon, Monsein LH; Halpert RD; Harris ED; Feczko PJ, (Radiology), **161**: 558, 1986

roentgenographic contrast studies in acute small-bowel obstruction, Dunn JT; Halls JM; Berne TV, (Radiology), **156**: 265, 1985

small bowel barium follow-through enhanced with an oral effervescent agent, Fraser GM; Preston PG, (Radiology), **152**: 550, 1984

value of an erect abdominal radiograph in the diagnosis of intestinal obstruction, Simpson A; Sandeman D; Nixon SJ; et al, (Radiology), 156: 561, 1985

value of routine small bowel radiography, Moss GD; Fahrenbach J, (Radiology), 152: 841, 1984

# Intestines, radionuclide studies

assessment of disease activity in inflammatory bowel disease: a new approach using <sup>111</sup>In granulocyte scanning, Saverymuttu SH; Lavender JP; Hodgson HJF; et al, (Radiology), **152**: 870, 1984

glucagon in the scintigraphic diagnosis of small-bowel hemorrhage by Tc-99m-labeled red blood cells, Froelich JW; Juni J, (Radiology), **151**: 239, 1984

radionuclide visualization of acute occlusive and nonocclusive intestinal ischemia, Frantzides CT; Condon RE; Tsiftsis D; et al, (Radiology), 160: 856, 1986

#### Intestines, stenosis

case report: ion-exchange resin bezoar in a neonate, Berman L; Briggs R; Thomas RM, (Clin Radiol), 37: 297, 1986

CT diagnosis of closed loop obstruction, Balthazar EJ; Bauman JS; Megibow AJ, (JCAT), 9: 953, 1985

distension of intestinal tube balloons causing small bowel obstruction, Shapir J; Braver J, (J Canad Assoc Radiol), 37: 203, 1986 enteroclysis in partial small bowel obstruction, Maglinte DDT; Peterson LA; Vahey TN; et al, (Radiology), 153: 560, 1984

gallstone ileus diagnosed by computed tomography, Grumbach K; Levine MS; Wexler JA, (JCAT), 10: 146, 1986

intestinal pseudoobstruction caused by a new form of visceral neuropathy: palliation by radical small bowel resection, Schuffler MD; Leon SH; Krishnamurthy S, (Radiology), 160: 284, 1986

neonatal intestinal obstruction from omphalomesenteric duct remnants, Gaisie G; Curnes JT; Scatliff JH; et al, (AJR), 144: 109,

neonatal intestinal pseudoobstruction, Bagwell CF, (Radiology), 157: 852, 1985

prone films of abdomen—a diagnostic tool in intestinal obstruction in children, Cherian MJ; Kumar EN; Cherian K; et al, (Radiology), 150: 613, 1984

pseudoobstruction in the geriatric population, Adler YT; Draths KG; Markey WS, (Radiographics), 6: 995, 1986

pseudo-obstruction of the large bowel, Addison NV, (Radiology), 150: 288, 1984 reversed intestinal rotation, DePrima SJ; Hardy DC; Brant WE, (Radiology), 157: 603,

roentgenographic contrast studies in acute small-bowel obstruction, Dunn JT; Halls JM; Berne TV, (Radiology), 156: 265, 1985 small-bowel enema in the diagnosis of adhesive obstructions, Caroline DF; Herlinger H; Laufer I; et al, (AJR), 142: 1133, 1984

sonographic differential diagnosis in intestinal obstruction. results of a prospective study of 48 patients. Meiser G; Meissner K, (Radiology), 157: 286, 1985

splenic flexure volvulus: complication of pseudoobstruction in infancy, Reinarz S; Smith WL; Franken EA Jr; et al, (AJR), 145:

treatment of intussusception with small bowel obstruction: application of decision analysis, Leonidas JC, (AJR), 145: 665, 1985

value of an erect abdominal radiograph in the diagnosis of intestinal obstruction, Simpson A; Sandeman D; Nixon SJ; et al, (Radiology), 156: 561, 1985

# Intestines, surgery

restines, surgery radiology of the ileoanal reservoir, Kremers PW; Scholz FJ; Schoetz DJ Jr; et al, (AJR), 145: 559, 1985

surgical therapy for small-bowel carcinoid tumors, Strodel WE; Talpos G; Eckhauser F; et al, (Radiology), **150**: 288,

#### Intestines, ulcer See Peptic ulcer

Intestines, US studies

Crohn's disease, sonography as a guideline to therapy, Meiser J; Meissner K; Pichler W, (Radiology), **157**: 862, 1985

intussusception of the bowel: a new sonographic pattern, Montali G; Croce F; De Pra L; et al, (Radiology), **152**: 267, 1984

sonographic and pathologic correlation in intussusception of the bowel, Verbanck JJ; Rutgeerts LJ; Douterlungne PH; et al, (JCU), 14: 393, 1986

sonographic detection of a wooden splinter in the small intestine wall—a case report, Czermak H; Magnet W; Tidstrand J; et al, (Radiology), 155: 284, 1985

sonographic detection of postsurgical recurrence of Crohn disease, DiCandio G; Mosca F; Campatelli A; et al, (AJR), 146: 523,

sonographic detection of small intestinal subserosal lymphofollicular hyperplasia, Murayama S; Haruta R, (J Ultrasound Med), 5: 217, 1986

sonographic diagnosis of malignant carcinoid of the small intestine, Swobodnik W; Wechsler JG; Ditschuneit H, (Radiology), 150: 298, 1984

- sonographic differential diagnosis in intestinal obstruction. results of a prospective study of 48 patients, Meiser G; Meissner K, (Radiology), 157: 286, 1985
- sonographic recognition of pneumatosis intestinalis, Vernacchia FS; Jeffrey RB Jr; Laing FC; et al. (AJR), 145: 51, 1985
- ultrasonographic findings in diseases of the appendix, Parulekar SG, (Radiology), **150**: 298, 1984
- ultrasound demonstration of bowel wall thickness in inflammatory bowel disease Dubbins PA, (Radiology), 154: 283, 1985

#### Intestines, varices

small-bowel varices due to mesenteric metastasis, Radin DR; Siskind BN; Alpert S; et al, (Gastrointest Radiol), 11: 183, 1986

#### Intestines, volvulus

- caecal volvulus: a frequently missed diagnosis?, Anderson JR; Mills T, (Radiology), **152**: 841, 1984
- cecal volvulus: complication of colonoscopy, Radin DR; Halls JM, (Gastrointest Radiol), 11: 110, 1986
- simultaneous intussusception and sigmoid volvulus in a child, Leeba JM; Boas RN, (Pediatr Radiol), **16:** 248, 1986
- sonographic demonstration of duodenal obstruction with midgut volvulus, Hayden CK Jr; Boulden TF; Swischuk LE; et al, (AJR), 143: 9, 1984
- splenic flexure volvulus: complication of pseudoobstruction in infancy, Reinarz S; Smith WL; Franken EA Jr; et al, (AJR), 145:
- ultrasound scanning of the gastrointestinal tract in children: subject review, Miller JH; Kemberling CR, (Radiology), **152**: 671, 1984
- whirl sign: CT finding in volvulus of the large bowel, Shaff MI; Himmelfarb E; Sacks GA; et al, (JCAT), 9: 410, 1985

### Intussusception

- analysis of bowel perforation in patients with intussusception, Blane CE; DiPietro MA; White SJ; et al, (Radiology), 155: 277, 1985
- case report diagnosis and hydrostatic reduction of an intussuscetion under ultrasound guidance, Bolia AA, (Radiology), 159: 571, 1986
- computed tomography of adult colonic intussusception: clinical and experimental studies, Iko BO; Teal JS; Siram SM; et al, (AJR), 143: 769, 1984
- defaecography. description of a new method and its contribution in diagnosis, Mahieu P, (Radiology), 153: 268, 1984
- diagnosis of a right iliac fossa mass by computed tomography, McLaughlin SJ; Gray JG; Braithwaite M, (Br J Radiol), 59: 623, 1986
- displacement of the appendix in intussusception, Gilsanz V, (AJR), 142: 407,
- dissection sign of nonreducible ileocolic intussusception, Fishman MC; Borden S IV; Cooper A, (AJR), 143: 5, 1984
- gastroduodenal intussusception secondary to prolapsing gastric tumors, Kleinhaus U; Weich YL; Maoz S, (Gastrointest Radiol), 11:
- hydrostatic reduction of childhood intussusception. the role of adjuvant glucagon medication, Mortensson W; Eklof O; Laurin S, (Radiology), **156**: 274,
- internal intussusception of the rectum. diagnosis and surgical management, Hoffman MJ; Kodner IJ; Fry RD, (Radiology), **154**: 847, 1985
- intussusception in adults, Agha FP, (AJR), 146: 527, 1986
- intussusception: influence of age on reducibility, Jennings C; Kelleher J, (Radiology), **154**: 854, 1985
- intussusception of the bowel: a new sonographic pattern, Montali G; Croce F; De Pra L; et al, (Radiology), 152: 267, 1984 neonatal ileocolic intussusception with enterogenous cyst: ultrasonic diagnosis, Pandher D; Sauerbrei EE, (Radiology), 152:
- 850 1984
- retrograde jejuno-duodeno-gastric intussusception, Lamont AC; Rode H, (Radiology), **158**: 575, 1986
- simultaneous intussusception and sigmoid volvulus in a child, Leeba JM; Boas RN, (Pediatr Radiol), 16: 248, 1986

- sonographic and pathologic correlation in intussusception of the bowel, Verbanck JJ; Rutgeerts LJ; Douterlungne PH; et al, (JCU), 14: 393, 1986
- treatment of intussusception with small bowel obstruction: application of decision analysis, Leonidas JC, (AJR), 145: 665, 1985
- ultrasound scanning of the gastrointestinal tract in children: subject review, Miller JH; Kemberling CR, (Radiology), 152: 671, 1984

#### Iodine and iodine compounds

- multiple sclerosis: gadolinium enhancement in MR imaging, Grossman RI; Gonzalez-Scarano F; Atlas SW; Galetta S; Silberberg DH, (Radiology), 161: 721, 1986
- NaI(TI) camera crystals: imaging capabilities of hydrated regions on the crystal surface, Keszthelyi-Landori S, (Radiology), 158: 823,
- use of iodine as a thyroidal blocking agent in the event of a reactor accident. report of the Environmental Hazards Committee of the American Thyroid Association, Becker DV; Braverman LE; Dunn JT; et al, (Radiology), 155: 286, 1985

# Iodine and iodine compounds, radioactive

- cerebral edema following iodine-131 therapy for thyroid carcinoma metastatic to the brain, Datz FL, (J Nucl Med), 27: 637, 1986
- clinical problems associated with dosimetry of 125-iodine for cancer of the prostate, Abadir R; Logan KW, (Radiology), **155**: 559,
- impact of radiocontaminants in commercially available iodine-123: dosimetric evaluation, Ziessman HA; Fahey FH; Gochoco JM, (J Nucl Med), 27: 428, 1986
- iodine 131 total body scan—extrathyroidal uptake of radioiodine, Wu S-y; Brown T; Milne N; et al, (Semin Nucl Med), 16: 82,
- long-term hazards of the treatment of thyroid cancer with radioiodine, Edmonds CJ; Smith T, (Br J Radiol), 59: 45, 1986
- measurement of myocardial fatty acid metabolism: kinetics of iodine-123 heptadecanoic acid in normal dog hearts, Schon HR; Senekowitsch R; Berg D; et al, (J Nucl Med), 27: 1449, 1986
- metabolism of iodine-131 metaiodobenzylguanidine in patients with metastatic pheochromocytoma, Mangner TJ; Tobes MC; Wieland DW; et al, (J Nucl Med),
- oedema of the neck after ablation of the thyroid with radioactive iodine, Goolden AWG; Kam KC; Fitzpatrick ML; et al, (Br J Radiol), 59: 583,
- physical dosimetry of <sup>125</sup>I seeds of a new design for interstitial implant, Ling CC; Yorke ED; Spiro IJ; et al, (Radiology), **153**: 864, 1984
- prostatic cancer therapy: comparison of external-beam radiation and I-125 seed implantation treatment of stages B and C neoplasms, Morton JD; Harrison LB; Peschel RE, (Radiology), **159**: 249, 1986
- quantitative evaluation of iodine-123 hippuran gamma camera renography in normal children, Carlsen O; Kvinesdal B; Nathan E, (J Nucl Med), 27: 117, 1986
- radiochemical purity and in vitro stability of commercial hippurans, Hammermaier A; Reich E; Bogl W, (J Nucl Med), 27: 850, 1986
- radioiodine treatment of solitary functioning thyroid nodules, Ratcliffe GE; Cooke S; Fogelman I; et al, (Br J Radiol), 59: 385, 1986
- radiolabeling with organomercury compounds: part 2. high specific activity synthesis of iodine-125 and iodine-131-6-iodocholest-5-en-38-ol and its tissue distribution in rats, Flanagan RJ; Charleson FP; Synnes EI; et al, (J Nucl Med), 27: 1165, 1986
- scanning with iodine-131 MIBG in children with solid tumors: initial appraisal, Hadley GP; Rabe E, (J Nucl Med), 27: 620,
- serial thyroid iodine content in hyperthyroid patients treated with radioiodine, Lee GS; Sandler MP; Patton JA; et al, (Clin Nucl Med), 11: 115, 1986
- spurious thyroid cancer metastasis: saliva contamination artifact in high dose iodine-131 metastases survey, Park H-M; Tarver RD; Schauwecker DS; et al, (J Nucl Med), 27: 634, 1986

- thyroid radiation absorbed dose from diagnostic procedures in U.S. population, Rosenberg RD; Mettler FA Jr; Moseley RD Jr; Parker T; Williams AG; Christie JH; Kelsey CA, (Radiology), 156: 183, 1985
- transient hypothyroidism following radioiodine therapy for thyrotoxicosis, Connell JMC; Hilditch TE; McCruden DC; et al. (Radiology), **150**: 304,
- versatile permanent planar implant technique utilizing iodine-125 seeds imbedded in Gelfoam, Marchese MJ; Nori D; Anderson LL; et al. (Radiology), 155: 287,
- vicryl carrier for I-125 seeds: percutaneous transperineal insertion, Kumar PP; Good RR, (Radiology), **159**: 276, 1986

#### Iohexol

- ascending lower-limb phlebography: comparative study of Hexabrix 320, iohexol 300 and iohexol 240, Hall-Craggs MA; Hine AL, (Br J Radiol), 59: 685, 1986
- C1-C2 myelography with iohexol and metrizamide: comparative study, Brooks BS; El Gammal T; Van Tassel P; et al, (AJNR), 6:
- clinical trial of iohexol vs. Conray 60 for cerebral angiography, Pelz DM; Fox AJ; Vinuela FV, (AJNR), 5: 565, 1984
- v inuela r v , (AJNR), 5: 565, 1984 comparative study of iohexol and meglumine iothalamate in double-contrast knee arthrography, Belli A; Renton P; Stoker DJ, (Radiology), 155: 549, 1985
- comparison of iohexol with metrizamide in myelography, Sortland O; Nestvold K; Kloster R; Aandahl MH, (Radiology), 151: 121, 1984
- contrast enhancement of brain tumors and irradiated normal brain: comparison of iohexol and iothalamate, Fike JR; Cann CE; Turowski K; et al, (Neuroradiol), 28: 61, 1986
- fatal acute vasculitis after high-dose urography with iohexol, Goodfellow T; Holdstock GE; Brunton FJ; et al, (Br J Radiol), 59: 620, 1986
- iohexol and diatrizoate: comparison in visceral arteriography, Adam A; Hemingway AP; Allison DJ, (Radiology), 155: 529, 1985
- iohexol for cervical myelography via C1-C2 puncture: study of efficacy and adverse reactions, Latchaw RE; Sackett JF; Turski PA; et al, (AJNR), 6: 927, 1985
- iohexol in paediatric myelography: open non-comparative trial, Kendall B, (Neuroradiol), 28: 65, 1986
- iohexol versus metrizamide for cervical myelography: double-blind trial, Gebarski SS; Gabrielsen TO; Knake JE; et al, (A)NR), 6: 923, 1985
- iohexol vs. metrizamide: study of efficacy and morbidity in cervical myelography, Latchaw RE; Hirsch WL Jr; Horton JA; et al, (AJNR), 6: 931, 1985
- lumbar myelography with iohexol and metrizamide, Kieffer SA; Binet EF; Davis DO; et al, (Radiology), **157**: 856, 1985
- lumbar myelography with iohexol and metrizamide: a comparative multicenter prospective study. Kieffer 5A, Binet EF; Davis DO; Gabrielsen TO; Kido DK; Latchaw RE; Turski PA; Shaw DD, (Radiology), 151: 665, 1984
- lumbar myelography with Omnipaque (iohexol), Lilleas F; Bach-Gansmo T; Weber H, (Neuroradiol), **28**: 344, 1986
- myelography with iohexol (Omnipaque): review of 300 cases, Burrows EH, (AJNR), 6: 349, 1985
- penetration of subarachnoid contrast medium into rabbit spinal cord: comparison between metrizamide and iohexol, Holtas S; Morris TW; Ekholm SE; et al, (Invest Radiol), 21: 151, 1986
- spinal angiography with iohexol, Kendall B, (Neuroradiol), 28: 72, 1986

## Iopamidol

- double blind study of the toxicity of intrathecal iopamidol and metrizamide in lumbar myelography, Vezina JL; Fox AJ, (Radiology), 155: 555, 1985
- facts about discomfort and pain with Iopamidol peripheral arteriography, Dotter CT; Rosch J; Erlandson M; Buschman RW; Ogilvie R, (Radiology), 155:

iopamidol and conray 60: comparison in superselective angiography, Schonfeld SM: Pinto RS; Schonfeld AR; Berenstein A; Kricheff II, (Radiology), 152: 809, 1984 iopamidol for myelography—practical implications, De Villiers PD; Snyman PJNH; Van Rensburg MNJ; et al, (Radiology), 156: 278. 1985.

pharmacokinetics, metabolism, and excretion of iopamidol in healthy subjects, McKinstry DN; Rommel AJ; Sugerman AA, (Radiology), 155: 549, 1985 pharmacokinetics of iopamidol after

intrathecal administration in humans, Duchin KL; Drayer BP; Ross M; et al, (AJNR), 7: 895, 1986

radiculography with non-ionic contrast medium: routine bed rest is unnecessary, Macpherson P; Teasdale E, (Radiology), **154**: 856, 1985

rate of clearance of intrathecal iopamidol in the dog, Wilcox J; Evill CA; Sage MR, (Neuroradiol), 28: 359, 1986

Iophendylate

pphendylate
metrizamide-iophendylate layering technique
for thoracolumbar myelography, Smith SP;
Wolpert SM, (Radiology), 153: 821, 1984
MR characteristics of iophendylate
(Pantopaque), Hackney DB; Grossman RI;
Zimmerman RA; et al, (JCAT), 10: 401, 1986

Iridium, radioactive
accuracy of the line and point source
approximations in IR-192 dosimetry,
Williamson JF, (Int J Radiat Oncol Biol
Phys), 12: 409, 1986

intraoperative interstitial implantation of iridium 192 in the breast, Mansfield CM; Jewell WR, (Radiology), **150**: 600, 1984

tumor cure studies on the rat sarcoma BA1112 using continuous low-dose-rate radiation, Peschel RE; Martin DF; Fischer JJ, (Radiology), 152: 801, 1984

high-field MR imaging of superficial siderosis of the central nervous system, Gomori JM; Grossman RI; Bilaniuk LT; et al, (JCAT), 9:

magnetic resonance imaging of brain iron, Drayer BP; Burger P; Darwin R; et al, (AJNR), 7: 373, 1986 magnetic resonance imaging of transfusional

magnetic resonance imaging of transfusional hemosiderosis complicating thalassemia major, Brasch RC; Wesbey GE; Gooding CA; Koerper MA, (Radiology), 150: 767, 1984 multiple system atrophy (Shy-Drager syndrome): MR imaging, Pastakia B; Polinsky R; Di Chiro G; Simmons IT; Brown R; Wener L, (Radiology), 159: 499,

1980 Parkinson plus syndrome: diagnosis using high field MR imaging of brain iron, Drayer BP; Olanow W; Burger P; Johnson GA; Herfkens R; Riederer SJ, (Radiology), 159: 493, 1986

sickle-cell nephropathy: MR imaging, Lande IM; Glazer GM; Sarnaik S; Aisen AM; Rucknagel D; Martel W, (Radiology), **158**: 379, 1986

Islet-cell neoplasms

See Pancreas, neoplasms

**Jaundice** 

aundice
bile duct obstruction: radiologic evaluation of
level, cause, and tumor resectability,
Gibson RN; Yeung E; Thompson JN;
Carr DH; Hemingway AP; Bradpiece HA;
Benjamin IS; Blumgart LH; Allison DJ,
(Radiology), 160: 43, 1986

J

(Kadiology), 100: 45, 1950 blinded prospective study comparing four current noninvasive approaches in the differential diagnosis of medical versus surgical jaundice, O'Connor KW; Snodgrass PJ; Swonder JE; et al, (Radiology), 151: 259, 1984

computed tomography of obstructive jaundice secondary to duodenal hematoma, Aston JK, (CT), 10: 171, 1986 diagnosis and treatment of jaundice, May GR; James EM; Bender CE; Williams HJ Jr; Adson MA, (Radiographics), 6: 847, 1986

diagnosis of obstructive jaundice in infants: Tc-99m DISIDA in duodenal juice, Jaw T-S; Wu C-C; Ho Y-H; et al, (Radiology), **154**: 275,

1985
efficacy of preoperative biliary tract
decompression in patients with obstructive
jaundice, Gundry SR; Strodel WE;
Knol JA; et al, (Radiology), 154: 559, 1985
evaluation of intrahepatic cholestasis with
radionuclide hepatobiliary imaging,
Kuni CC; Klingensmith WC III;
Fritzberg AR, (Radiology), 154: 284, 1985
evaluation of iaundiced patients—a surgeon's

evaluation of jaundiced patients—a surgeon's perspective, Ottinger LW, (Semin US CT MR), 5: 399, 1984

evaluation of the jaundiced patient—an internist's perspective, Richter JM, (Semin US CT MR), 5: 369, 1984

fine needle aspiration biopsy in malignant obstructive jaundice, Cohan RH; Illescas FF; Braun SD; et al, (Gastrointest Radiol), 11:

imaging approach to persistent neonatal jaundice, Kirks DR; Coleman RE; Filston HC; et al, (AJR), 142: 461, 1984

jaundice, Mueller PR, (Clin Diagn Ultrasound), 14: 25, 1984

non-Hodgkin's lymphoma presenting as periampullary mass with obstructive jaundice, Barek L; Orron D, (CT), 10: 89,

preoperative diagnosis of the Mirizzi syndrome: limitations of sonography and computed tomography, Becker CD; Hassler H; Terrier F, (AJR), 143: 591, 1984

technetium-99m BIDA biliary scintigraphy in the evaluation of the jaundiced patient, Lee AW; Ram MD; Shih W-J; et al, (J Nucl Med), 27: 1407, 1986

wo unusual causes of jaundice with similar ultrasound and CT findings, Goodman A; Harries-Jones EP; Lipinski JK, (JCAT), 8: 1110, 1984

ultrasonography, computed tomography, and cholescintigraphy in suspected obstructive jaundice—a prospective comparative study, Matzen P; Malchow-Moller A; Brun B; et al, (Radiology), 151: 544, 1984

ultrasonography in the jaundiced infant: new approach, Green D; Carroll BA, (J Ultrasound Med), 5: 323, 1986

"black beard" sign of monostotic Paget's disease of the mandible, Mailander JC, (Clin Nucl Med), 11: 325, 1986

complete mandibular agenesis. report of a case, Brecht K; Johnson CM III, (Radiology), 157: 857, 1985

nature of the mandibular lesion in Melnick-Needles syndrome, Leonard MS; Gorlin RJ, (Radiology), **150**: 844, 1984

(Radiology), 150: 844, 1954 temporomandibular joints: high-resolution computed tomographic evaluation, Thompson JR; Christiansen EL; Hasso AN; Hinshaw DB Jr, (Radiology), 150: 105, 1984

Jaws, arthrography

aws, arthrography
computed tomography vs. arthrography in the
evaluation of the temporomandibular joint,
Kaplan PA, (Radiology), 152: 825, 1984
inferior joint space arthrography of normal
temporomandibular joints: reassessment of
diagnostic criteria, Kaplan PA; Tu HK;
Sleder PR; Lydiatt DD; Laney TJ,
(Radiology), 159: 585, 1986

temporomandibular joint: correlation between single-contrast videoarthrography and postmortem morphology, Westesson P-L; Bronstein SL; Liedberg J, (Radiology), 160: 767, 1986

Jaws, CT

computed tomography vs. arthrography in the evaluation of the temporomandibular joint, Kaplan PA, (Radiology), **152**: 825, 1984 CT of maxillofacial trauma, Johnson DH Jr, (Radiol Clin North Am), 22: 131, 1984

(Maudol Clift North Am), 22: 131, 1984 temporomandibular joint internal derangements: CT diagnosis, Helms CA; Vogler JB III; Morrish RB Jr; Goldman SM; Capra RE; Proctor E, (Radiology), 152: 459, 1984

temporomandibular joints: high-resolution computed tomographic evaluation, Thompson JR; Christiansen EL; Hasso AN; Hinshaw DB Jr, (Radiology), 150: 105, 1984

radiographic differential diagnosis of jaw cysts, Duker J, (Radiology), 156: 268, 1985

Jaws, neoplasms

calcifying epithelial odontogenic tumor (Pindborg tumor): an unusual case, Baunsgaard P; Lontoft E; Sorensen M, (Radiology), 151: 269, 1984

(Radiology), 151: 269, 1984

Prein J, (Skeletal Radiol), 15: 251, 1986

computed tomography of the buccomasseteric region: 2, pathology, Braun IF; Hoffman JC Jr; Reede D; et al, (AJNR), 5: 411 1984

fibrosarcoma of the jaws, Taconis WK; van Rijssel TG, (Skeletal Radiol), 15: 10, 1986 giant complex odontoma of the maxillary antrum, Mendelsohn DB; Hertzanu Y; Glass RBJ; et al. (Radiology), **150**: 294, 1984

gigantiform cementoma—unusual incidental finding, Lyons AJ; Babajews AV, (Br J Radiol), 59: 277, 1986

maxillary squamous cell carcinomas staged by computed tomography, Kondo M; Ando Y; Inuyama Y; et al, (Int ) Radiat Oncol Biol Phys), 12: 111, 1986

osteosarcoma of the jaw, Clark JL; Unni KK; Dahlin DC; et al, (Radiology), 151: 260, 1984

Jaws, radiography

dislocation of jaws, Katzberg RW; Anderson QN; Manzione JV; et al, (Radiology), **154**: 556, 1985

idiopathic chronic ulcerative enteritis: report of two cases, Zapolsky JH, Janower ML, (Radiology), 155: 39, 1985

leiunum

jejunal perforation by a toothpick: CT demonstration, Strauss JE; Balthazar EJ; Naidich DP, (JCAT), 9: 812, 1985

Jejunum, diverticula

ejunum, diverticula acquired jejunoileal diverticular disease: subject review, Maglinte DDT; Chernish SM; DeWeese R; Kelvin FM; Brunelle RL, (Radiology), 158: 577, 1986 jejunal diverticulosis: a heterogenous disorder

caused by a variety of abnormalities of smooth muscle or myenteric plexus, Krishnamurthy 5; Kelley MM; Rohrmann CA; et al, (Radiology), 151: 818,

Jejunum, hemorrhage resolving duodenal-jejunal hematoma in asolved children, Kleinman PK; Brill PW; Winchester P, (Radiology), 160: 747, 1986

Jejunum, surgery

percutaneous transjejunal biliary dilatation: alternate management for benign strictures, Russell E; Yrizarry JM; Huber JS; Nunez D Jr; Hutson DG; Schiff E; Reddy KR; Jeffers LJ; Williams A, (Radiology), 159: 209, 1986

See also Arthritis; Arthrography; names of joints, such as Ankle; Knee; etc.

bones and joints in diabetes mellitus. vol. 4 in series in radiology, Forgacs S, Reviewed by Gondos B, (Radiology), **150**: 326, 1984 costoclavicular joint, Redlund-Johnell I, (Skeletal Radiol), **15**: 25, 1986

Joints, abnormalities

replantation of digits or hands followed by destructive joint disease, Guerra J Jr; Resnick D; Gelberman RH; Reznek R; Cone RO III, (Radiology), 152: 591, 1984

Joints, calcification

joint calcification following intraarticular corticosteroid therapy, Gilsanz V, Bernstein BH, (Radiology), 151: 647, 1984

periarticular calcifications in association with intra-articular corticosteroid injections, Dalinka MK; Stewart V; Bomalaski JS; Halpern M; Kricun ME, (Radiology), 153: 615, 1984

Joints, carpometacarpal

carpometacarpal dislocations, Fisher MR; Rogers LF; Hendrix RW; et al, (Radiology), 155: 852, 1985

Joints, CT

bone erosion in synovial chondromatosis, Norman A; Steiner GC, (Radiology), **161**: 749, 1986

direct sagittal CT of the temporomandibular joint, Simon DC; Hess ML; Smilak MS; Beltran J, (Radiology), 157: 545, 1985

high resolution computed tomography of the osseous temporomandibular joint, Larheim TA; Kolbenstvedt A, (Radiology), 157: 573, 1985

high-resolution computed tomography: part 5, evaluation of the temporomandibular joint, Swartz JD; Vanderslice R; Hendler BH; et al, (Radiology), 159: 823, 1986

(Radiology), 139: 623, 1996 internal derangements of the temporomandibular joint: diagnosis by direct sagittal computed tomography, Manzione IV; Katzberg RW; Brodsky GL; Seltzer SE; Mellins HZ, (Radiology), 150: 111 1984

### Joints, diseases

chronic arthropathy in long-term hemodialysis, Goldstein S; Winston E; Chung TJ; et al, (Radiology), **155**: 852, 1985

chronic repetitive trauma: a cause of atypical degenerative joint disease, Hellmann DB; Helms CA; Genant HK, (Radiology), 154: 556, 1985

coexistence and characteristics of osteoarthritis and osteoporosis, Healy JH; Vigorita VJ; Lane JM, (Radiology), 157: 280, 1985

magnetic resonance imaging of joint disease, Sims RE; Genant HK, (Radiol Clin North Am), 24: 179, 1986

Ami), 24: 17-5, 1790
os et articulations—pathologie regionale
(bones and joints—regional pathology), vol.
12 of traite de radiodiagnostic, Traia R.
Bacques O; Plainfosse M-C; Blery M;
Chevrot A, Reviewed by Oestreich AE,
(Radiology), 152: 240, 1984

radiographic appearance of the sternomanubrial joint in arthritis and related conditions, Parker VS; Malhotra CM; Ho G Jr; Kaplan SR, (Radiology), 153: 343, 1984

#### Joints, fluid

joint effusions: MR imaging, Beltran J; Noto AM; Herman LJ; Mosure JC; Burk JM; Christoforidis AJ, (Radiology), **158**: 133, 1986

significance of intraarticular fluid without visible fracture in children, Swischuk LE; Hayden CK Jr; Kupfer MC, (AJR), 142: 1261, 1984

#### Joints, glenohumeral

See Shoulder

### Joints, hemophilic

MR imaging of hemophiliac arthropathy, Kulkarni MV; Drolshagen LF; Kaye JJ; et al, (JCAT), 10: 445, 1986

#### Joints, inflammation

See Arthritis

# Joints, injuries

localized chondrocalcinosis in traumatized joints, de Lange EE; Keats TE, (Radiology), 159: 573, 1986

patient-induced stress test of the first metacarpophalangeal joint: radiographic assessment of collateral ligament injuries, Downey EF Jr; Curtis DJ, (Radiology), 158: 679, 1986

# Joints, metacarpophalangeal

patient-induced stress test of the first metacarpophalangeal joint: radiographic assessment of collateral ligament injuries, Downey EF Jr; Curtis DJ, (Radiology), 158: 679, 1986

#### Joints, MR studies

ankle: surface coil MR imaging at 1.5 T, Beltran J; Noto AM; Mosure JC; Shamam OM; Weiss KL; Zuelzer WA, (Radiology), **161**: 203, 1986

joint effusions: MR imaging, Beltran J; Noto AM; Herman LJ; Mosure JC; Burk JM; Christoforidis AJ, (Radiology), **158**: 133, 1986

knee: surface-coil MR ging at 1.5 T, Beltran J; Noto AM: sure JC; Weiss KL; Zuelzer WA; Christoforidis AJ, (Radiology), 159: 747, 1986

magnetic resonance imaging of joint disease, Sims RE; Genant HK, (Radiol Clin North Am), 24: 179, 1986

normal and abnormal temporomandibular joint: MR imaging with surface coil, Katzberg RW; Bessette RW; Tallents RH; Plewes DB; Manzione JV; Schenck JF; Foster TH; Hart HR, (Radiology), 158: 183, 1986

temporomandibular joint: magnetic resonance imaging using surface coils, Harms SE; Wilk RM; Wolford LM; Chiles DG; Milam SB, (Radiology), 157: 133, 1985

# Joints, neoplasms

bone erosion in synovial chondromatosis, Norman A; Steiner GC, (Radiology), 161: tumor involvement of peripheral joints other than the knee: arthrographic evaluation, De Smet AA; Levine E; Neff JR, (Radiology), 136: 597, 1985

#### Joints, prostheses

indium-granulocyte scanning in the painful prosthetic joint, Pring DJ; Henderson RG; Keshavarzian A; et al, (AJR), 147: 167, 1986

multinuclide digital subtraction imaging in symptomatic prosthetic joints, Chafetz NI; Hattner RS; Ruarke WC; et al, (AJR), 144: 1255, 1985

sequential technetium-99m HMDP-gallium-67 citrate imaging for the evaluation of infection in the painful prosthesis, Merkel KD; Brown ML; Fitzgerald RH Jr, (J Nucl Med), 27: 1413, 1986

total joint replacement: overview, Habermann ET, (Semin Roentgenol), 21:7, 1986

# Joints, radiography

patient-induced stress test of the first metacarpophalangeal joint: radiographic assessment of collateral ligament injuries, Downey EF Jr; Curtis DJ, (Radiology), 158: 679, 1986

# Joints, radionuclide studies

elevated sacroiliac joint uptake ratios in systemic lupus erythematosus, De Smet AA; Mahmood T; Robinson RG; et al, (AJR), 143: 351, 1984

indium-111 leukocyte imaging in patients with rheumatoid arthritis, Uno K; Matsui N; Nohira K; et al, (J Nucl Med), 27: 339, 1986

indium-granulocyte scanning in the painful prosthetic joint, Pring DJ; Henderson RG; Keshavarzian A; et al, (AJR), **147**: 167, 1986

joint scintigraphy using technetium-99m pyrophosphate in experimental hemarthrosis, Salimi Z; Vas W; Restrepo G, (J Nucl Med), 27: 246, 1986

multinuclide digital subtraction imaging in symptomatic prosthetic joints, Chafetz NI; Hattner RS; Ruarke WC; et al. (AJR), 144: 1255, 1985

negative bone scans of joints after aspiration or arthrography: experimental studies, Traughber PD; Manaster BJ; Murphy K; et al, (AJR), 146: 87, 1986

scintigraphic evaluation of the painful prosthetic joint: a comparison of gallium-67 citrate and indium-111 labeled leucocyte imaging, McKillop JH; McKay I; Cuthberg GF; et al, (Radiology), 154: 285, 1985

sequential technetium-99m HMDP-gallium-67 citrate imaging for the evaluation of infection in the painful prosthesis, Merkel KD; Brown ML; Fitzgerald RH Jr, (J Nucl Med), 27: 1413, 1986

#### Joints, sternoclavicular

osteoarthritis of the sternoclavicular joint: radiographic features and pathologic correlation, Kier R; Wain SL; Apple J; et al, (Invest Radiol), 21: 227, 1986

painful swollen sterno-clavicular joint, Hamilton-Wood C; Hollingworth P; Dieppe P; et al, (Radiology), **159**: 286, 1986

usefulness of bone imaging in diagnosis of sternocostoclavicular hyperostosis, Otsuka N; Fukunaga M; Sone T; et al, (Clin Nucl Med), 11: 651, 1986

#### Joints, sternomanubrial

radiographic appearance of the sternomanubrial joint in arthritis and related conditions, Parker VS; Malhotra CM; Ho G Jr; Kaplan SR, (Radiology), **153**: 343, 1984

# Joints, temporomandibular

computed tomography vs. arthrography in the evaluation of the temporomandibular joint, Kaplan PA, (Radiology), **152**: 825, 1984

diagnostic accuracy of double-contrast arthrotomography of the temporomandicular joint: correlation with postmortem morphology, Westesson P-L; Rohlin M, (AJNR), 5: 463, 1984

direct sagittal CT of the temporomandibular joint, Simon DC; Hess ML; Smilak MS; Beltran J, (Radiology), 157: 545, 1985

dislocation of jaws, Katzberg RW; Anderson QN; Manzione JV; et al, (Radiology), **154**: 556, 1985

dislocation of the temporomandibular joint disk demonstrated by CT, Thompson JR; Christiansen EL; Hasso AN; et al, (AJNR), 5: 115, 1984 dislocation of the temporomandibular joint meniscus: contrast arthrography vs. computed tomography, Thompson JR; Christiansen EL; Sauser D; et al, (AJNR), 5: 747. 1984

high resolution computed tomography of the osseous temporomandibular joint, Larheim TA; Kolbenstvedt A, (Radiology), 157: 573, 1985

high-resolution computed tomography: part 5, evaluation of the temporomandibular joint, Swartz JD; Vanderslice R; Hendler BH; et al, (Radiology), 159: 823, 1986

(Radiology), 159: 527, 1996 high-resolution MR imaging using loop-gap resonators: work in progress, Kneeland JB; Jesmanowicz A; Froncisz W; Grist TM; Hyde J5, (Radiology), 158: 247, 1986

inferior joint space arthrography of normal temporomandibular joints: reassessment of diagnostic criteria, Kaplan PA; Tu HK; Sleder PR; Lydiatt LD; Laney TJ, (Radiology), 159: 585, 1986

(nationgy), 393, 393, 190, 190, internal derangements of the temporomandibular joint: diagnosis by direct sagittal computed tomography, Manzione JV; Katzberg RW; Brodsky GL; Seltzer SE; Mellins HZ, (Radiology), 150: 111, 1984

internal derangements of the temporomandibular joint evaluated with direct sagittal CT: prospective study, Manco LG; Messing SG; Busino LJ; Fasulo CP; Sordill WC, (Radiology), 157: 407, 1985

internal derangements of the temporomandibular joint: findings in the pediatric age group, Katzberg RW; Tallents RH; Hayakawa K; Miller TL; Goske MJ; Wood BP, (Radiology), 154: 125, 1985

loose bodies of the temporomandibular joint: arthrographic diagnosis, Anderson QN; Katzberg RW, (Radiology), 154: 557, 1985

Natzberg RW, (Radiology), 154: 357, 1953 normal and abnormal temporomandibular joint: MR imaging with surface coil, Katzberg RW; Bessette RW; Tallents RH; Plewes DB; Manzione JV; Schenck JF; Foster TH; Hart HR, (Radiology), 158: 183, 1986

oblique head position in temporomandibular joint arthrography, Gillespy T III; Helms CA, (Radiology), 158: 541, 1986

sideways dislocation of the temporomandibular joint meniscus: edge sign, Khoury MB; Dolan E, (AJNR), 7: 869, 1986

synovial chondromatosis of the temporomandibular joint: report of three cases and a review of the literature, Blankestin J. Fanders AK: Vermey A; et al, (Radiology), 156: 268, 1985

(Radiology), 136: 266, 1365 temporomandibular joint arthrography: comparison of morbidity with ionic and low osmolality contrast media, Katzberg RW; Miller TL; Hayakawa K; Manzione JV; Tallents RH, (Radiology), 155: 245, 1985

temporomandibular joint arthrography of normal subjects: prevalence of pain with ionic versus nonionic contrast agents, Kaplan P. Tu H.; Lydiatt D; Sleder P; Williams S, (Radiology), **156**: 825, 1985

temporomandibular joint clicking with nonreducing anterior displacement of the meniscus, Miller TL; Katzberg RW; Tallents RH; Bessette RW; Hayakawa K, (Radiology), 154: 121, 1985

temporomandibular joint internal derangements: CT diagnosis, Helms CA; Vogler JB III; Morrish RB Jr; Goldman SM; Capra RE; Proctor E, (Radiology), 152: 459, 1984

temporomandibular joint: magnetic resonance imaging, Roberts D; Schenck J; Joseph P; Foster T; Hart H; Pettigrew J; Kundel HL; Edelstein W; Haber B, (Radiology), 154: 829, 1985

temporomandibular joint: magnetic resonance imaging using surface coils, Harms SE; Wilk RM; Wolford LM; Chiles DG; Milam SB, (Radiology), 157: 133, 1985

temporomandibular joints: high-resolution computed tomographic evaluation, Thompson JR; Christiansen EL; Hasso AN; Hinshaw DB Jr, (Radiology), **150**: 105, 1984

temporomandibular joint: true sagittal computed tomography with meniscus visualization, Sartoris DJ; Neumann CH; Riley RW, (Radiology), 150: 250, 1984

# Joints, temporomandibular, arthrography

Joints, temporomandibular, arthrography temporomandibular joint: correlation between single-contrast videoarthrography and postmortem morphology, Westesson P-L; Bronstein SL; Liedberg J, (Radiology), 160:

Joints, temporomandibular, CT

correlative thin section temporomandibular joint anatomy and computed tomography, Christiansen EL; Thompson JR; Hasso AN; Hinshaw DB Jr, (Radiographics), 6: 703, 1986

Joints, temporomandibular, MR studies magnetic resonance imaging of internal derangement of the temporomandibular joint, Helms CA; Gillespy T III; Sims RE; et al, (Radiol Clin North Am), 24: 189, 1986

temporomandibular joint: magnetic resonance imaging, Roberts D; Schenck J; Joseph P; Foster T; Hart H; Pettigrew J; Kundel HL; Edelstein W; Haber B, (Radiology), **154**: 829,

Joints, US studies

arthrosonography of the irritable hip in childhood: review of 1 year's experience, Adam R; Hendry GMA; Moss J; et al, (Br J Radiol), 59: 205, 1986

Jugular bulb

pulsatile tinnitus arising from jugular megabulb deformity: a treatment rationale, Buckwalter JA; Sasaki CT; Virapongse C; et al, (Radiology), **152**: 859, 1984

transcervical transmastoid approach to lesions of the jugular bulb, Donald PJ; Chole RA, (Radiology), 154: 278, 1985

ascular masses in the middle ear, Phelps PD; Lloyd GAS, (Clin Radiol), 37: 359, 1986

K

Kaposi sarcoma

central nervous system disease in acquired immunodeficiency syndrome: prospective correlation using CT, MR imaging, and pathologic studies, Post MJD. Sheldon JJ; Hensley CT; Soila KP; Tobias JA; Chan JC; Quencer RM; Moskowitz LB, (Radiology), 158: 141, 1986

differential diagnosis between Kaposi's sarcoma and pseudo-Kaposi's arteriovenous malformation by scintigraphy, Zaltzman S; Ophir J; Brenner S, (Clin Nucl Med), 11: 556, 1986

gastric manifestations of autoimmune deficiency syndrome-related Kaposi's sarcoma on computed tomography, Leibman AJ; Gold BM, (CT), 10: 85, 1986

Leibman AJ; Gold BM, (CT), 10: 85, 1986 gastric polyps: radiological evaluation and clinical significance, Feczko PJ; Halpert RD; Ackerman LV, (Radiology), 155: 581, 1985 gastrointestinal complications of AIDS: radiologic features, Frager DH; Frager JD; Brandt LJ; Wolf EL; Rand LG; Klein RS; Beneventano TC, (Radiology), 158: 597, 1986 insensitivity of Tc-99m pertechnetate imaging for Kaposi's sarcoma, Williams AG Jr; Becker LE; Mettler FA Jr, (Radiology), 157: 575, 1985

Kaposi sarcoma and lymphadenopathy syndrome: limitations of abdominal CT in Acquired immunodeficiency syndrome, Moon KL Jr; Federle MP; Abrams DI; Volberding P; Lewis BJ, (Radiology), **150**:

Kartagener syndrome

immotile cilia syndrome: radiological manifestations, Nadel HR; Stringer DA; Levison H; Turner JAP; Sturgess JM, (Radiology), **154**: 651, 1985

calcifications in keloid, Reinartz H; Meissner G, (Radiology), 157: 858, 1985

Kidney
See also Genitourinary system;
Hydronephrosis; Kidney neoplasms;
Urography
Trocking of the kidney, Hillman

digital imaging of the kidney, Hillman BJ, (Radiol Clin North Am), 22: 341, 1984 glomerular filtration rate determined in conjunction with routine renal scanning, Jackson JH; Blue PW; Ghaed N, (Radiology), 154: 203, 1985 normal renal growth in children with myelodysplasia, Gross GW; Thornburg AJ; Bellinger MF, (AJR), 146: 615, 1986

partial ablation of the kidney by intraarterial ethanol in domestic swine, Ekelund L; Lin G; Jonsson N; et al, (Radiology), 152: 253, 1984

sonography vs. excretory urography in acute flank pain, Hill MC; Rich JI; Mardiat JG; et al, (AJR), 144: 1235, 1985

Kidney, abnormalities

abnormal nephrogram, Dyer RB; Munitz HA; Bechtold R; Choplin RH, (Radiographics), 6: 1039, 1986

adrenal glands in patients with congenital renal anomalies: CT appearance, Kenney PJ; Robbins GL; Ellis DA; Spirt BA, (Radiology), 155: 181, 1985

adult polycystic horseshoe kidney, Dobranowski J; Somers S; Pirani M, (J Canad Assoc Radiol), 37: 208, 1986

asymmetric horseshoe kidney in the infant: value of renal nuclear scanning, Grandone CH; Haller JO; Berdon WE; Friedman AP, (Radiology), 154: 366, 1985

bilateral nephromegaly in the neonate. value of ultrasonography, Sebag A; Garel L; Pariente D; et al, (Radiology), **156**: 275, 1985

coexistence of congenital megacalyces and primary megaureter, Vargas B; Lebowitz RL, (AJR), 147: 313, 1986

computed tomography appearance of fused (horseshoe) kidney, Siegfried MS; Rochester D, (Radiology), 151: 555, 1984

computed tomography of renal agenesis and ectopy, Hadar H; Gadoth N; Gillon G, (Radiology), **154**: 859, 1985

crossed fused renal ectopia: sonographic diagnosis, Goodman JD; Norton KI; Carr L; et al, (Urol Radiol), 8: 13, 1986

CT of trauma to the abnormal kidney, Rhyner P; Federle MP; Jeffrey RB Jr, (AJR), 142: 747, 1984 radiologist's developmental model, Mellins HZ, (Radiology), 153: 291, 1984

diabetes mellitus: the predominant cause of bilateral renal enlargement, Segel MC; Lecky JW; Slasky BS, (Radiology), 153: 341,

'faceless kidney": CT sign of renal duplicity, Hulnick DH; Bosniak MA, (JCAT), 10: 771,

functional adrenal disease: radiologic evaluation in a patient with anomalous kidneys, Kenney PJ; Keller FS; Koehler RE, (AJR), 147: 289, 1986

infundibulopelvic stenosis in children, Lucaya J; Enriquez G; Delgado R; et al, (AJR), **142**: 471, 1984

in utero diagnosis of crossed renal ectopia using high-resolution real-time ultrasound, Greenblatt AM; Beretsky I; Lankin DH; et al, (J Ultrasound Med), 4: 105, 1985

kidneys in infants and children: evaluation with MR. Dietrich RB; Kangarloo H, (Radiology), **159**: 215, 1986

magnetic resonance imaging of bicornuate uterus with unilateral hematometrosalpinx and ipsilateral renal agenesis, Hamlin DJ; Pettersson H; Ramey SL; et al, (Urol Radiol),

medullary sponge kidney in childhood, Patriquin HB; O'Regan S, (AJR), 145: 315,

multicystic dysplastic kidney: observations of contralateral disease in the fetal population, Kleiner B, Filly RA; Mack LA; Callen PW, (Radiology), 161: 27, 1986

multicystic dysplastic kidneys: spontaneous regression demonstrated with US, Pedicelli G; Jequier S; Bowen A; Boisvert J, (Radiology), 161: 23, 1986

new variant of the acrorenal syndrome associated with bilateral Balogh L; Schmidt K; et al, (Radiology), 155: 856, 1985

non-functioning kidney associated with neonatal adrenal hemorrhage: report of 2 cases, Starinsky R; Manor A; Segal M, (Pediatr Radiol), 16: 427, 1986

obstruction of the upper-pole moiety in renal duplication in adults: CT evaluation, Cronan JJ; Amis ES; Zeman RK; Dorfman GS, (Radiology), 161: 17, 1986

pelvic kidney in cloacal exstrophy, Herman TE; Cleveland RH; Kushner DC, (Pediatr Radiol), 16: 306, 1986

regional function in a kidney with duplex collecting system, Ramanna L; Moser L, (Clin Nucl Med), 11: 53, 1986

septa of bertin: a sonographic pseudotumor, Mahony BS; Jeffrey RB Jr; Laing FC, (Radiology), 151: 833, 1984

mall dense kidneys in a 7-year-old, Martino CR; Pakter RL; Schultz CL; et al, (Invest Radiol), **21:** 76, 1986

sonographic diagnosis of bilateral fetal renal duplication with ectopic ureteroceles, Schoenecker SA; Cyr DR; Mack LA; et al, (J Ultrasound Med), 4: 617, 1985

Sonographic diagnosis of kidney malformations, Anderegg LA, (Radiology), 152: 267, 1984

sonography of the fetal duplex kidney, Jeffrey RB Jr; Laing FC; Wing VW; Hoddick WK, (Radiology), **153**: 123, 1984

sonography of the hypertrophied column of Bertin, Lafortune M; Constantin A; Breton G; et al, (AJR), **146**: 53, 1986

ultrasonography of the complicated duplex kidney: further observations, Wyly JB; Resende CMC; Teele RL, (Semin US CT MR), 5: 35, 1984

Kidney, abscess

abdominal abscess drainage under radiologic guidance: causes of failure, Lang EK; Springer RM; Glorioso LW III; Cammarata CA, (Radiology), **159**: 329, 1986

computed tomography of acute renal absce due to salmonella chester, Borrero GO; Jafri SZH; Vazquez PM; et al, (Comput Radiol), 10: 41, 1986

diagnosis and management of renal inflammatory processes in children, Levin R; Burbige KA; Abramson S; et al, (Radiology), **156**: 275, 1985

diagnosis and treatment of pyonephrosis, Yoder IC; Lindfors KK; Pfister RC, (Radiol Clin North Am), 22: 407, 1984

indium-111 leukocyte scanning: false-negative study in a renal abscess, Kumar R; Bedi DG; Fawcett HD; et al, (Clin Nucl Med), 11: 274, 1986

inflammatory disease of the kidney, Morehouse HT; Weiner SN; Hoffman-Tretin JC, (Semin US CT MR), 7: 246, 1986

percutaneous drainage of renal abscess, Hu K-N; Woldesemait A; Rao MG, (Radiology), 154: 560, 1985

percutaneous drainage of renal abscesses, Cronan JJ; Amis ES Jr; Dorman GS, (AJR), 142: 351, 1984

renal abscess: complication of ethanol embolization, Tupper TB; Cronan JJ; Wald LM; Dorfman GS, (Radiology), **161**: 35,

renal allografts: evaluation by MR imaging, Hricak H; Terrier F; Demas BE, (Radiology), 159: 435, 1986

renal carbuncle: comparison between surgical open drainage and closed percutaneous drainage, Fernandez JA; Miles Bj; Buck AS; et al, (Radiology), 156: 563, 1985 sensitivity of sonography in pyonephrosis: a reevaluation, Jeffrey RB Jr; Laing FC; Wing VW; et al, (AJR), 144: 71, 1985

uprarenal abscess in the neonate: technetium-99m glucoheptonate imaging, Wells RG; Sty JR; Hodgson NB, (Clin Nucl Med), 11: 32, 1986

Kidney, agenesis

See Kidney, abnormalities

Kidney, anatomy

anatomy of the perirenal area, McClennan BL; Lee JKT; Peterson RR, (Radiology), 158: 555,

bridging septa of the perinephric space: anatomic, pathologic, and diagnostic considerations, Kunin M, (Radiology), **158**:

361, 1986 computed tomography of renal masses: pitfalls and anatomic variants, Zeman RK; Cronan JJ; Rosenfield AT; Choyke PL; Paushter DM; Clark LR; Jaffe MH; Schiebler ML, (Radiographics), 6: 351, 1986 detailed caliceal anatomy for endourology, Kaye KW; Reinke DB, (Radiology), 156: 267, 1985

junctional parenchymal defect: sonographic variant of renal anatomy, Carter AR; Horgan JG; Jennings TA; Rosenfield AT, (Radiology), 154: 499, 1985

positional relations of colon and kidney determined by perirenal fat, Hadar H; Gadoth N, (AJR), 143: 773, 1984

Kidney, angiography See Renal angiography

Kidney, biopsy

arteriovenous fistula secondary to renal biopsy, Leonard JC; Nanney SM; Tytle T, (Clin Nucl Med), 11: 284, 1986

percutaneous renal biopsies: accuracy, safety, and indications, Nadel L; Baumgartner BR; Bernardino ME, (Urol Radiol), 8: 67, 1986

prostatic carcinoma metastasis to the kidney: diagnosis by thin needle aspiration biopsy, Kutcher R; Greenebaum E; Rosenblatt R; et al, (Urol Radiol), 8: 98, 1986

renal cell carcinoma complicating long-term dialysis: computed tomography-guided aspiration cytology, Nunez D Jr.; Yrizarry JM; Nadji M; et al. (CT), 10: 61, 1986

selective renal biopsy under ultrasonic real-time guidance, Saitoh M, (Radiology), 153: 573, 1984

sonographically guided fine-needle aspiration biopsy of adrenal masses, Montali G; Solbiati L; Bossi MC; et al, (AJR), 143: 1081,

Laing FC; Jeffrey RB Jr, (J Ultrasound Med), 4: 441, 1985

ultrasonically guided fine needle aspiration biopsy of renal masses, Juul J; Torp-Pedersen S; Gronvall S; et al, (Radiology), 156: 570, 1985

Kidney, blood supply

magnetic resonance imaging following unilateral occlusion of the renal circulation in rabbits, Yuasa Y; Kundel HL, (Radiology), 154: 151, 1985

xenon/CT blood flow mapping of the kidney and liver, Gur D; Yonas H; Wolfson SK Jr; et al, (JCAT), 8: 1124, 1984

Kidney, calcification

medullary nephrocalcinosis and pancreatic calcifications demonstrated by ultrasound and CT in infants after treatment with ACTH, Rausch HP; Hanefeld F; Kaufmann HJ, (Radiology), 153: 105, 1984

sonographic diagnosis of furosemide-induced nephrocalcinosis in newborn infants, Pearse DM; Kaude JV; Williams JL; et al, (J Ultrasound Med), 3: 553, 1984

sonography of milk of calcium in a calyceal diverticulum: a case report, Leekam RN; Matzinger MA; Keresteci AG, (Radiology), 153: 859, 1984

ultrasound diagnosis of renal calcification in infants on chronic furosemide therapy, Myracle MR; McGahan JP; Goetzman BW; et al, (JCU), 14: 281, 1986

ultrasound versus excretory urography in evaluating acute flank pain, Laing FC; Jeffrey RB Jr; Wing VW, (Radiology), 154: 613, 1985

Kidney, calculi

adult respiratory distress syndrome complicating percutaneous nephrolithotripsy, Rudy DC; Woodside JR; Borden TA; et al, (Radiology), 153: 847, 1984

balloon obturation of the renal collecting system during percutaneous ultrasonic lithotripsy, Pollack HM; Banner MP; Van Arsdalen KN, (AJR), 143: 305, 1984

CO<sub>2</sub> flush: new technique for percutaneous extraction of ureteral calculi, Young AT; Hunter DW; Lange PH; Lund GB; Castaneda-Zuniga WR; Hulbert JC; Mercado S; Cardella JF; Amplatz K, (Radiology), 154: 828, 1985

(Radiology), 134-325, 1945 colon perforation following percutaneous nephrostomy and renal calculus removal, LeRoy AJ; Williams HJ Jr; Bender CE; Segura JW; Patterson DE; Benson RC, (Radiology), 155: 83, 1985

combined treatment of branched calculi by percutaneous nephrolithotomy and extracorporeal shock wave lithotripsy, Schulze H; Hertle L; Graff J; et al, (Radiology), 161: 860, 1986

(Madiology), 161: 600, 1986 computed tomography of perirenal and pararenal inflammatory disease complicating renal calculi, Saksouk F; Tipton-Donovan A; Amis ES Jr; et al, (Radiology), 155: 284, 1985

CT demonstration of spontaneous extrusion of staghorn calculus, Breatnach E; Stanley RJ; Bueschen AJ, (JCAT), 10: 346, 1986

detection of renal calculi: value of tomography, Schwartz G; Lipschitz S; Becker JA, (AJR), 143: 143, 1984

Doppler and B-mode ultrasound for avascular nephrotomy, Riedmiller H; Thuroff J; Alken P; et al, (Radiology), **151**: 560, 1984

double puncture: effective percutaneou buble puncture: effective percutaneous technique for removing complex, multiple renal calculi, Mercado S; Hunter DW; Castaneda-Zuniga WR; Amplatz K; Young AT; Cardella JF; Lange PH; Hulbert JC; Reddy PK, (Radiology), 158: 207,

explosive nephrolithopaxy: reality or fiction?, Miller RA; Wickham JEA; Reynolds SE; et al, (Radiology), **154**: 273, 1985

extracorporeal shock wave lithotripsy (ESWL) for kidney stones. an alternative to surgery?, Chaussy C; Schmiedt E, (Radiology), 153: 847, 1984

extracorporeal shock wave lithotripsy: interventional radiologic solutions to associated problems, Tegtmeyer CJ; Kellum CD; Jenkins A; Gillenwater JY; Way WG; Barr J: Piros G; Springer R; Lippert MC; Wyker AW, (Radiology), 161: 587, 1986

extracorporeal shockwave lithotripsy: role of the radiologist, Barth KH; Pahira JJ; Elliott LP, (Radiology), 155: 835, 1985

extracorporeal shockwave lithotripsy: role of the radiologist, Bush WH; Gibbons RP, (Radiology), **158**: 855, 1986

extracorporeal shockwave lithotripsy: role of the radiologist: reply, Barth KH; Pahira JJ; Elliott LP, (Radiology), **158**: 855, 1986

in-bath filming during extracorporeal shock wave lithotripsy, Eusek JF; Bush WH; Burnett LL; Gibbons RP, (Radiology), **158**:

intraoperative localization of renal calculi by real-time ultrasonography, Merran S; Cariou G; Le Duc A; et al, (Radiology), 156: 282, 1985

late sequelae of ultrasonic lithotripsy of renal calculi, Marberger M; Stackl W; Hruby W; et al, (Radiology), **156**: 563, 1985

logical approach to renal stone removal, Coleman CC; Castaneda-Zuniga WR; Mille R; et al, (AJR), 143: 609, 1984

multiple percutaneous access routes to multiple calculi, calculi in caliceal diverticula, and staghorn calculi, Lang EK; Glorioso LW III, (Radiology), 158: 211, 1986

nephrolithiasis and cholelithiasis in a premature infant, Ramey SL; Williams JL, (JCU), 14: 203, 1986

nephrolithiasis: current concepts in medical management, Pahira JJ, (Radiology), 153: 846, 1984

nephrolithiasis in premature infants, Gilsanz V; Fernal W; Reid BS; Stanley P; Ramos A, (Radiology), **154**: 107, 1985

nephrolithotony: percutaneous removal of renal calculi, Clayman RV; Castaneda-Zuniga WR, (Radiology), **153**: 847, 1984

new self-developing film for intraoperative renal stone localization, Pahira JJ; Pollack HM, (Radiology), **157**: 564, 1985

obstructive migration of renal calculi following cyst aspiration, Cronan JJ; Messersmith RN; Amis ES Jr; Kidd DD, (Radiology), **152**: 317, 1984 parallel-tract push: adjuvant technique for

percutaneous removal of renal calix calculi, Bush WH; Brannen GE, (AJR), 143: 295, 1984

percutaneous approach to nephrolithiasis, Dunnick NR; Carson CC III; Moore AV Jr; et al, (AJR), 144: 451, 1985 percutaneous catheter dissolution of cystine calculi, Dretler SP; Pfister RC; Newhouse JH; et al, (Radiology), 153: 272, 1984

percutaneous chemolysis of renal calculi, Pfister RC; Dretler SP, (Radiology), 153: 848,

percutaneous extraction of renal and ureteral calculi: technical considerations, Pollack HM; Banner MP, (AJR), 143: 778,

percutaneous extraction of renal stones experience in 100 patients, Lee WJ; Loh G; Smith AD; et al, (AJR), 144: 457, 1985 percutaneous intrarenal electrosurgery, Clayman RV; Hunter DW; Surya V; et al, (Radiology), **154**: 560, 1985

percutaneous lithotripsy, Segura JW; Patterson DE; LeRoy AJ; et al, (Radiology), 152: 847, 1984

percutaneous lithotripsy of staghorn calculi, Adams GW; Oke EJ; Dunnick NR; et al, (AJR), **145**: 803, 1985

percutaneous nephrolithotomy: advances in equipment and endoscopic techniques, Miller RA; Wickham JEA, (Radiology), 154:

percutaneous nephrostolithotomy: application to staghorn calculi, Young AT; Hulbert JC; Cardella JF; et al, (AJR), 145: 1265, 1985

percutaneous nephrostolithotomy vs open surgery for renal calculi. comparative study, Preminger GM; Clayman RV; Hardeman SW; et al, (Radiology), 158: 281,

percutaneous removal of caliceal and other "inaccessible" stones: results, Reddy PK; Lange PH; Hulbert JC; et al, (Radiology), 155: 852, 1985

percutaneous removal of renal and ureteral calculi, Coleman CC; Clayman RV; Lange PH; Castaneda-Zuniga WR; Miller R; Reddy P; Hunter DW; Lung G; Amplatz K, (Radiographics), 5: 149, 1985

percutaneous removal of renal and ureteral calculi: experience with 400 cases, Reddy PK; Hulbert JC; Lange PH; et al, (Radiology), **158**: 859, 1986

percutaneous removal of renal caliceal calculi: alternative approach, Glanz S; Laungani GB; Gordon DH; et al, (Urol Radiol), 8: 40, 1986

percutaneous removal of renal staghorn calculi, Kerlan RK Jr; Kahn RK; LaBerge JM; et al, (AJR), 145: 797, 1985

percutaneous renal and ureteral stone removal, Kerlan RK Jr; Kahn RI; Ring EJ, (Radiology), 153: 848, 1984

(Radiology), 153: 646, 1764 percutaneous renal stone removal. use of carbon dioxide as contrast material, Salomonowitz E; Castaneda-Zuniga WR; Lange PH; Cragg AH; Lund G; Hunter DW; Coleman CC; Amplatz K, (Radiology), 150: 833, 1984

percutaneous techniques for the management of caliceal diverticula containing calculi, Hulbert JC; Reddy PK; Hunter DW; et al, (Radiology), 160: 285, 1986

percutaneous ultrasonic disintegration and removal of renal calculi, Nunn IN; Harewood LM; Hare WSC; et al, (Radiology), 152: 253, 1984

May GR; Segura JW; et al, (Radiol Clin North Am), 22: 427, 1984

percutaneous ultrasonic lithotripsy, LeRoy AJ; Segura JW, (AJR), 143: 785, 1984

percutaneous ultrasonic lithotripsy, Segura JW; LeRoy AJ, (Radiology), 154: 273, 1985

percutaneous ultrasonic lithotripsy of symptomatic renal calculi in children, Papanicolaou N; Pfister RC; Young HH; et al, (Pediatr Radiol), 16: 13,

percutaneous urolithotomy: the use of balloon catheters as an adjunct, Pollack HM; Banner MP, (Radiology), 152: 213, 1984

pneumopyelography: an adjunct to percutaneous nephrostomy and nephrolithotomy, Ricketts HJ; Rudd TG; Marcus VL; et al, (AJR), 143: 1093, 1984

marcus vi., et al., (AJR), 143: 1093, 1994 preoperative and postoperative cortical function of the kidney with staghorn calculi assessed by <sup>99m</sup>echnetium-dimercaptosuccinic acid renal scintigraphy, Kawamura J; Itoh H; Okada Y; et al., (Radiology), 151: 562, 1984

primary dissolution therapy of struvite calculi, Dretler SP; Pfister RC, (Radiology), 154: 560,

renal calcium deposition in children: sonographic demonstration of the Anderson-Carr progression, Patriquin H; Robitaille P, (AJR), 146: 1253, 1986

Robitaille P. (AJR.), 146: 1233, 1986 renal colic: the role of ultrasound in initial evaluation, Erwin BC; Carroll BA; Sommer FG, (Radiology), 152: 147, 1984 renal stone disease treated with extracorporeal shock wave lithotripsy: short-term observations in 100 patients, Grantham JR; Millner MR; Kaude JV; Finlayson B; Hunter PT II; Newman RC, (Radiology), 158: 203, 1986.

- renal stone shadowing: investigation of contributing factors, King W III; Kimme-Smith C; Winter J, (Radiology), **154**: 191,
- renal stone surgery using B-mode and Doppler ultrasonic scanning for stone localization and avascular nephrotomy, Thuroff JW; Alken P; Riedmiller H; et al, (Semin US CT MR), 6: 15, 1985
- retrograde nephrostomy for stone removal: combined cystoscopic/percutaneous technique, Hawkins IF Jr; Hunter PT; Leal G; et al, (AJR), 143: 299, 1984
- segmental nephrogram, Dyer R; Miller S; Anderson BL; et al, (AJR), 145: 321, 1985
- techniques in percutaneous removal of renal calculi. mechanical extraction and electrohydraulic lithotripsy, Clayman RV, (Radiology), 154: 273, 1985
- upper urinary tract calculi: extrusion into perinephric and periureteric tissues during percutaneous management, Verstandig AG; Banner MP; Van Arsdalen KN; Pollack HM, (Radiology), 158: 215, 1986
- use of computerized tomography in the delineation of uric acid calculi, Resnick MI; Kursh ED; Cohen AM, (Radiology), 153: 279,

- accuracy of computed tomography in staging of kidney tumors, Jaschke W; Kaick G; Peter S; et al, (Radiology), **150**: 614, 1984
- computed tomography appearance of fused (horseshoe) kidney, Siegfried MS; Rochester D, (Radiology), **151**: 555, 1984
- computed tomography demonstration of renal dysplasia with a vaginal ectopic ureter, Korogi Y; Takahashi M; Fujimura N; et al, (CT), 10: 273, 1986
- computed tomography in detection of occult hypernephroma, Raval B; Lamki N, (Radiology), **150**: 296, 1984
- computed tomography in the diagnosis of extramedullary plasmacytoma, Twomey BP; Katz D, (Radiology), **152**: 561, 1984
- computed tomography of acute radiation nephritis, Moore L; Curry NS; Jenrette JM III, (Urol Radiol), 8: 89, 1986
- computed tomography of acute renal abscess due to salmonella chester, Borrero GO; Jafri SZH; Vazquez PM; et al, (Comput Radiol), 10: 41, 1986
- computed tomography of end-stage renal transplant rejection, Curry NS; Frangos DN; Tague DF, (CT), 10: 51, 1986
- computed tomography of high density renal cysts in adult polycystic kidney disease, Meziane MA; Fishman EK; Goldman SM; et al, (JCAT), 10: 767, 1986
- computed tomography of internally calcified renal cysts, Love L; Yedlicka J, (AJR), **145**: 1225, 1985
- computed tomography of renal agenesis and ectopy, Hadar H; Gadoth N; Gillon G, (Radiology), **154**: 859, 1985
- computed tomography of renal tuberculosis and its pathological correlates, Goldman SM; Fishman EK; Hartman DS; et al, (JCAT), 9:
- computed tomography of the kidney, Dunnick NR; Korobkin M, (Radiol Clin North Am), 22: 297, 1984
- CT demonstration of aneurysms in polyarteritis nodosa, Wilms G; Oyen R; Waer M; et al, (JCAT), 10: 513, 1986
- CT demonstration of spontaneous extrusion of staghorn calculus, Breatnach E; Stanley RJ; Bueschen AJ, (JCAT), 10: 346, 1986
- CT findings in acute renal infarction, Hilton S; Bosniak MA; Raghavendra BN; et al, (Radiology), 157: 861, 1985
- CT of acquired cystic kidney disease and renal tumors in long-term dialysis patients, Levine E; Grantham JJ; Slusher SL; et al, (AJR), **142**: 125, 1984
- CT of trauma to the abnormal kidney, Rhyner P; Federle MP; Jeffrey RB Jr, (AJR), 142: 747, 1984
- CT of xanthogranulomatous pyelonephritis: radiologic-pathologic correlation, Goldman SM; Hartman DS; Fishman EK; et al, (AJR), 142: 963, 1984
- current radiological approach to renal cysts, Bosniak MA, (Radiology), **158**: 1, 1986 cystic renal cancers: CT characteristics, Parienty RA; Pradel J; Parienty I, (Radiology), **157**: 741, 1985

- delayed contrast enhancement in acute focal bacterial nephritis: CT features, Ishikawa I; Saito Y; Onouchi Z; et al, (JCAT), 9: 894,
- dynamic computed tomography in acute renal failure: analysis of time-density curve, Ishikawa I; Masuzaki S; Saito T; et al, (JCAT), 9: 1097, 1985
- dynamic CT in the evaluation of physiologic status of renal transplants, Fuld IL; Matalon TA; Vogelzang RL; et al, (AJR), 142: 1157, 1984
- "faceless kidney": CT sign of renal duplicity, Hulnick DH; Bosniak MA, (JCAT), 10: 771, 1986
- hemorrhagic focal bacterial nephritis: findings on gray-scale sonography and CT, Rigsby CM; Rosenfield AT; Glickman MG; et al. (AJR), 146: 1173, 1986
- high-density renal cysts in autosomal dominant polycystic kidney disease demonstrated by CT, Levine E; Grantham JJ, (Radiology), 154: 477, 1985
- hyperdense renal masses: a CT manifestation of hemorrhagic renal cysts, Sussman S; Cochran ST; Pagani JJ; McArdle C; Wong W; Austin RM; Curry N; Kelly KM, (Radiology), 150: 207, 1984
- late sequelae of percutaneous nephrostomy. work in progress, Hruby W; Marberger M, (Radiology), **152**: 383, 1984
- metastatic neoplasms to the kidney studied by computed tomography and sonography, Mitnick JS; Bosniak MA; Rothberg M; et al, (JCAT), 9: 43, 1985
- obstruction of the upper-pole moiety in renal duplication in adults: CT evaluation, Cronan JJ; Amis ES; Zeman RK; Dorfman GS, (Radiology), 161: 17, 1986
- renal dysplasia with a single vaginal ectopic ureter: the role of computerized tomography, Utsunomiya M; Itoh H; Yoshioka T; et al, (Radiology), 154: 859, 1985
- renal infarction: CT diagnosis and correlation between CT findings and etiologies, Wong WS; Moss AA; Federle MP; Cochran ST; London SS, (Radiology), **150**:
- renal trauma: radiological studies, Saibil EA, (Radiology), 158: 563, 1986
- (Radiology), 158: 563, 1986
  renal trauma: radiological studies, Kotval PS;
  Weingarten M, (Radiology), 158: 563, 1986
  renal trauma: radiological studies: comparison
  of urography, computed tomography,
  angiography, and radionuclide studies,
  Lang EK; Sullivan J; Frentz G, (Radiology),
  154: 1, 1985
- renal trauma: radiological studies: reply, Lang EK, (Radiology), **158**: 564, 1986
- renal vein thrombosis in patients with nephrotic syndrome: CT diagnosis, Gatewood OMB; Fishman EK; Burrow CR; Walker WG; Goldman SM; Siegelman SS, (Radiology), 159: 117, 1986
- retrograde opacification of the renal vein: CT sign of renal artery avulsion, Cates JD; Foley WD; Lawson TL, (Urol Radiol), 8: 92, 1986
- spontaneous and traumatic rupture of renal cysts: diagnosis and outcome, Papanicolaou N; Pfister RC; Yoder IC, (Radiology), **160**: 99, 1986
- suburothelial hemorrhage: value of preinfusion computed tomography, Kossol JM; Patel SK, (JCAT), 10: 157, 1986
- uriniferous pseudocyst: computed tomographic findings, Healy ME; Teng SS; Moss AA, (Radiology), 153: 757, 1984
- use of computerized tomography in the delineation of uric acid calculi, Resnick MI; Kursh ED; Cohen AM, (Radiology), 153: 279, 1984

#### Kidney, cysts

- acquired cystic disease of the kidney in patients on hemodialysis, Taves DH, (J Canad Assoc Radiol), 37: 161, 1986
- acquired renal cystic disease and renal neoplasms in hemodialysis patients, Cho C; Friedland GW; Swenson RS, (Radiology), 157: 849, 1985
- acquired renal cystic disease in the end stage kidney: urological implications, Brendler CB; Albertsen PC; Goldman SM; et al, (Radiology), **155**: 851,
- adult polycystic horseshoe kidney, Dobranowski J; Somers S; Pirani M, (J Canad Assoc Radicl), 37: 208, 1986

- advantage of indium-111 leukocytes over ultrasound in imaging an infected renal cyst, Fortner A; Taylor A Jr; Alazzaki N; et al, () Nucl Med), 27: 1147,
- antenatal diagnosis of ipsilateral multicystic kidney in identical twins, Filion R; Grignon A; Boisvert J, (J Ultrasound Med), 4: 211, 1985
- bilateral "milk of calcium" renal cysts: CT findings, Yashiro N; Yoshida H; Araki T, (JCAT), 9: 199, 1985
- calcified post-traumatic renal pseudotumour, Loughran CF; Ehmke FM, (Br J Radiol), 59: 515, 1986
- chronic renal failure: significant risk factor in the development of acquired renal cysts and renal cell carcinoma: case reports and review of the literature, Bretan PN Jr; Busch MP; Hricak H; et al, (Radiology), 161: 574, 1986
- computed tomography of high density renal cysts in adult polycystic kidney disease, Meziane MA; Fishman EK; Goldman SM; et al, (JCAT), 10: 767, 1986
- computed tomography of internally calcified renal cysts, Love L; Yedlicka J, (AJR), 145: 1225, 1985
- congenital hepatic fibrosis with saccular dilatation of intrahepatic bile ducts and infantile polycystic kidneys, Davies CH; Stringer DA; Whyte H; et al, (Pediatr Radiol), 16: 302, 1986
- CT of acquired cystic kidney disease and renal tumors in long-term dialysis patients, Levine E; Grantham JJ; Slusher SL; et al, (AJR), 142: 125, 1984
- CT of the hyperdense renal cyst: sonographic correlation, Zirinsky K; Auh YH; Rubenstein WA; et al, (AJR), **143**: 151, 1984
- current radiological approach to renal cysts, Bosniak MA, (Radiology), 158: 1, 1986 cystic dilatations of the upper urinary tract: a radiologist's developmental model, Mellins HZ, (Radiology), 153: 291, 1984
- vestic renal cancers: CT characteristics, Parienty RA; Pradel J; Parienty I, (Radiology), 157: 741, 1985 cystic renal mass evaluation: real-time versus static imaging, Weinreb JC; Arger PH; Coleman BG; et al. (JCU), 14: 29, 1986
- diagnostic evaluation of adult polycystic kidney disease in childhood, Walker FC Jr; Loney LC; Root ER; et al, (AJR), 142: 1273,
- fetal renal cystic disease: sonographic-pathologic correlation, Fong KW; Rahmani MR; Rose TH; et al, (AJR), **146**: 767,
- focal renal masses: magnetic resonance imaging, Choyke PL; Kressel HY; Pollack HM; Arger PM; Axel L; Mamourian AC, (Radiology), 152: 471, 1984
- high-density renal cysts in autosomal dominant polycystic kidney disease demonstrated by CT, Levine E; Grantham JJ, (Radiology), 154: 477, 1985
- hyperdense renal masses: a computed tomographic dilemma, Coleman BG; Arger PH; Mintz MC; et al, (AJR), 143: 291, 1984
- hyperdense renal masses: a CT manifestation of hemorrhagic renal cysts, Sussman S; Cochran ST; Pagani JJ; McArdle C; Wong W; Austin RM; Curry N; Kelly KM, (Radiology), 150: 207, 1984
- intrarenal epidermoid cyst, Duprat G Jr; Filiatrault D; Michaud J, (Pediatr Radiol), **16**: 73, 1986
- liver cysts in autosomal-dominant polycystic kidney disease: clinical and computed tomographic study, Levine E; Cook LT; Grantham JJ, (AJR), 145: 229, 1985
- MRI of hemorrhagic renal cysts in polycystic kidney disease, Hilpert PL; Friedman AC; Radecki PD; et al. (AJR), 146: 1167, 1986
- multicystic dysplastic kidney in utero: changing appearance on US, Hashimoto BE; Filly RA; Callen PW, (Radiology), 159: 107, 1986
- multicystic dysplastic kidney: observations of contralateral disease in the fetal population, Kleiner B, Filly RA; Mack LA; Callen PW, (Radiology), 161: 27, 1986
- multicystic dysplastic kidneys: spontaneous regression demonstrated with US, Pedicelli G; Jequier S; Bowen A; Boisvert J, (Radiology), 161: 23, 1986

- multicystic renal cell carcinoma, Clouse ME; Lee RGL; Evans DD, (Radiology), 150: 296, 1984
- obstructive migration of renal calculi following cyst aspiration, Cronan JJ; Messersmith RN; Amis ES Jr; Kidd DD, (Radiology), **152**: 317, 1984
- palliative punctures in polycystic liver and kidney disease under sonographic monitoring, Brockmann WP; Klapdor R, (Radiology), 158: 566, 1986
- renal cystic disease in childhood, Hayden CK Jr; Swischuk LE; Smith TH; Armstrong EA, (Radiographics), 6: 97, 1986
- significance of septations in a renal cyst, Rosenberg ER; Korobkin M; Foster WL Jr; et al, (AJR), **144:** 593, 1985
- simple renal cysts in infants, Steinhardt GF; Slovis TL; Perlmutter AD, (Radiology), 155: 349, 1985
- sonographic diagnosis of milk of calcium cyst of the kidney, Tscholakoff D; Czembirek H; Wittich G, (Radiology), **151**: 276, 1984
- sonographic distinction between neonatal multicystic kidney and hydronephrosis, Sanders RC; Hartman DS, (Radiology), 151: 621. 1984
- spectrum of sonographic findings in infantile polycystic kidney disease with urographic and clinical correlations, Melson GL; Shackelford GD; Cole BR; et al, (Radiology), 158: 283, 1986
- spontaneous and traumatic rupture of renal cysts: diagnosis and outcome, Papanicolaou N; Pfister RC; Yoder IC, (Radiology), 160: 99, 1986
- spontaneous cyst rupture on renal CT, Nussbaum A; Hunter TB; Stables DP, (AJR), 142: 751, 1984
- technetium-99m DISIDA imaging in autosomal-dominant polycystic kidney, Mishkin J; Makler PT Jr; Velchik MG; et al, (Clin Nucl Med), 11: 368, 1986
- ultrasonographic features of glomerulocystic disease in infancy: similarity to infantile polycystic kidney disease, Fitch SJ; Stapleton FB, (Pediatr Radiol), 16: 400, 1986
- uriniferous pseudocyst: computed tomographic findings, Healy ME; Teng SS; Moss AA, (Radiology), 153: 757, 1984

#### Kidney, diseases

- abnormal nephrogram, Dyer RB; Munitz HA; Bechtold R; Choplin RH, (Radiographics), 6: 1039, 1986
- acute renal rejection versus acute tubular necrosis in a canine model: MR evaluation, Rholl KS; Lee JKT; Ling D; Sicard GA; Griffith RC; Freeman M, (Radiology), 160: 113. 1986
- displaced calcium as a sign of transitional cell carcinoma in analgesic nephropathy, Marrocco F5; Leekam RN; Matzinger MA; et al, (J Canad Assoc Radiol), 37: 122, 1986
- imaging in inflammatory disease of the kidney, Morehouse HT; Weiner SN; Hoffman JC, (AJR), 143: 135, 1984
- increased renal cortical echogenicity in pediatric renal disease: histopathologic correlations, Brenbridge AN; Chevalier RL; Kaiser DL, (JCU), 14: 595, 1986
- juvenile nephronophthisis: sonographic appearance in children with severe uremia, Garel LA; Habib R, Pariente DM; Broyer M; Sauvegrain JH, (Radiology), 151: 93, 1984
- morphology, progression, and regression of arterial and periarterial calcifications in patients with end-stage renal disease, Meema HE; Oreopoulos DG, (Radiology), 158: 671, 1986
- nodular duodenitis. pathologic and clinical characteristics in patients with end-stage renal disease, Zuckerman GR, Mills BA; Koehler RE; et al, (Radiology), **152**: 549, 1984
- percutaneous renal ablation in patients with end-stage renal disease: alternative to surgical nephrectomy, Keller FS; Coyle M; Rosch J; Dotter CT, (Radiology), 159: 447, 1984
- perirenal cobwebs: the expanding CT differential diagnosis, Feuerstein IM; Zeman RK; Jaffe MH; et al, (JCAT), 8: 1128, 1984

- polycystic kidney disease and intracranial aneurysms: early angiographic diagnosis and early operation for the unruptured aneurysm, Wakabayashi T; Fujita S; Ohbora Y; et al, (Radiology), **150**: 290, 1984
- puddling: a distinguishing feature of adult polycystic kidney disease in the neonate, Hayden CK Jr; Swischuk LE; Davis M; et al, (AJR), 142: 811, 1984
- pulmonary manifestations of renal disease, Glorioso LW III; Lang EK, (Radiol Clin North Am), 22: 647, 1984
- renal amyloidosis: evaluation by gallium imaging, Lee VW; Skinner M; Cohen AS; et al, (Clin Nucl Med), 11: 642,
- renal complications of polyarteritis nodosa: CT findings, Hekali P; Kivisaari L; Standertskjold-Nordenstam C-G; et al, (JCAT), 9: 333, 1985
- renal ultrasound in acquired immune deficiency syndrome, Schaffer RM; Schwartz GE; Becker JA; Rao TKS; Shih YH, (Radiology), **153**: 511, 1984
- renal vein thrombosis in patients with nephrotic syndrome: CT diagnosis, Gatewood OMB, Fishman EK; Burrow CR; Walker WG; Goldman SM; Siegelman SS, (Radiology), 159: 117, 1986
- sonography of systemic lupus nephritis, Stanley JH; Cornella R; Loevinger E; et al, (AJR), 142: 1165, 1984
- sonography of tuberculous kidney, Schaffer RM; Becker JA; Goodman J, (Radiology), **151:** 560, 1984
- streptokinase therapy: complications of intraarterial use, Lang EK, (Padiology), 154: 75, 1985
- transient acute tubular disease in a newborn and a young infant: sonographic findings, Filiatrault D; Perreault G, (J Ultrasound Med), 4: 257, 1985
- ultrasonographic diagnosis of medullary cystic disease, Rego JD Jr; Laing FC; Jeffrey RB Jr, (Radiology), **152**: 867, 1984
- ultrasonographic evaluation of the renal parenchyma in infancy and childhood, Hayden CK Jr; Santa-Cruz FR; Amparo EG; Brouhard B; Swischuk LE; Ahrendt DK, (Radiology), **152**: 413, 1984

#### Kidney, diverticula

- percutaneous techniques for the management of caliceal diverticula containing calculi, Hulbert JC; Reddy PK; Hunter DW; et al, (Radiology), **160**: 285, 1986
- sonography of milk of calcium in a calyceal diverticulum: a case report, Leekam RN; Matzinger MA; Keresteci AG, (Radiology), 153: 859, 1984

# Kidney, dysplasia

- computed tomography demonstration of renal dysplasia with a vaginal ectopic ureter, Korogi Y; Takahashi M; Fujimura N; et al, (CT), 10: 273, 1986
- ectopic ureter and ureterocele: their varied sonographic manifestations, Nussbaum AR; Dorst JP; Jeffs RD; Gearhart JP; Sanders RC, (Radiology), **159**: 227, 1986
- fetal renal dysplasia: sonographic evaluation, Mahony BS; Filly RA; Callen PW; Hricak H; Golbus MS; Harrison MR, (Radiology), 152: 143, 1984
- renal dysplasia with a single vaginal ectopic ureter: the role of computerized tomography, Utsunomiya M; Itoh H; Yoshioka T; et al., (Radiology), 154: 859, 1985
- reversible renal fibromuscular dysplasia, Nemcek AA Sr; Holmburg CE, (AJR), 147: 737, 1986

### Kidney, edema

submucosal edema of the collecting system: new ultrasonic sign of severe, acute renal allograft rejection: clinical note, Birnholz JC; Merkel FK, (Radiology), 154: 190, 1985

#### Kidney, effects of drugs on

- contrast agent nephrotoxicity. an appraisal, Dawson P, (Radiology), **157**: 568, 1985
- effects of contrast media on renal function and subcellular morphology in the dog, Katzberg RW; Pabico RC; Morris TW; et al, (Invest Radiol), 21: 64, 1986
- nephrolithiasis in premature infants, Gilsanz V; Fernal W; Reid BS; Stanley P; Ramos A, (Radiology), **154**: 107, 1985

- renal damage in mice after treatment with cisplatinum alone or in combination with xirradiation, Stewart F; Bohlken S; Begg A; et al, (Int J Radiat Oncol Biol Phys), 12: 927, 1986
- renal ultrasound in acquired immune deficiency syndrome, Schaffer RM; Schwartz GE; Becker JA; Rao TKS; Shih YH, (Radiology), 153: 511, 1984

#### Kidney, effects of irradiation on

- computed tomography of acute radiation nephritis, Moore L; Curry NS; Jenrette JM III, (Urol Radiol), 8: 89, 1986
- late radiation response of kidney assayed by tubule-cell survival, Withers HR; Mason KA; Thames HD Jr, (Br J Radiol), 59: 587, 1986
- radiation therapy of lymphoblastic renal masses—benefit or hazard?, Saarinen UM, (Radiology), 155: 511, 1985
- renal damage in mice after treatment with cisplatinum alone or in combination with xirradiation, Stewart F; Bohlken S; Begg A; et al, (Int J Radiat Oncol Biol Phys), 12: 927, 1986

#### Kidney, failure

- acquired renal cystic disease in the end stage kidney: urological implications, Brendler CB; Albertsen PC; Goldman SM; et al, (Radiology), 155: 851, 1985
- acute pancreatitis associated with end-stage renal disease, Van Dyke JA; Rutsky EA; Stanley RJ, (Radiology), **160**: 403, 1986
- acute renal dysfunction after major arteriography, Gomes AS; Baker JD; Martin-Paredero V; et al, (AJR), 145: 1249, 1985
- bilateral metachronous xanthogranulomatous pyelonephritis in end-stage renal failure, Golomb J. Solomon A; Peer G; et al, (Urol Radiol), 8: 95, 1986
- bladder mucosal tears during voiding cystourethrography in chronic renal failure, Matsumoto AH; Clark RL; Cuttino JT Jr, (Urol Radiol), 8: 81, 1986
- Budd-Chiari syndrome and renal failure in Behcet disease. report of a case and review of the literature, Wilkey D; Yocum DE; Oberley TD; et al, (Radiology), 153: 561, 1984
- calcification of the heart: rare manifestation of chronic renal failure, de Moraes CR, (Pediatr Radiol), 16: 422, 1986
- chronic renal failure: significant risk factor in the development of acquired renal cysts and renal cell carcinoma: case reports and review of the literature, Bretan PN Jr; Busch MP; Hricak H; et al, (Radiology), 161: 574, 1986
- comparative microangiographic studies of glycerol- and mercuric chloride-induced renal failure in rats, Clark RL, Hillman BH; Tracey P; et al, (Radiology), 153: 847, 1984
- comparison of imaging methods for diagnosing enlarged parathyroid glands in chronic renal failure, Takagi H; Tominaga Y; Uchida K; et al, (JCAT), 9: 733, 1985
- computed tomography of acute renal failure secondary to rhabdomyolysis, Mangano FA; Zaontz M; Pahira JJ; et al, (JCAT), 9: 777, 1985
- diagnostic role of intravenous urography in acute and chronic renal failure, Keeton GR; Pillay GP, (Urol Radiol), 8: 72, 1986
- digoxin-like substance in term pregnancy, newborns, and renal failure, Witherspoon L; Shuler S; Alyea K; et al. (J Nucl Med), 27: 1418, 1986
- dynamic computed tomography in acute renal failure: analysis of time-density curve, Ishikawa I; Masuzaki S; Saito T; et al, (JCAT), 9: 1097, 1985
- failure to visualize acutely injured kidneys with technetium-99m DMSA does not preclude recoverable function, Taylor A Jr; Akiya F; Gregory MC, (J Nucl Med), 27: 377, 1986
- fatal outcome after ethanol renal ablation in child with end-stage kidneys, Garel L; Mareschal JL; Gagnadoux MF; et al, (AJR), 146: 593, 1986
- nondilated obstructive acute renal failure: diagnostic procedures and therapeutic management, Maillet PJ; Pelle-Francoz D; Laville M; Gay F; Pinet A, (Radiology), 160: 650 1986

nondilated obstructive uropathy: percutaneous nephrostomy performed to reverse renal failure, Naidich JB; Rackson ME; Mossey RT; Stein HL, (Radiology), 160: 653, 1986

proton MR study of different types of experimental acute renal failure in rats, Iaina A; Abrashkin S; Weininger J, (Magn Res Imag), 4: 241, 1986

radioclinical evaluation of a new contrast medium for intravenous urography in renal failure, Chevrot L; Sarrat P; Martin-Bouveyron C; et al, (Radiology), **152**: 845,

recognition of renal osteodystrophy on bone imaging, Eggleston DE; Bartold K; Abghari R, (Clin Nucl Med), 11: 543, 1986

renal allografts: evaluation by MR imaging, Hricak H; Terrier F; Demas BE, (Radiology), 159: 435, 1986

renal subcapsular rim sign: radionuclide pattern, Howman-Giles R; Gett M; Roy P, (Clin Nucl Med), 11: 285, 1986

risk of renal failure after major angiography, Martin-Paredero V; Dixon SM; Baker JD; et al, (Radiology), **152**: 841, 1984

sonographic findings in myoglobinuric renal failure and their clinical implications, Pardes JG; Auh YH; Kazam E, (Radiology), 152: 867, 1984

sonography case of the day, Feinberg SB; Crass JR; Kirkham J, (AJR), 144: 1303, 1985

technetium-99m pyrophosphate imaging in acute renal failure associated with nontraumatic rhabdomyolysis, Patel R; Mishkin FS, (AJR), 147: 815, 1986

ultrasonographic diagnosis of medullary cystic disease, Rego JD Jr; Laing FC; Jeffrey RB Jr, (Radiology), 152: 867, 1984

uremic pleural effusion detected on radionuclide renogram, Abdel-Dayem HM; Nawaz MK; Suhaili AR; et al, (Clin Nucl Med), 11: 196, 1986

Kidney, function

calculation of relative glomerular filtration rate and correlation with delayed technetium-99m DMSA imaging, Taylor A IT; Kipper M; Witztum K, (Clin Nucl Med), 11: 28, 1986

Nucl Med) 11: 26, 19:06 comparison between four simple methods for measuring glomerular filtration rate using technetium-99m DTPA, Ginjaume M; Casey M; Barker F; et al, (Clin Nucl Med), 11: 647, 1986

comparison of simplified and standard methods for the measurement of glomerular filtration rate and renal tubular function, Notghi A; Merrick MY; Ferrington C; et al, (Br J Radiol), 59: 35, 1986

determination of glomerular filtration rate by single-plasma sampling technique following injection of radioiodinated diatrizoate, Tauxe WN, (J Nucl Med), 27: 45, 1986

differential renal function in unilateral renal injury: possible effects of radiopharmaceutical choice, Taylor A Jr; Lallone R, (Radiology), **158**: 569, 1986

glomerular filtration rate in children: determination from the Tc-99m-DTPA renogram, Shore RM; Koff SA; Mentser M; Hayes JR; Smith SP; Smith JP; Chesney RW, (Radiology), 151: 627, 1984

regional function in a kidney with duplex collecting system, Ramanna L; Moser L, (Clin Nucl Med), 11: 53, 1986

visual determination of differential renal function, Kipper MS; Witztum KF; Taylor A Jr, (Clin Nucl Med), 11: 313, 1986

# Kidney, hematoma

See Kidney, hemorrhage

Kidney, hemorrhage

bridging septa of the perinephric space: anatomic, pathologic, and diagnostic considerations, Kunin M, (Radiology), **158**:

hyperdense renal masses: a CT manifestation of hemorrhagic renal cysts, Sussman S; Cochran ST; Pagani JJ; McArdle C; Wong W; Austin RM; Curry N; Kelly KM, (Radiology), 150: 207, 1984

In-111 labeled leukocytes: review of problems in image interpretation, McAfee JG; Samin A, (Radiology), 155: 221, 1985

radiographic manifestations of spontaneous renal sinus hemorrhage, Fishman MC; Pollack HM; Arger PH; et al, (AJR), 142:

retroperitoneal hemorrhage after percutaneous nephrostomy, Cronan JJ; Dorfman GS; Amis ES Jr; et al, (AJR), **144**:

suburothelial hemorrhage: value of preinfusion computed tomography, Kossol JM; Patel SK, (JCAT), 10: 157, 1986

suprarenal haematoma versus neuroblastoma complicated by haemorrhage: diagnostic dilemma in the newborn, Eklof O; Mortensson W; Sandstedt B, (Acta Radiol [Diagn]), 27: 3, 1986

Kidney, hypertrophy compensatory renal hypertrophy after donor nephrectomy, Tapson JS; Owen JP; Robson RA; et al. (Radiology), 157: 564, 1985

diabetes mellitus: the predominant cause of bilateral renal enlargement, Segel MC; Lecky JW; Slasky BS, (Radiology), 153: 341,

Sonography of renal columnar hypertrophy, Leekam RN; Matzinger MA; Brunelle M; et al, (Radiology), **152**: 564, 1984

Kidney, infarction

chemical ablation of the canine kidney using sodium tetradecyl sulfate (Sotradecol): histopathologic study, Griffin DJ; Oke EJ; Cho KJ; et al, (Invest Radiol), 21: 217, 1986

Cri findings in acute renal infarction, Hilton S; Bosniak MA; Raghavendra BN; et al, (Radiology), 157: 861, 1985 gas without abscess in renal tumour embolization, Weber J; Dociu N; Zabel G, (Radiology), 154: 272, 1985

intravascular contrast agents suitable for magnetic resonance imaging, Runge VM; Clanton JA; Herzer WA; Gibbs SJ; Price AC; Partain CL; James AE Jr, (Radiology), 153:

renal infarction: computerized tomographic

appearance with angiographic correlation, Appearance with angiographic correlation, Reagan K; Beckmann CF; Larsen CR; et al. (Radiology), 155: 284, 1985 renal infarction: CT diagnosis and correlation between CT findings and etiologies, Wong WS; Moss AA; Federle MP; Cochran ST; London SS, (Radiology), 150:

Kidney, infection

emphysema in the renal allograft, Potter JL; Sullivan BM; Flournoy JG; Gerza C, (Radiology), 155: 51, 1985

inflammatory disease of the kidney, Morehouse HT; Weiner SN; Hoffman-Tretin JC, (Semin US CT MR), 7: 246, 1986 kidney, Melson GL, (Clin Diagn Ultrasound), 14: 189, 1984

neonatal renal candidiasis: sonographic diagnosis, Kintanar C; Cramer BC; Reid WD; et al, (AJR), **147**: 801, 1986

primary renal candidiasis in two preterm neonates. report of cases and review of literature on renal candidiasis in infancy, Pappu LD; Purohit DM; Bradford BF; et al, (Radiology), **156**: 859, 1985

renal candidiasis of the infant: ultrasound evaluation, Cohen HL; Haller JO; Schechter S; et al, (Urol Radiol), 8: 17, 1986

renal ultrasound in acquired immune deficiency syndrome, Schaffer RM; Schwartz GE; Becker JA; Rao TKS; Shih YH, (Radiology), 153: 511, 1984

Kidney, inflammation See Nephritis

Kidney, injuries

calcified post-traumatic renal pseudotumour, Loughran CF; Ehmke FM, (Br J Radiol), **59**: 515, 1986

CT of trauma to the abnormal kidney, Rhyner P; Federle MP; Jeffrey RB Jr, (AJR), 142: 747, 1984

differential renal function in unilateral renal injury: possible effects of radiopharmaceutical choice, Taylor A Jr; Lallone R, (Radiology), 198: 569, 1986

imaging examinations in the management of renal trauma, Lang EK, (Semin US CT MR), 6: 100, 1985

renal trauma: radiological studies, Saibil EA, (Radiology), 158: 563, 1986

renal trauma: radiological studies, Kotval PS; Weingarten M, (Radiology), **158**: 563, 1986

weingatten in, (Nationaly), 136, 356, 1366 renal trauma: radiological studies: comparison of urography, computed tomography, angiography and radionuclide studies, Lang EK; Sullivan J; Frentz G, (Radiology),

renal trauma: radiological studies: reply, Lang EK, (Radiology), 158: 564, 1986

uriniferous pseudocyst: computed tomographic findings, Healy ME; Teng SS; Moss AA, (Radiology), 153: 757, 1984

Kidney, MR studies

acute renal rejection versus acute tubular necrosis in a canine model: MR evaluation, Rholl KS; Lee JKT; Ling D; Sicard GA; Griffith RC; Freeman M, (Radiology), 160:

chemical shift misregistration effect in magnetic resonance imaging, Soila KP; Viamonte M Jr; Starewicz PM, (Radiology), 153: 819, 1984

contrast enhancement of magnetic resonance images by chromium EDTA: an experimental study, Runge VM; Foster MA; Clanton JA; Jones MM; Lukehart CM; Hutchison JMS; Mallard JR; Smith FW; Partain CL; James AE Jr, (Radiology), 152: 123, 1984

diagnostic value of renal cortex-to-medulla contrast on magnetic resonance images, Terrier F; Hricak H; Justich E; et al, (Eur J Radiol), 6: 121, 1986

dynamic digital subtraction imaging using fast low-angle shot MR movie sequences, Haase A; Matthaei D; Hanicke W; Frahm J, (Radiology), 160: 537, 1986

(Radiology), 100: 537, 1986 fast-field-echo MR imaging with Gd-DTPA: physiologic evaluation of the kidney and liver, Pettigrew RI; Avruch L; Dannels W; Coumans J; Bernardino ME, (Radiology), 160: 561, 1986

focal renal masses: magnetic resonance imaging, Choyke PL; Kressel HY; Pollack HM; Arger PM; Axel L; Mamourian AC, (Radiology), 152: 471, 1984

kidneys in infants and children: evaluation with MR, Dietrich RB; Kangarloo H, (Radiology), 159: 215, 1986

magnetic resonance appearance of the kidneys in paroxysmal nocturnal hemoglobinuria, Lupetin AR, (Urol Radiol), 8: 101, 1986

magnetic resonance evaluation of hydronephrosis in the dog, Thickman DI; Kundel HL; Biery D, (Radiology), **152**: 113,

magnetic resonance imaging following unilateral occlusion of the renal circulation in rabbits, Yuasa Y; Kundel HL, (Radiology), 154: 151, 1985

magnetic resonance imaging of renal transplants, Geisinger MA; Risius B; Jordan ML; et al, (AJR), 143: 1229, 1984

magnetic resonance imaging of the kidney, LiPuma JP, (Radiol Clin North Am), 22: 925,

magnetic resonance imaging of the kidneys, Newhouse JH; Markisz JA; Kazam E, (Cardiovasc Intervent Radiol), 8: 351, 1986

magnetic resonance imaging of the kidneys, Leung AW-L; Bydder GM; Steiner RE; et al, (AJR), 143: 1215, 1984

MR imaging of the kidney, Hricak H; Newhouse JH, (Radiol Clin North Am), 22: 287, 1984

MR imaging of xanthogranulomatous pyelonephritis, Mulopulos GP; Patel SK; Pessis D, (JCAT), 10: 154, 1986

MRI of hemorrhagic renal cysts in polycystic kidney disease, Hilpert PL; Friedman AC; Radecki PD; et al, (AJR), 146: 1167, 1986

MRI of the kidneys, Leung AWL, (Semin US CT MR), 7: 259, 1986

MRI of the kidneys in paroxysmal nocturnal hemoglobinuria, Mulopulos GP; Turner DA; Schwartz MM; et al, (AJR), 146: 51, 1986

proton MR study of different types of experimental acute renal failure in rats, Iaina A; Abrashkin 5; Weininger J, (Magn Res Imag), 4: 241, 1986

renal allografts: evaluation by MR imaging, Hricak H; Terrier F; Demas BE, (Radiology), 159: 435, 1986

sickle-cell nephropathy: MR imaging, Lande IM; Glazer GM; Sarnaik S; Aisen AM; Rucknagel D; Martel W, (Radiology), **158**: 379, 1986

Kidney, necrosis

acute renal rejection versus acute tubular necrosis in a canine model: MR evaluation, Rholl KS; Lee JKT; Ling D; Sicard GA; Griffith RC; Freeman M, (Radiology), 160: 113, 1986

- experimental acute tubular necrosis: US appearance, Rosenfield AT; Zeman RK; Cicchetti DV; Siegel NJ, (Radiology), 157: 771. 1985
- renal allografts: evaluation by MR imaging, Hricak H; Terrier F; Demas BE, (Radiology), 159: 435, 1986
- sonography of acute renal cortical necrosis, Setczek RJ; Beckman I; Lupetin AR; et al, (AJR), 142: 553, 1984
- usefulness of renal ultrasonography for assessment of severity and course of acute tubular necrosis, Nomura G; Kinoshita E; Yamagata Y; et al, (Radiology), 153: 859, 1984

#### Kidney, nephroscopy

physical characteristics of percutaneous nephroscopes, Khasidy LR; Ansong K; Smith AD, (Radiology), **158**: 569, 1986

#### Kidney, parenchymal pattern

- renal parenchyma in infancy and childhood: US characteristics, Turner PA; Johnson JF, (Radiology), **157**: 837, 1985
- renal parenchyma in infancy and childhood: US characteristics: reply, Hayden CK Jr; Swischuk LE, (Radiology), **157**: 837, 1985

# Kidney, percutaneous drainage

- percutaneous drainage access: simplified coaxial technique, vanSonnenberg E; Wittich GR; Schiffman HR; Cabrera OA; Willson SA; Quinn SF; Casola G; Hayne LA; Polansky AD, (Radiology), 159: 266, 1986
- percutaneous drainage of renal abscess, Hu K-N; Woldesemait A; Rao MG, (Radiology), 154: 560, 1985
- percutaneous drainage of renal abscesses, Cronan JJ; Amis ES Jr; Dorman GS, (AJR), 142: 351, 1984
- percutaneous techniques for the management of urological renal transplant complications, Streem 5B; Novick AC; Steinmuller DR; et al, (Radiology), 160: 573, 1086.

#### Kidney, percutaneous nephrostomy

- carbon dioxide as a lighter-than-urine contrast medium for percutaneous nephrostomy, Hunter DW; Salomonowitz E; Castaneda-Zuniga WR; Young AT; Mercado S; Amplatz K, (Radiology), 152: 211, 1984
- CO<sub>2</sub> flush: new technique for percutaneous extraction of ureteral calculi, Young AT; Hunter DW; Lange PH; Lund GB; Castaneda-Zuniga WR; Hulbert JC; Mercado S; Cardella JF; Amplatz K, (Radiology), 154: 828, 1985
- colon perforation following percutaneous nephrostomy and renal calculus removal, LeRoy AJ; Williams HJ Jr; Bender CE; Segura JW; Patterson DE; Benson RC, (Radiology), 155: 83, 1985
- combined percutaneous and extracorporeal shock wave lithotripsy for staghorn calculi: an alternative to anatrophic nephrolithotomy, Kahnoski RJ; Lingeman JE; Coury TA; et al, (Radiology), 160: 857, 1986
- complications of percutaneous nephrostolithotomy, Dunnick NR; Carson CC III; Braun SD; Miller GA; Cohan R; Degesys GE; Illescas FF; Newman GE; Weinerth JL, (Radiology), **157**: 51, 1985
- Druy ureteral stent set: clinical experience in 25 patients, Rozenblit G; Tarasov E; Srur MF; Neithamer CD Jr; Sumers EH; Sos TA, (Radiology), 160: 737, 1986
- effect of percutaneous nephrostolithotomy on renal function, Mayo ME; Krieger JN; Rugg TC, (Radiology), 156: 564, 1985
- endourology, Segura JW, (Radiology), **156**: 271, 1985
- failure in placement of trocar-mounted catheters, Gray RR; St. Louis EL; Grosman H, (J Canad Assoc Radiol), 37: 102, 1986
- fascial dilator for percutaneous drainage procedures, Casal GL, (Radiology), **155**: 833, 1985
- fractured catheter: unusual complication of percutaneous nephrostomy, Benson KH; Watson RA; Deshon GE Jr; et al, (Radiology), 150: 858, 1984
- Hawkins-Hunter retrograde transcutaneous nephrostomy: a new technique, Hunter PT; Hawkins IF Jr; Finlayson B; et al, (Radiology), 152: 847, 1984

- indwelling ureteral stents: percutaneous management of complications, LeRoy AJ; Williams HJ Jr; Segura JW; Patterson DE; Benson RC Jr, (Radiology), **158**: 219, 1986
- intercostal-space nephrostomy for percutaneous stone removal, Picus D; Weyman PJ; Clayman RV; et al, (AJR), 147: 393, 1986
- interventional radiologic procedures in the renal transplant, Curry NS; Cochran S; Barbaric ZL; Schabel SI; Pagani JJ; Kangarloo H; Diament M; Gobien RP; Vujic I, (Radiology), **152**: 647, 1984
- interventional radiology in infants and children: clinical and technical aspects, Diament MJ; Boechat MI; Kangarloo H, (Radiology), **154**: 359, 1985
- late sequelae of percutaneous nephrostomy, work in progress, Hruby W; Marberger M, (Radiology), **152**: 383, 1984
- logical approach to renal stone removal, Coleman CC; Castaneda-Zuniga WR; Mille R; et al, (AJR), 143: 609, 1984
- morphologic and functional changes in the kidney after percutaneous nephrostolithotomy, Schiff RG; Lee WJ; Eshghi M; et al, (AJR), 147: 283, 1986
- morphologic changes following nephrostomy track dilatation: experimental investigation in the pig. Ivancev K; Ekelund L; Jonsson N, (Acta Radiol [Diagn]), 27: 123, 1986
- multiple percutaneous access routes to multiple calculi, calculi in caliceal diverticula, and staghorn calculi, Lang EK; Glorioso LW III, (Radiology), 158: 211, 1986
- multipurpose coaxial needle used for percutaneous nephrostomy, Baltaxe HA; Mitty HA; Pollack HM, (Radiology), 153: 259, 1984
- nephro-duodenal fistula: complication of percutaneous nephrolithotomy, Culkin DJ; Wheeler JS Jr; Canning JR, (Radiology), 158: 858. 1986
- nondilated obstructive acute renal failure: diagnostic procedures and therapeutic management, Maillet PJ; Pelle-Francoz D; Laville M; Gay F; Pinet A, (Radiology), 160: 659, 1986
- nondilated obstructive uropathy: percutaneous nephrostomy performed to reverse renal failure, Naidich JB; Rackson ME; Mossey RT; Stein HL, (Radiology), 160: 653, 1986
- obstructed calycocystostomy site in association with a transplanted kidney: percutaneous management, Cardella JF; Hunter DW; Hulbert JC; Young AT; Castaneda-Zuniga WR; Amplatz K, (Radiology), 156: 67, 1985
- pain control: comparison of percutaneous and operative nephrolithotomy, Rittenberg MH; Koolpe H; Keeler L; et al. (Radiology), 157: 564, 1982
- parallel-tract push: adjuvant technique for percutaneous removal of renal calix calculi, Bush WH; Brannen GE, (AJR), 143: 295, 1984
- pediatric percutaneous nephrostomy: experience with 50 patients, Stanley P; Diament MJ, (Radiology), **161:** 863, 1986
- percutaneous biopsy and drainage procedures in the abdomen using a modified coaxial technique, McGahan JP, (Radiology), 153: 257, 1984
- percutaneous chemolysis of renal calculi, Pfister RC; Dretler SP, (Radiology), **153**: 848, 1984
- percutaneous extraction of renal and ureteral calculi: technical considerations, Pollack HM; Banner MP, (AJR), 143: 778, 1984
- percutaneous management of the urological complications of renal transplantation, Voegeli DR; Crummy AB; McDermott JC; Jensen SR; Montague TL, (Radiographics), 6: 1007, 1986
- percutaneous nephrolithotomy: analysis of 500 consecutive cases, Lee WJ; Smith AD; Cubelli V; et al, (Urol Radiol), 8: 61, 1986
- percutaneous nephrostolithotomy: application to staghorn calculi, Young AT; Hulbert JC; Cardella JF; et al, (AJR), 145: 1265, 1985

- percutaneous nephrostolithotomy vs open surgery for renal calculi. comparative study, Preminger GM; Clayman RV; Hardeman SW; et al, (Radiology), 158: 281, 1986
- percutaneous nephrostomy, Reznek RH; Talner LB, (Radiol Clin North Am), 22: 393, 1984
- percutaneous nephrostomy and maintenance of nephrostomy drainage, Roven SJ; Rosen RJ, (Radiology), **154**: 273, 1985
- percutaneous nephrostomy for stone removal, LeRoy AJ; May GR; Bender CE; Williams HJ Jr; McGough PF; Segura JW; Patterson DE, (Radiology), **151**: 607, 1984
- percutaneous nephrostomy for urinary tract obstruction, Barbaric ZL, (AJR), 143: 803, 1984
- percutaneous nephrostomy in neonates and infants, LiPuma JP; Haaga JR; Bryan PJ; et al, (Radiology), 156: 271, 1985
- percutaneous nephrostomy in neonates, infants, and children, Winfield AC; Kirchner SG; Brun ME; Mazer MJ; Braren HV; Kirchner FK Jr, (Radiology), 151: 617, 1984.
- percutaneous nephrostomy using 22-gauge needle technique, Park HC; Wajsman LZ; Jennings EC; et al, (Radiology), 153: 848,
- percutaneous removal of caliceal and other "inaccessible" stones: instruments and techniques, Lange PH; Reddy PK; Hulbert JC; et al, (Radiology), **156**: 271, 1985
- percutaneous removal of renal and ure tracalculi: experience with 400 cases, Reddy PK; Hulbert JC; Lange PH; et al. (Radiology), 158: 859, 1986
- percutaneous removal of renal caliceal calculi: alternative approach, Glanz S; Laungani GB; Gordon DH; et al, (Urol Radiol), 8: 40, 1986
- percutaneous removal of renal staghorn calculi, Kerlan RK Jr; Kahn RK; LaBerge JM; et al, (AJR), 145: 797, 1985 percutaneous removal of ureteral stents.
- Boren SR; Dotter CT; McKinney M; Rosch J, (Radiology), 152: 230, 1984 percutaneous stone extraction from 200
- patients, White EC; Smith AD, (Radiology), 155: 853, 1985 percutaneous studies of the upper urinary tract
- percutaneous studies of the upper urinary tract in children, with special emphasis on infants, Riedy MJ; Lebowitz RL, (Radiology), 160: 231, 1986
- percutaneous ultrasonic disintegration and removal of renal calculi, Nunn IN; Harewood LM; Hare WSC; et al, (Radiology), 152: 253, 1984
- pneumopyelography: an adjunct to percutaneous nephrostomy and nephrolithotomy, Ricketts HJ; Rudd TG; Marcus VL; et al, (AJR), 143: 1093, 1984
- primary dissolution therapy of struvite calculi, Dretler SP; Pfister RC, (Radiology), **154**: 560, 1985
- radiation dose to personnel during percutaneous renal calculus removal, Bush WH; Jones D; Brannen GE, (AJR), 145: 1261, 1985
- rapid dilatation of percutaneous nephrostomy tracks, LeRoy AJ; May GR; Segura JW; et al, (AJR), 142: 355, 1984
- re-entry nephrostomy catheter for endourological applications, Khasidy LR; Smith AD, (Radiology), **156**: 564, 1985
- renal arterial injury associated with percutaneous nephrostomy, Harris RD; Walther PC, (Radiology), 153: 272, 1984 retrograde pentrostomy for stone removal
- retrograde nephrostomy for stone removal: combined cystoscopic/percutaneous technique, Hawkins IF Jr; Hunter PT; Leal G; et al. (AJR), 143: 299, 1984
- retroperitoneal hemorrhage after percutaneous nephrostomy, Cronan JJ; Dorfman GS; Amis ES Jr; et al. (AJR), 144: 801, 1985
- upper ureteral calculi: extraction via percutaneous nephrostomy, Bush WH; Brannen GE; Lewis GP; et al, (AJR), 144: 795, 1985
- upper urinary tract calculi: extrusion into perinephric and periureteric tissues during percutaneous management, Verstandig AG; Banner MP; Van Arsdalen KN; Pollack HM, (Radiology), 158: 215, 1986

# Kidney, radiography

abnormal nephrogram, Dyer RB; Munitz HA; Bechtold R; Choplin RH, (Radiographics), 6: 1039, 1986

- evolution of renal segmental atrophy (Ask-Upmark kidney) in children with vesicoureteric reflux: radiographic and morphologic studies, Shindo S; Bernstein J; Arant BS Jr, (Radiology), **151**: 263, 1984
- in-bath filming during extracorporeal shock wave lithotripsy, Eusek JF; Bush WH; Burnett LL; Gibbons RP, (Radiology), **158**:
- intraoperative 3-dimensional radiography of the kidney: modified technique, Gil-Vernet JM; Culla A, (Radiology), **156**: 267,
- segmental nephrogram, Dyer R; Miller S; Anderson BL; et al, (AJR), 145: 321, 1985
- Kidney, radionuclide studies
- advantage of indium-111 leukocytes over ultrasound in imaging an infected renal cyst, Fortner A; Taylor A Jr; Alazraki N; et al, (J Nucl Med), 27: 1147, 1986
- asymmetric horseshoe kidney in the infant: value of renal nuclear scanning, Grandone CH; Haller JO; Berdon WE; Friedman AP, (Radiology), 154: 366, 1985
- bilateral urinothorax identified by technetium-99m DPTA renal imaging, Ralston MD; Wilkinson RH Jr, (J Nucl Med),
- calculation of relative glomerular filtration rate and correlation with delayed technetium-99m DMSA imaging, Taylor A Jr. Kipper M; Witztum K, (Clin Nucl Med), 11: 28, 1986
- comparison between four simple methods for measuring glomerular filtration rate using technetium-99m DTPA, Ginjaume M; Casey M; Barker F; et al, (Clin Nucl Med), 11: 647, 1986
- comparison of iodine-131 OIH and technetium-99m MAG<sub>3</sub> renal imaging in volunteers, Taylor A Jr; Eshima D; Fritzberg AR; et al. (J Nucl Med), **27**: 795,
- computation of glomerular filtration rate with Tc-99m DPTA: an in-house computer program, Gates GF, (Radiology), **154**: 571, 1985
- cyclosporin-A nephrotoxicity and acute cellular rejection in renal transplant recipients: correlation between radionuclide recipients: correlation between radionucliand histologic findings, Kim EE; Pjura G; Lowry P; Verani R; Sandler CM; Flechner SM; Kahan B, (Radiology), **159**: 443, 1986
- delayed renal localization of Ga-67: concise communication, Lin DS; Sanders JA, Patel BR, (Radiology), 152: 870, 1984
- detection of diffuse glomerular lesions in rats: I. comparisons of conventional radioactive agents, McAfee JG, Thomas FD; Subramanian G; et al, (J Nucl Med), 27: 502,
- detection of diffuse glomerular lesions in rats: II. comparison of indium-111 cationic small macromolecules with technetium-99m DTPA, McAfee JG; Thomas FD; Subramanian G; et al, (J Nucl Med), 27: 513, 1986
- detection of urinary extravasation by delayed technetium-99m DTPA renal imaging, Taki J; Tonami N; Aburano T; et al., (Clin Nucl Med), 11: 583, 1986
- differential glomerular filtration rate in diagnosis of renovascular hypertension and follow-up of balloon angioplasty, Lamki L; Spence JD; Macdonald AC; et al, (Clin Nucl Med), 11: 188, 1986
- early diagnosis of acute postoperative renal transplant rejection by indium-III-labeled platelet scintigraphy, Tisdale PL; Collier BD; Kauffman HM; et al, (J Nucl Med), 27: 1266,
- effect of region assignment on relative renal blood flow estimates using radionuclides, Harris CC; Ford KK; Coleman RE; Dunnick NR, (Radiology), 151: 791, 1984
- evaluation of renal function parameters with simultaneously administered <sup>99m</sup>Tc-DTPA and <sup>131</sup>I-hippuran, Kempi V; Persson BRR, (Radiology), **15**0: 617, 1984
- exercise renogram. a new approach documents renal involvement in systemic hypertension, Clorius JH; Schmidlin P, (Radiology), 150: 616, 1984
- extrarenal abnormalities in Tc-99m-DTPA renal blood flow studies, Shih W-J; Domstad PA; DeLand FH, (Radiology), **154**: 197, 1985

- failure to visualize acutely injured kidneys with technetium-99m DMSA does not preclude recoverable function, Taylor A Jr; Akiya F; Gregory MC, (J Nucl Med), 27: 377,
- "flattened" pattern in <sup>131</sup>I-hippuran renogram, Lin DS, (Semin Nucl Med), **14:** 62, 1984
- gallbladder simulating renal fracture during technetium-99m glucoheptonate evaluation for renal trauma, Alexieva-Jackson B; Fetters DV; Cole RL; et al, (Clin Nucl Med), 11: 363, 1986
- glomerular filtration rate determined in conjunction with routine renal scanning, Jackson JH; Blue PW; Ghaed N, (Radiology), 154: 203, 1985
- glomerular filtration rate in children determination from the Tc-99m-DTPA renogram, Shore RM; Koff SA; Mentser M; Hayes JR; Smith SP; Smith JP; Chesney RW, (Radiology), 151: 627, 1984
- glomerular filtration rate in transplantation patients: estimation of renal function using Tc-99m DTPA, Reinig JW; Gordon L; Frey D; Garrick E; Daniel WT III, (Radiology), 156:
- high renal activity on bone scintigrams. a sign of hypercalcaemia?, Buyon-Thomas MS; Wraight EP, (Radiology), **152**: 870, 1984
- indium-111 leukocyte scanning: false-negative study in a renal abscess, Kumar R; Bedi DG; Fawcett HD; et al, (Clin Nucl Med), 11: 274,
- indium-labelled platelet uptake in rejecting renal transplants, Chandler ST; Buckels J; Hawker RJ; et al, (Radiology), **151**: 562, 1984
- is serial iodohippurate renography at the bedside reliable enough to monitor renal transplants?, Huland H; Bischoff UK, (Radiology), 150: 616, 1984
- menstruation: hazard in radionuclide renal transplant evaluation, Orzel JA; Jaffers GJ, (Clin Nucl Med), 11: 409, 1986
- "negative" renal outline in prune belly syndrome, Karimeddini MK; Spencer RP, (Clin Nucl Med), 11: 129, 1986
- "obstructive" pattern in an <sup>131</sup>I-hippuran renogram of a transplanted kidney, Lin DS, (Semin Nucl Med), **14**: 64, 1984
- phantom kidney on perfusion renal imaging, Lin DS, (Semin Nucl Med), 14: 59, 1984
- photopenic defect within transplanted kidney, Sanchez FW; Gordon L; Curry NS, (Semin Nucl Med), 14: 342, 1984
- preoperative and postoperative cortical function of the kidney with staghorn calculi assessed by <sup>99m</sup>technetium-dimercaptosuccinic acid renal scintigraphy, Kawamura J; Itoh H; Okada Y; et al, (Radiology), 151: 562, 1984
- primer and atlas for renal transplant scintigraphy (flow, Tc-99m DTPA, I-131 hippuran), Manier SM; Van Nostrand D; Kyle RW, (Radiology), **157**: 288, 1985
- prospective evaluation of renal allograft dysfunction with 99m technetiumdiethylenetriaminepentaacetic acid renal scans, McConnell JD; Sagalowsky AI; Lewis SE; et al. (Radiology), 154: 571, 1985
- radioisotope renography in spinal cord injury, Tempkin A; Sullivan G; Palde J; et al, (Radiology), **156**: 571, 1985
- renal accumulation of <sup>67</sup>Ga-citrate, Long SE; Sonnemaker RE; Burdine JA, (Semin Nucl Med), 14: 52, 1984
- renal amyloidosis: evaluation by gallium imaging, Lee VW; Skinner M; Cohen AS; et al, (Clin Nucl Med), 11: 642,
- renal gallium accumulation in the absence of renal pathology in patients with severe hepatocellular disease, Alazraki NP; Sterkel B; Taylor A Jr, (Radiology), **151**: 836,
- renal subcapsular rim sign: radionuclide pattern, Howman-Giles R; Gett M; Roy P, (Clin Nucl Med), 11: 285, 1986
- renal trauma: radiological studies: comparison of urography, computed tomography, angiography, and radionuclide studies, Lang EK; Sullivan J; Frentz G, (Radiology), 154: 1, 1985
- 17, 1909 renal tubular receptor imaging with iodine-131-labeled peanut lectin: pharmacokinetics and renal clearance mechanism in animals, Boniface GR; Suresh MR; Willans DJ; et al, (J Nucl Med), 27: 668, 1986

- renal uptake in liver scan, Tiu S; Klein B; Kramer EL; et al, (Semin Nucl Med), **16**: 80, 1986
- renocutaneous inflammatory tract shown during technetium-99m DTPA imaging, Slavin JD Jr; Skarzynski JJ; Spencer RP, (Clin Nucl Med), 11: 55, 1986
- (Clin Nucl Med), 11: 55, 1986
  split renal function after captopril in
  unilateral renal artery stenosis, Wenting GJ;
  Tan-Tjiong HL; Derkx FHM; et al,
  (Radiology), 153: 861, 1984
  technetium-99m DISIDA imaging in
  autosomal-dominant polycystic kidney,
  Mishkin J; Makler PT JT; Velchik MG; et al,
  (Clin Nucl Med), 11: 368, 1986
  technetium-99m DMSA imaging and the
  obstructed kidney, Piepsz A; Ham HR;
  Roland JH; et al, (Clin Nucl Med), 11: 389,
  1986

- technetium-99m pyrophosphate imaging in acute renal failure associated with nontraumatic rhabdomyolysis, Patel R; Mishkin FS, (AJR), 147: 815, 1986
- transient reduction in renal function following arteriography: a radionuclide study, Gates GF; Green GS, (Radiology), **150**: 870, 1984
- ureteral reflux of recipient's own kidneys: potential source of error in renal transplant evaluation, Serena A; Robles JE; Richter JA; et al, (Clin Nucl Med), 11: 59,
- value of obtaining renal images following brain scintigraphy with technetium-99m glucoheptonate, Moreno AJ; Rodriguez A. Spicer MJ; et al, (Clin Nucl Med), 11: 560, 1986
- visual determination of differential renal function, Kipper MS; Witztum KF; Taylor A Jr, (Clin Nucl Med), 11: 313, 1986

# Kidney, size

#### See Kidney, volume Kidney, stenosis

- electrolysis for recanalization of urinary collecting system obstructions: perculaneous approach, Cardella JF; Hunter DW; Castaneda-Zuniga WR; Hulbert JC; Young AT; Coleman CC; Mercado S; Amplatz K, (Radiology), 155: 87, 1985
- renal obstruction in patients with ileal loops:
  US evaluation, Cronan JJ; Amis ES;
  Scola FH; Schepps B, (Radiology), 158: 647,
- technetium-99m DMSA imaging and the obstructed kidney, Piepsz A; Ham HR; Roland JH; et al, (Clin Nucl Med), 11: 389,

#### Kidney, stone extraction

- combined treatment of branched calculi by percutaneous nephrolithotomy and extracorporeal shock wave lithotripsy, Schulze H; Hertle L; Graff J; et al, (Radiology), **161**: 860, 1986
- comparison of the costs and morbidity of percutaneous and open flank procedures, Brown MW; Carson CC III; Dunnick NR; et al, (Radiology), 161: 859,
- complications of percutaneous nephrostolithotomy, Dunnick NR; Carson CC III; Braun SD; Miller GA; Cohan R; Degesys GE; Illescas FF; Newman GE; Weinerth JL, (Radiology), 157: 51, 1985
- weinerful Jr. (kadiology), 197: 31, 193 double puncture: effective percutaneous technique for removing complex, multiple renal calculi, Mercado S; Hunter DW; Castaneda-Zuniga WR; Amplatz K; Young AT; Cardella JF; Lange PH; Hulbert JC; Reddy PK, (Radiology), 158: 207, 1936
- electrolysis for recanalization of urinary electrolysis for recanalization of urinary collecting system obstructions: percutaneous approach, Cardella JF; Hunter DW; Castaneda-Zuniga WR; Hulbert JC; Young AT; Coleman CC; Mercado S; Amplatz K, (Radiology), 155: 87, 1985 endourology, Segura JW, (Radiology), 156: 271, 1985
- extracorporeal shock wave lithotripsy and the radiologist, Pollack HM; Banner MP, (AJR), 147: 94, 1986
- fluoroscopically guided percutaneous extraction of upper urinary tract calculi, Banner MP; Pollack HM, (Radiol Clin North Am), 22: 415, 1984
- impact of extracorporeal shock wave lithotripsy on percutaneous stone procedures, Bush WH; Gibbons RP; Lewis GP; et al, (AJR), 147: 89, 1986

- kidney stone removal: percutaneous versus surgical lithotomy, Brannen GE; Bush WH; Correa RJ; et al, (Radiology), 156: 271, 1985
- modified Johnson basket for antegrade stone extraction, Carson CC; Braun S; Weinerth JL; et al, (Radiology), 156: 271, 1985
- pain control: comparison of percutaneous and operative nephrolithotomy, Rittenberg MH; Koolpe H; Keeler L; et al, (Radiology), 157: 564, 1985
- percutaneous approach to nephrolithiasis, Dunnick NR; Carson CC III; Moore AV Jr; et al, (AJR), 144: 451, 1985
- percutaneous extraction of renal stones: experience in 100 patients, Lee WJ; Loh G; Smith AD; et al, (AJR), 144: 457, 1985
- percutaneous extraction of urinary calculi: use of the intercostal approach, Young AT; Hunter DW; Castaneda-Zuniga WR; Hulbert JC; Lange PH; Reddy P; Mercado S; Amplatz K, (Radiology), 154: 633, 1985
- percutaneous nephrolithotomy: analysis of 500 consecutive cases, Lee WJ; Smith AD; Cubelli V; et al, (Urol Radiol), 8: 61, 1986
- percutaneous nephrostolithotomy vs open surgery for renal calculi. comparative study, Preminger GM; Clayman RV; Hardeman SW; et al, (Radiology), 158: 281, 1986
- percutaneous nephrostomy for stone removal, LeRoy AJ; May GR; Bender CE; Williams HJ Jr; McGough PF; Segura JW; Patterson DE, (Radiology), **151**: 607, 1984
- percutaneous removal of caliceal and other "inaccessible" stones: results, Reddy PK; Lange PH; Hulbert JC; et al, (Radiology), 155: 852, 1985
- percutaneous removal of caliceal and other "inaccessible" stones: instruments and techniques, Lange PH; Reddy PK; Hulbert JC; et al, (Radiology), 156: 271, 1985
- percutaneous removal of caliceal calculi, Bush WH; Brannen GE, (AJR), 144: 139 1985
- percutaneous removal of renal and ureteral calculi, Coleman CC; Clayman RV; Lange PH; Castaneda-Zuniga WR; Miller R; Reddy P; Hunter DW; Lung G; Amplatz K, (Radiographics), 5: 149, 1985
- percutaneous renal stone removal. use of carbon dioxide as contrast material, Salomonowitz E; Castaneda-Zuniga WR; Lange PH; Cragg AH; Lund G; Hunter DW; Coleman CC; Amplatz K, (Radiology), **150**: 833, 1984
- percutaneous stone extraction from 200 patients, White EC; Smith AD, (Radiology), 155: 853, 1985
- renal morphology and function immediately after extracorporeal shock-wave lithotripsy, Kaude JV; Williams CM; Millner MR; et al, (AIR). 145: 305. 1985
- renal vascular complications associated with the percutaneous removal of renal calculi, Clayman RV; Surya V; Hunter DW; et al, (Radiology), 155: 275, 1985
- technical refinements in percutaneous nephroureterolithotomy, Banner MP; Stein EJ; Pollack HM, (AJR), 145: 101, 1985
- temporary nephrostomy catheter for the staged removal of renal stones, Ford KK; Braun SD; Miller GA Jr; et al, (AJR), 144: 143, 1985
- ultrasonic renal lithotripsy: single-stage percutaneous technique and adjuvant radiological procedures, Bush WH; Brannen GE; Burnett LL; Wales LR, (Radiology), 152: 387, 1984
- use of occlusion balloon catheter in percutaneous renal stone extraction, Littleton RH; Cerny JC; Miles B, (Radiology), 161: 859, 1986
- use of retrograde occlusion balloon catheters in percutaneous removal of renal calculi, Beckmann CF; Roth RA, (Radiology), 156: 566, 1985

# Kidney, surgery

cavitron ultrasonic surgical aspirator. applications in urologic surgery, Addonizio JC; Choudhury MS; Sayegh N; et al, (Radiology), **154**: 273, 1985

- compensatory renal hypertrophy after donor nephrectomy, Tapson JS; Owen JP; Robson RA; et al, (Radiology), **157**: 564, 1985
- cost effective analysis of prenephrectomy radioisotope scans in renal cell carcinoma, Lindner A; Goldman DG; deKernion JB, (Radiology), **151**: 562, 1984
- classibility of surgical enucleation for renal cell carcinoma, Marshall FF; Taxy JB; Fishman EK; et al, (Radiology), 160: 284, 1986
- optical triradiate nephroscope: new concept in percutaneous renal surgery, Miller RA; Wickham JEA, (Radiology), **154**: 273, 1985
- percutaneous intrarenal electrosurgery, Clayman RV: Hunter DW; Surya V; et al, (Radiology), **154**: 560, 1985
- percutaneous renal ablation in patients with end-stage renal disease: alternative to surgical nephrectomy, Keller FS; Coyle M; Rosch J; Dotter CT, (Radiology), 159: 447, 1986
- percutaneous surgery for ureteropelvic junction obstruction (endopyelotomy): technique and early results, Badlani G; Eshghi M; Smith AD, (Radiology), 159: 821, 1986
- role of preoperative embolization in renal cell carcinoma, Kaisary AV; Williams G; Riddle PR, (Radiology), **153**: 848, 1984

#### Kidney, transplantation

- acute renal rejection versus acute tubular necrosis in a canine model: MR evaluation, Rholl KS; Lee JKT; Ling D; Sicard GA; Griffith RC; Freeman M, (Radiology), 160: 113, 1986
- arterial digital angiography in the evaluation of potential renal donors, Petty W; Spigos DG; Abejo R; et al, (Invest Radiol), 21: 122, 1986
- colonic perforation in renal transplant patients, Puglisi BS; Kauffman HM; Stewart ET; et al, (AJR), **145**: 555, 1985
- computed tomography of end-stage renal transplant rejection, Curry NS; Frangos DN; Tague DF, (CT), 10: 51, 1986
- CT of abdominal lymphoma after renal transplantation, Frick MP; Salomonowitz E; Hanto DW; et al, (AJR), 142: 97, 1984
- cyclosporin-A nephrotoxicity and acute cellular rejection in renal transplant recipients: correlation between radionuclide and histologic findings, Kim EE; Pjura G; Lowry P; Verani R; Sandler CM; Flechner SM; Kahan B, (Radiology), 159: 443, 1986
- diagnosis of disease in renal allografts: correlation between ultrasound and histology, Griffin JF; Short CD; Lawler W; et al, (Clin Radiol), 37: 59, 1986
- digital subtraction angiography in the diagnosis of arterial complications after renal transplantation, Rath M; Castro L; Schuler M; et al, (Radiology), **154**: 559, 1985
- dynamic CT in the evaluation of physiologic status of renal transplants, Fuld IL; Matalon TA; Vogelzang RL; et al, (AJR), 142: 1157, 1984
- early diagnosis of acute postoperative renal transplant rejection by indium-111-labeled platelet scintigraphy, Tisdale PL; Collier BD; Kauffman HM; et al, (J Nucl Med), 27: 1266, 1986
- emphysema in the renal allograft, Potter JL; Sullivan BM; Flournoy JG; Gerza C, (Radiology), 155: 51, 1985
- emphysematous pyelonephritis in a renal transplant: sonographic and computed tomographic features, Balsara VJ; Raval B; Maklad NF, (J Ultrasound Med), 4: 97, 1985
- evaluation of renal transplants with pulsed Dopper duplex sonography, Berland LL; Lawson TL; Adams MB; et al, (Radiology), 150: 300, 1984
- experimental acute tubular necrosis: US appearance, Rosenfield AT; Zeman RK; Cicchetti DV; Siegel NJ, (Radiology), 157: 771. 1985
- extravasation of contrast material from unused bladders during voiding cystourethrography, Day DL, (Radiology), 155: 105, 1985
- further observations in the ultrasound evaluation of renal allograft rejection, Raiss GJ; Bree RL; Schwab RE; et al, (J Ultrasound Med), 5: 439, 1986

- glomerular filtration rate in transplantation patients: estimation of renal function using Tc-99m DTPA, Reinig JW; Gordon L; Frey D; Garrick E; Daniel WT III, (Radiology), 156: 505, 1982.
- growth retardation and renal osteodystrophy in children with chronic renal failure, Hodson EM; Shaw PF; Evans RA; et al, (Radiology), **152**: 555, 1984
- infectious arthritis in renal transplant patients, Bomalaski JS; Williamson PK; Goldstein CS, (Radiology), **161**: 283, 1986
- interventional radiologic procedures in the renal transplant, Curry N5; Cochran S; Barbaric ZL; Schabel SI; Pagani JJ; Kangarloo H; Diament M; Gobien RP; Vujic L (Radiology), 152: 647, 1984
- intraarterial digital subtraction angiography of renal transplants, Roeren T; Hauenstein K; Dinkel E; et al, (Urol Radiol), 8: 77, 1986
- intraarterial digital subtraction angiography of renal transplants, Picus D; Neeley JP; McClennan BL; et al, (AJR), **145**: 93, 1985
- is serial iodohippurate renography at the bedside reliable enough to monitor renal transplants?, Huland H; Bischoff UK, (Radiology), 150: 616, 1984
- Legionnaires' disease in the renal transplant patient: clinical presentation and radiographic progression, Moore EH; Webb WR: Gamsu G; Golden JA, (Radiology), 153: 589, 1984
- limitations of indium-111 leukocyte scanning in febrile renal transplant patients, Sebrechts C; Biberstein M; Klein JL; et al, (AJR), 146: 823, 1986
- magnetic resonance imaging of renal transplants, Geisinger MA; Risius B; Jordan ML; et al, (AJR), 143: 1229, 1984
- massive hematuria following percutaneous biopsy of renal allograft: successful control by selective embolization, Horowitz MD; Russell E; Abitbol C; et al, (Radiology), 156: 272, 1985
- menstruation: hazard in radionuclide renal transplant evaluation, Orzel JA; Jaffers GJ, (Clin Nucl Med), 11: 409, 1986
- obstructed calycocystostomy site in association with a transplanted kidney: percutaneous management, Cardella JF; Hunter DW; Hulbert JC; Young AT; Castaneda-Zuniga WR; Amplatz K, (Radiology), 156: 67, 1985
- "obstructive" pattern in an <sup>131</sup>I-hippuran renogram of a transplanted kidney, Lin DS, (Semin Nucl Med), **14**: 64, 1984
- percutaneous management of the urological complications of renal transplantation, Voegeli DR; Crummy AB; McDermott JC; Jensen SR; Montague TL, (Radiographics), 6: 1007, 1986
- percutaneous techniques for the management of urological renal transplant complications, Streem SB; Novick AC; Steinmuller DR; et al, (Radiology), 160: 573, 1986
- percutaneous transluminal angioplasty of renal transplant arterial stenoses, Raynaud A; Bedrossian J; Remy P; et al, (AJR), 146: 853, 1986
- photopenic defect within transplanted kidney, Sanchez FW; Gordon L; Curry NS, (Semin Nucl Med), 14: 342, 1984
- postoperative urological complications of renal transplantation, Kumar R; Wilson DD; Santa-Cruz FR, (Radiographics), 4: 531, 1984
- primer and atlas for renal transplant scintigraphy (flow, Tc-99m DTPA, I-131 hippuran), Manier SM; Van Nostrand D; Kyle RW, (Radiology), 157: 288, 1985
- prospective evaluation of renal allograft dysfunction with <sup>99m</sup>technetiumdiethylenetriaminepentiacetic acid renal scans, McConnell JD; Sagalowsky AI; Lewis SE; et al, (Radiology), **154**: 571, 1985
- pulmonary calcification in a renal transplant recipient, Evans TW; Collins M; Adams JE; et al, (Radiology), 150: 295, 1984
- quantitation of the prominent medullary pyramid: reappraisal, Paling MR; Black WC, (J Canad Assoc Radiol), 37: 90, 1986

- real-time ultrasound evaluation of renal transplant failure during the early postoperative period, Swobodnik WL; Spohn BE; Wechsler JG; et al, (Ultrasound Med Biol), 12: 97, 1986
- renal allograft rejection: US evaluation, Hoddick WK, Filly RA; Backman U; Callen PW; Vincenti F; Hricak H; Mahony BS; Amend W, (Radiology), 161: 469, 1986
- renal allografts: evaluation by MR imaging, Hricak H; Terrier F; Demas BE, (Radiology), 159: 435, 1986
- renal allografts in acute rejection: evaluation using duplex sonography, Rigsby CM; Taylor KJW; Weltin GG; Burns PN; Bia M; Princenthal RA; Kashgarian M; Flye MW, (Radiology), 158: 375, 1986
- renal transplant rejection: sonographic evaluation in children, Slovis TL; Babcock DS; Hricak H; Han BK; Rose G; McEnery P; Muz H; Chang C-H; Fleischman LE; Corbett DP, (Radiology) 153: 659, 1984
- renal transplants in children: long-term follow-up using sonography, Babcock DS; Slovis TL; Han BK; McEnery P; McWilliams DR, (Radiology), **156**: 165, 1985
- retroperitoneal reabsorption of extravasated urine in renal transplant patients, Kool LJS; Blickman JG; van Es A; Hew JM, (Radiology), 153: 625, 1984
- scrotal lymphocele: complication of renal transplant surgery, Dierks PR; Moore PT, (J Ultrasound Med), 4: 91, 1985
- selective low-dose streptokinase infusion in the treatment of acute transplant renal vein thrombosis, Robinson JM; Cockrell CH; Tisnado J; et al. (Cardiovasc Intervent Radiol), 9: 86, 1986
- sonographic diagnosis of a perirenal transplant bowel hernia, Burks DD; Fleischer AC; Richie RE, (J Ultrasound Med), 4: 677, 1985
- sonographic evaluation of the rejecting ureter, Hricak H; Mark AS; Alpers CE; et al, (Urol Radiol), 8: 25, 1986
- sonography of abdominal posttransplant lymphoma, Frick MP; Salomonowitz E; Feinberg SB, (Radiology), **155**: 862, 1985
- submucosal edema of the collecting system: new ultrasonic sign of severe, acute renal allograft rejection: clinical note, Birnholz JC; Merkel FK, (Radiology), **154**: 190, 1985
- transplanted kidney in children: comparative value of various echographic signs of acute rejection, Garel L; Bonnard V; Barral V; et al, (Radiology), 158: 283, 1986
- ultrasonographic diagnosis of vesical leakage in a renal transplant recipient, Ravinovici R; Rivkind A; Lebensart PD; et al, (Urol Radiol), 8: 112, 1986
- ultrasonography in complications of renal transplantation, Hildell J; Aspelin P; Nyman U; et al, (Radiology), **15**6: 282, 1985
- ultrasound evaluation of uncommon renal transplant complications, Stuck KJ; Jafri SZH; Adler DD; et al, (Urol Radiol), 8: 6, 1986
- ureteral reflux of recipient's own kidneys: potential source of error in renal transplant evaluation, Serena A; Robles JE; Richter JA; et al, (Clin Nucl Med), 11: 59, 1986
- urine extravasation into the scrotum, Noel AW; Velchik MG, (J Nucl Med), 27: 807, 1986
- urologic complications following renal transplantation: role of interventional radiologic procedures, Bennett LN; Voegeli DR; Crummy AB; McDermott JC; Jensen SR; Sollinger HW, (Radiology), 160: 531, 1986
- visualization of the uterus on evaluation of transplanted kidneys, Feldman N; Makler PT Jr; Velchik MG, (Clin Nucl Med), 11: 62, 1986

# Kidney, US studies

- causes of increased renal echogenicity in pediatric patients, Krensky AM; Reddish JM; Teele RL, (Radiology), 152: 554, 1984
- crossed fused renal ectopia: sonographic diagnosis, Goodman JD; Norton KI; Carr L; et al, (Urol Radiol), 8: 13, 1986

- current radiological approach to renal cysts, Bosniak MA, (Radiology), 158: 1, 1986
- cystic renal mass evaluation: real-time versus static imaging, Weinreb JC; Arger PH; Coleman BG; et al, (JCU), 14: 29, 1986
- diagnosis of disease in renal allografts: correlation between ultrasound and histology, Griffin JF; Short CD; Lawler W; et al, (Clin Radiol), 37: 59, 1986
- Doppler and B-mode ultrasound for avascular nephrotomy, Riedmiller H; Thuroff J; Alken P; et al, (Radiology), **151**: 560, 1984
- Alken P; et al, (kadiology), 151: 360, 1763 dotted corticomedullary junction: a sonographic indicator of small-vessel disease in hypertensive children, Garel LA; Pariente DM; Gubler MC; Broyer M; Sauvegrain JH, (Radiology), 152: 419, 1984
- sauvegram Jr. (Naturology), 152-179, 159ectopic ureter and ureterocele: their varied sonographic manifestations, Nussbaum AR; Dorst JF; Jeffs RD; Gearhart JP; Sanders RC, (Radiology), 159: 227, 1986
- evaluation of renal transplants with pulsed Dopper duplex sonography, Berland LL; Lawson TL; Adams MB; et al, (Radiology), 150: 300, 1984
- experimental acute tubular necrosis: US appearance, Rosenfield AT; Zeman RK; Cicchetti DV; Siegel NJ, (Radiology), 157: 771 1985
- fetal renal dysplasia: sonographic evaluation, Mahony BS; Filly RA; Callen PW; Hricak H; Golbus MS; Harrison MR, (Radiology), **152**: 143. 1984
- further observations in the ultrasound evaluation of renal allograft rejection, Raiss GJ; Bree RL; Schwab RE; et al, (J Ultrasound Med), 5: 439, 1986
- hemorrhagic focal bacterial nephritis: findings on gray-scale sonography and CT, Rigsby CM; Rosenfield AT; Glickman MG; et al., (AJR), 146: 1173, 1986
- incidence of carcinoma of the renal cyst wall (results of 22,000 sonographic examinations), Weiss H; Ludwig G; Weiss A; et al, (Radiology), **150**: 300, 1984
- increased renal cortical echogenicity in pediatric renal disease: histopathologic correlations, Brenbridge AN; Chevalier RL; Kaiser DL, (JCU), 14: 595, 1986
- interrenicular junction: mimic of renal scarring on normal pediatric sonograms, Hoffer FA; Hanabergh AM; Teele RL, (AJR), 145: 1075, 1985
- intraoperative localization of renal calculi by real-time ultrasonography, Merran S; Cariou G; Le Duc A; et al, (Radiology), 156: 282, 1985
- junctional parenchymal defect: sonographic variant of renal anatomy, Carter AR; Horgan JG; Jennings TA; Rosenfield AT, (Radiology), 154: 499, 1985
- juvenile nephronophthisis: sonographic appearance in children with severe uremia, Garel LA; Habib R; Pariente DM; Broyer M; Sauvegrain JH, (Radiology), 151: 93, 1984
- measurement of renal size in preterm and term infants by real-time ultrasound, De Vries L; Levene MI, (Radiology), **150**: 613, 1984
- metastatic neoplasms to the kidney studied by computed tomography and sonography, Mitnick JS; Bosniak MA; Rothberg M; et al, (JCAT), 9: 43, 1985
- multicystic dysplastic kidney in utero: changing appearance on US, Hashimoto BE; Filly RA; Callen PW, (Radiology), 159: 107, 1986
- multicystic dysplastic kidneys: spontaneous regression demonstrated with US, Pedicelli G; Jequier S; Bowen A; Boisvert J, (Radiology), 161: 23, 1986
- nondilated obstructive acute renal failure: diagnostic procedures and therapeutic management, Maillet PJ; Pelle-Francoz D; Laville M; Gay F; Pinet A, (Radiology), 160: 659, 1986
- phantom kidney on perfusion renal imaging, Lin DS, (Semin Nucl Med), 14: 59, 1984
- real-time ultrasound evaluation of renal transplant failure during the early postoperative period, Swobodnik WL; Spohn BE; Wechsler JG; et al, (Ultrasound Med Biol), 12: 97, 1986
- renal allograft rejection: US evaluation, Hoddick WK, Filly RA; Backman U; Callen PW; Vincenti F; Hricak H; Mahony BS; Amend W, (Radiology), 161: 469, 1986

- renal colic: the role of ultrasound in initial evaluation, Erwin BC; Carroll BA; Sommer FG, (Radiology), **152**: 147, 1984
- renal masses in the fetus and neonate: ultrasonographic diagnosis, Barth RA; Mindell HJ, (Semin US CT MR), 5: 3, 1984
- renal obstruction in patients with ileal loops: US evaluation, Cronan JJ; Amis ES; Scola FH; Schepps B, (Radiology), 158: 647, 1986
- renal parenchyma in infancy and childhood: US characteristics, Turner PA; Johnson JF, (Radiology), 157: 837, 1985
- renal parenchyma in infancy and childhood: US characteristics: reply, Hayden CK Jr; Swischuk LE, (Radiology), 157: 837, 1985
- renal stone shadowing: investigation of contributing factors, King W III; Kimme-Smith C; Winter J, (Radiology), 154: 191, 1985
- renal transplant rejection: sonographic evaluation in children, Slovis TL; Babcock DS; Hricak H; Han BK; Rose G; McEnery P; Muz H; Chang C-H; Fleischman LE; Corbett DP, (Radiology), 153: 659, 1984
- renal transplants in children: long-term follow-up using sonography, Babcock DS; Slovis TL; Han BK; McEnery P; McWilliams DR, (Radiology), **156**: 165, 1985
- renal ultrasonography 1984: a practical overview, Amis ES Jr; Hartman DS, (Radiol Clin North Am), 22: 315, 1984
- renal ultrasound in acquired immune deficiency syndrome, Schaffer RM; Schwartz GE; Becker JA; Rao TKS; Shih YH, (Radiology), 153: 511, 1984
- renal ultrasound in metabolic bone disease, Jequier S; Cramer B; Goodyer P; et al, (Pediatr Radiol), 16: 135, 1986
- sensitivity of sonography in pyonephrosis: a reevaluation, Jeffrey RB Jr; Laing FC; Wing VW; et al, (AJR), 144: 71, 1985
- septa of bertin: a sonographic pseudotumor, Mahony BS; Jeffrey RB Jr; Laing FC, (Radiology), 151: 833, 1984
- simple renal cysts in infants, Steinhardt GF; Slovis TL; Perlmutter AD, (Radiology), 155: 349, 1985
- small hyperechoic nodules of the renal parenchyma, Zappasodi F; Sanna G; Fiorentini G; et al, (Radiology), 159: 571, 1986
- sonographic assessment of neonatal renal parameters, Erwin BC; Carroll BA; Muller H, (J Ultrasound Med), 4: 217, 1985
- Sonographic diagnosis of kidney malformations, Anderegg LA, (Radiology), 152: 267, 1984
- sonographic diagnosis of milk of calcium cyst of the kidney, Tscholakoff D; Czembirek H; Wittich G, (Radiology), 151: 276, 1984
- sonographic distinction between neonatal multicystic kidney and hydronephrosis, Sanders RC; Hartman DS, (Radiology), 151: 621, 1984
- sonographic evaluation of the rejecting ureter, Hricak H; Mark AS; Alpers CE; et al, (Urol Radiol), 8: 25, 1986
- sonographic findings in myoglobinuric renal failure and their clinical implications, Pardes JG; Auh YH; Kazam E, (Radiology), 152: 867, 1984
- sonographic identification of collecting system duplications, Schaffer RM; Shin YH; Becker JA, (Radiology), 151: 833, 1984
- sonographic measurements and appearance of normal kidneys in children, Han BK; Babcock DS, (AJR), 145: 611, 1985
- sonographic standards for normal infant kidney length, Blane CE; Bookstein FL; DiPietro MA; et al, (AJR), 145: 1289, 1985
- sonography of emphysematous pyelonephritis, Allen HA III; Walsh JW; Brewer WH; et al. (Radiology), 156: 282, 1985
- sonography of milk of calcium in a calyceal diverticulum: a case report, Leekam RN; Matzinger MA; Keresteci AG, (Radiology), 153: 859, 1984
- sonography of renal columnar hypertrophy, Leekam RN; Matzinger MA; Brunelle M; et al, (Radiology), 152: 564, 1984
- sonography of the hypertrophied column of Bertin, Lafortune M; Constantin A; Breton G; et al, (AJR), 146: 53, 1986

- sonography of the kidneys in hemolytic uremic syndrome, Kenney PJ; Brinsko RE; Patel DV; et al, (Invest Radiol), 21: 547, 1986
- sonography of tuberculous kidney, Schaffer RM; Becker JA; Goodman J, (Radiology), 151: 560, 1984
- submucosal edema of the collecting system: new ultrasonic sign of severe, acute renal allograft rejection: clinical note, Birnholz JC; Merkel FK, (Radiology), 154: 190, 1985
- ultrasonographically indeterminate renal parapelvic masses, Dorne HL; Hiams B; Cassoff J, (Radiology), 155: 851, 1985
- ultrasonographic diagnosis of medullary cystic disease, Rego JD Jr; Laing FC; Jeffrey RB Jr, (Radiology), **152**: 867, 1984
- ultrasonographic diagnosis of vesical leakage in a renal transplant recipient, Ravinovici R; Rivkind A; Lebensart PD; et al, (Urol Radiol), 8: 112, 1986
- ultrasonographic evaluation of the renal parenchyma in infancy and childhood, Hayden CK Jr. Santa-Cruz FR: Amparo EG; Brouhard B; Swischuk LE; Ahrendt DK, (Radiology), 152: 413, 1984
- ultrasonographic features of glomerulocystic disease in infancy: similarity to infantile polycystic kidney disease, Fitch SJ; Stapleton FB, (Pediatr Radiol), 16: 400, 1986
- ultrasonography in the diagnosis of hydronephrosis in patients with normal renal function, Dalla-Palma L; Bazzocchi M; Pozzi-Mucelli RS; et al, (Radiology), 152: 267, 1984
- ultrasound evaluation of uncommon renal transplant complications, Stuck KJ; Jafri SZH; Adler DD; et al, (Urol Radiol), 8:
- urinary tract infections in children: renal ultrasound evaluation, Mason WG Jr, (Radiology), 153: 109, 1984
- urologic complications following renal transplantation: role of interventional radiologic procedures, Bennett LN; Voegeli DR; Crummy AB; McDermott JC; Jensen SR; Sollinger HW, (Radiology), 160: 531 1986.
- usefulness of renal ultrasonography for assessment of severity and course of acute tubular necrosis, Nomura G; Kinoshita E; Yamagata Y; et al, (Radiology), 153: 859, 1984
- venous renal tumor extension: prospective US evaluation, Schwerk WB; Schwerk WN; Rodeck G, (Radiology), **156**: 491, 1985
- xanthogranulomatous pyelonephritis: sonographic—pathologic correlation of 16 cases, Hartman DS; Davis CJ Jr; Goldman SM; et al. (J Ultrasound Med), 3:

#### Kidney, volume

- kidney length correlated with age: normal values in children, Currarino G; Williams B; Dana K, (Radiology), **150**: 703, 1984
- measurement of renal size in preterm and term infants by real-time ultrasound, De Vries L; Levene MI, (Radiology), **150**: 613,
- quantitation of the prominent medullary pyramid: reappraisal, Paling MR; Black WC, (J Canad Assoc Radiol), 37: 90, 1986
- renal growth retardation in children: sign suggestive of vesicoureteral reflux?, Ginalski J-M; Michaud A; Genton N, (AJR), 145: 617, 1985
- renal transplants in children: long-term follow-up using sonography, Babcock DS; Slovis TL; Han BK; McEnery P; McWilliams DR, (Radiology), 156: 165, 1985
- sonographic assessment of renal length in normal children, Rosenbaum DM; Korngold E; Teele RL, (AJR), 142: 467, 1984

### Kidney neoplasms

- acquired renal cystic disease and renal neoplasms in hemodialysis patients, Cho C; Friedland GW; Swenson RS, (Radiology), 157: 849, 1985
- bone metastases in Wilms' tumor: occurrence and radiological appearance, Eklof O; Mortensson W; Sandstedt B; et al, (Radiology), 153: 568, 1984
- bone scan detection of renal vein thrombosis secondary to hypernephroma, Swayne LC, (Clin Nucl Med), 11: 133, 1986

- bone scintigraphy in the initial staging of patients with renal cell carcinoma: conci-communication, Rosen PR; Murphy KG, (Radiology), 154: 284, 1985
- case report. extra-medullary plasmacytoma of the kidney, Jaspan T; Gregson R, (Radiology), 152: 841, 1984
- chronic renal failure: significant risk factor in the development of acquired renal cysts and renal cell carcinoma: case reports and review of the literature, Bretan PN Jr; Busch MP; Hricak H; et al, (Radiology), 161: 574, 1986
- clear cell sarcoma of the kidney: renal tumor of childhood that metastasizes to bone, Kagan AR; Steckel RJ, (AJR), 146: 64, 1986
- clinical course and prognosis of patients with renal adenocarcinoma with solitary metastasis, Kjaer M; Engelholm SA, (Radiology), 150: 303, 1984
- computed tomography in detection of occult hypernephroma, Raval B; Lamki N, (Radiology), **150**: 296, 1984
- computed tomography of renal masses: pitfalls and anatomic variants, Zeman RK; Cronan JJ; Rosenfield AT; Choyke PL; Paushter DM; Clark KR; Jaffe MH; Schiebler ML, (Radiographics), 6: 351, 1986
- contrast medium pooling in cystic renal carcinoma: CT findings, Coleman BG; Arger PH; Pollack HM; et al. (JCAT), 8: 1208, 1984
- CT of acquired cystic kidney disease and renal tumors in long-term dialysis patients, Levine E; Grantham JJ; Slusher SL; et al, (AJR), 142: 125, 1984
- cystic renal cancers: CT characteristics, Parienty RA; Pradel J; Parienty I, (Radiology), 157: 741, 1985
- displaced calcium as a sign of transitional cell carcinoma in analgesic nephropathy, Marrocco F5; Leekam RN; Matzinger MA; et al, (J Canad Assoc Radiol), 37: 122, 1986
- flank mass and hypertension, Pollack H; Kenney PJ; McAfee JG; et al, (AJR), 146: 67,
- imaging approach to the suspected renal mass, Zeman RK; Cronan JJ; Rosenfield AT; et al, (Radiol Clin North Am), 23: 503, 1985
- incidence of carcinoma of the renal cyst wall (results of 22,000 sonographic examinations), Weiss H; Ludwig G; Weiss A; et al, (Radiology), 150: 300, 1984
- intraoperative ultrasound guidance for needle biopsy of a contralateral intrarenal "tumorlet" in a child with Wilms' tumor, Rosenberg HK; Templeton J; Chatten J; et al, (J Ultrasound Med), 4: 311, 1985
- intrarenal chloroma causing obstructive nephropathy: CT characteristics, Breatnach E; Stanley RJ; Carpenter JT Jr, (JCAT), 9: 822, 1985
- lipomatous tumors of the liver: evaluation with CT and US, Roberts JL; Fishman EK; Hartman DS; Sanders RC; Goodman ZD; Siegelman SS, (Radiology), 158: 613, 1986
- magnetic resonance imaging in the diagnosis and staging of renal and perirenal neoplasms, Hricak H; Demas BE; Williams RD; McNamara MT; Hedgcock MW; Amparo EG; Tanagho EA, (Radiology), **154**: 709, 1985
- metastatic neoplasms to the kidney studied by computed tomography and sonography, Mitnick JS; Bosniak MA; Rothberg M; et al, (JCAT), 9: 43, 1985
- prenatal ultrasonographic diagnosis of fetal renal tumors, Giulian BB, (Radiology), **152**: 69, 1984
- recurrent pheochromocytoma: intrarenal and pulmonary spread, Puech JL; Song MY; Rousseau H; et al, (Urol Radiol), 8: 49, 1986
- renal and scapular masses in a 57-year-old woman, van der Vliet AH; Ling D, (Urol Radiol), 8: 56, 1986
- renal cell carcinoma complicating long-term dialysis: computed tomography-guided aspiration cytology, Nunez D Jr; Yrizarry JM; Nadji M; et al, (CT), 10: 61, 1986
- renal cell carcinoma in the first two decades of life, Chan HSL; Daneman A; Gribbin M; et al, (Radiology), 151: 548, 1984

- renal lymphoma, Heiken JP; McClennan BL; Gold RP, (Semin US CT MR), 7: 58, 1986
- renal malignancies: outcome of patients in stage 4 with or without embolization stage 4 with or without embolization procedure, Bakke A; Goethlin J; Hoisaeter PA, (Radiology), 159: 571, 1986 renal oncocytoma, Giuffre GM; Gulliver DJ, (Radiology), 157: 849, 1985
- renal oncocytoma: benign tumour on the increase, White MA; Taylor JS; Murugasu R, (Radiology), 159: 571, 1986
- renal oncocytoma: diagnostic and therapeutic dilemma, Maatman TJ; Novick AC; Tancinco BF; et al, (Radiology), 156: 267,
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course, Curry NS; Schabel SI; Betsill WL Jr, (Radiology), 158: 113, 1986
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course, Levine E, (Radiology), **159**: 817, 1986
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course: reply, Curry NS; Schabel SI; Betsill WL Jr, (Radiology), 159: 817, 1986
- transitional cell carcinoma of the kidney with invasion of the renal vein, Hartmann DS; Pyatt RS; Dailey E, (Radiology), **150**: 855, 1984
- ultrasonographically indeterminate renal parapelvic masses, Dorne HL; Hiams B; Cassoff J, (Radiology), 155: 851, 1985 Wilms tumor in children: abdominal CT and US evaluation, Reiman TAH; Siegel MJ; Shackelford GD, (Radiology), 160: 501, 1986

### Kidney neoplasms, angiography

- angiographic patterns of involvement in renal and perirenal lymphoma, Jafri SZH; Amendola MA; Brady TM; et al, (Radiology), 153: 561, 1984
- digital subtraction angiography in the preoperative evaluation of patients with a renal tumor, Prager P; Hoevels J; Georgi M, (Radiology), 154: 559, 1985
- intravenous digital subtraction angiography in the preoperative evaluation of renal masses, Ford KK; Braun SD; Miller GA Jr; et al, (AJR), 145: 323, 1985
- renal oncocytoma: new observations, Quinn MJ; Hartman DS; Friedman AC; Sherman JL; Lautin EM; Pyatt RS; Ho CK; Csere R; Fromowitz FB, (Radiology), 153: 49,
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course, Curry NS; Schabel SI; Betsill WL Jr, (Radiology), **158**: 113, 1986
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course, Levine E, (Radiology), **159**: 817, 1986
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course: reply, Curry NS; Schabel SI; Betsill WL Jr, (Radiology), 159: 817, 1986

# Kidney neoplasms, calcification

- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course, Curry NS; Schabel SI; Betsill WL Jr, (Radiology), 158: 113, 1986
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course, Levine E, (Radiology), **159**: 817, 1986
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course: reply, Curry NS; Schabel SI; Betsill WL Jr, (Radiology), 159: 817, 1986

# Kidney neoplasms, CT

- angio-computed tomography and dynamic computed tomography in staging of renal cell carcinoma, Lang EK, (Radiology), 151: 149, 1984
- atypical renal and pararenal hamartomas associated with lymphangiomyomatosis, Rumancik WM; Bosniak MA; Rosen RJ; et al, (AJR), 142: 971, 1984
- characteristics of hypernephromas as seen with ultrasound and computed tomography, Pamilo M; Suramo I; Paivansalo M, (Radiology), 151: 560, 1984
- clandestine renal cell carcinoma: atypical appearances and presentations, Foster WL Jr; Halvorsen RA Jr; Dunnick NR, (Radiographics), 5: 175, 1985
- computed tomographic evaluation of Wilm's tumor and neuroblastoma, Lowe RE; Cohen MD, (Radiographics), 4: 915, 1984

- computed tomography in urothelial tumors of renal pelvis and related filling defects, Cholankeril JV; Freundlich R; Ketyer S; et al, (CT), 10: 263, 1986
- computed tomography of perirenal metastas Shirkhoda A, (JCAT), 10: 435, 1986
- computed to (GCA), Most 1, 183, 1936 computed tomography of renal masses: pitfalls and anatomic variants, Zeman RK; Cronan JJ; Rosenfield AT; Choyke PL; Paushter DM; Clark LR; Jaffe MH; Schiebler ML, (Radiographics), 6: 351, 1986
- computerized tomography scan for diagnosis and staging of renal cell carcinoma, Richie JP, Garnick MB; Seltzer S; et al, (Radiology), 151: 271, 1984
- correlation of CT and ultrasound in the evaluation of C1 and ditrasound in the evaluation of renal lymphoma, Horii SC; Bosniak MA; Megibow AJ; et al, (Radiology), 150: 855, 1984
- CT appearance of Wilms tumor, Fishman EK; Hartman DS; Goldman SM; et al, (Radiology), **151**: 555, 1984
- cystic renal cancers: CT characteristics, Parienty RA; Pradel J; Parienty I, (Radiology), **157**: 741, 1985
- distinguishing neuroblastoma from Wilms tumor by computed tomography, Peretz GS; Lam AH, (JCAT), 9: 889, 1985
- hyperdense renal masses: a computed tomographic dilemma, Coleman BG; Arger PH; Mintz MC; et al, (AJR), **143**: 291, 1984
- renal oncocytoma: new observations, Quinn MJ; Hartman DS; Friedman AC; Sherman JL; Lautin EM; Pyatt RS; Ho CK; Csere R; Fromowitz FB, (Radiology), **153**: **49**,
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course, Curry NS; Schabel SI; Betsill WL Jr, (Radiology), **158**: 113, 1986
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course Levine E, (Radiology), **159**: 817, 1986
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course: reply, Curry NS; Schabel SI; Betsill WL Jr, (Radiology), **159**: 817, 1986
- Wilms tumor in children: abdominal CT and US evaluation, Reiman TAH; Siegel MJ; Shackelford GD, (Radiology), **160**: 501, 1986

# Kidney neoplasms, diagnosis

- changing patterns in the evaluation of renal masses: economic implications, Zimmer WD; Williamson B Jr; Hartman GW; et al, (AJR), 143: 285, 1984
- clandestine renal cell carcinoma: atypical appearances and presentations, Foster WL Jr; Halvorsen RA Jr; Dunnick NR, (Radiographics), 5: 175, 1985
- current radiological approach to renal cysts, Bosniak MA, (Radiology), **158**: 1, 1986
- focal renal masses: magnetic resonance imaging, Choyke PL; Kressel HY; Pollack HM; Arger PM; Axel L; Mamourian AC, (Radiology), 152: 471, 1984
- multiple oncocytomas and renal carcinoma, Velasquez G; Glass TA; D'Souza VJ; et al, (AJR), **142**: 123, 1984
- papillary renal cell carcinoma: CT and sonographic evaluation, Press GA; McClennan BL; Melson GL; et al, (AJR), 143: 1005, 1984
- prostatic carcinoma metastasis to the kidney: diagnosis by thin needle aspiration biopsy, Kutcher R; Greenebaum E; Rosenblatt R; et al, (Urol Radiol), 8: 98, 1986
- small, asymptomatic angiomyolipomas of the kidney. Bret PM; Bretagnolle M; Gaillard D; Plauchu H; Labadie M; Lapray J-F; Roullaud Y; Cooperberg PL, (Radiology), 154: 7, 1985
- ultrasonically guided fine needle aspiration biopsy of renal masses, Juul J; Torp-Pedersen S; Gronvall S; et al, (Radiology), 156: 570, 1985

# Kidney neoplasms, hemorrhage

- clandestine renal cell carcinoma: atypical appearances and presentations, Foster WL Jr; Halvorsen RA Jr; Dunnick NR, (Radiographics), 5: 175, 1985
- suprarenal haematoma versus neuroblastoma Apparents international versus neuroblaston complicated by haemorrhage: diagnostic dilemma in the newborn, Eklof O; Mortensson W; Sandstedt B, (Acta Radiol [Diagn]), 27: 3, 1986

#### Kidney neoplasms, metastases

- computed tomography of perirenal metastas Shirkhoda A, (JCAT), 10: 435, 1986
- infarction-nephrectomy for metastatic renal carcinoma, Gottesman JE; Crawford ED; Grossman HB; et al, (Radiology), **156**: 564,
- metastatic renal cell carcinoma manifesting as a nasal mass: CT findings, Hayes E; Weber AL; Davis KR; et al, (JCAT), 9: 387, 1985
- metastatic Wilms' tumor causing acute hepatic-vein occlusion (Budd-Chiari syndrome), Schraut WH; Chilcote RR, (Radiology), **156**:
- osseous metastases from renal cell carcinoma secus metastases from renai cen carcinoma: embolization and surgery for restoration of function. work in progress, Rowe DM; Becker GJ; Rabe FE; Holden RW; Richmond BD; Wass JL; Sequeira FW, (Radiology), **150**: 673, 1984
- therapeutic embolization of pelvic metastases of renal cell carcinoma, Varma J; Huben RP; Wajsman Z; et al, (Radiology), 153: 848, 1984
- value of routine radionuclide bone scans in renal cell carcinoma, Blacher E; Johnson DE; Haynie TP, (Radiology), **159**: 571, 1986

#### Kidney neoplasms, MR studies

- magnetic resonance imaging in the diagnosis and staging of renal and perirenal neoplasms, Hricak H; Demas BE; Williams RD; McNamara MT; Hedgcock MW; Amparo EG; Tanagho EA, (Radiology), 154: 709, 1985
- MRI of Wilms' tumor: promise as the primary imaging method, Belt TG; Cohen MD; Smith JA; et al, (AJR), 146: 955, 1986
- scar sign of renal oncocytoma: magnetic resonance imaging appearance and lack of specificity, Ball DS; Friedman AC; Hartman DS; et al, (Urol Radiol), 8: 46, 1986

#### Kidney neoplasms, radionuclide studies

- cost effective analysis of prenephrectomy radioisotope scans in renal cell carcinom Lindner A; Goldman DG; deKernion JB, (Radiology), 151: 562, 1984
- "hot spot" on gallium-67-citrate scan in renal cell carcinoma. clinicopathological and biochemical correlation, Kawamura J; Itoh H; Yoshida O; et al, (Radiology), 155: 863, 1985
- ring-like uptake pattern of a skeletal imaging agent in a huge renal cell carcinoma, Shih W-J; DeLand FH; Domstad PA; et al, (Clin Nucl Med), 11: 319, 1986
- technetium-99m DMSA abnormal uptake by metastatic lesion of a renal cell carcinoma, Kosuda S; Hirono Y; Yoshinaga H; et al, (Clin Nucl Med), 11: 432, 1386

# Kidney neoplasms, rupture

clandestine renal cell carcinoma: atypical appearances and presentations, Foster WL Jr; Halvorsen RA Jr; Dunnick NR, (Radiographics), 5: 175, 1985

#### Kidney neoplasms, secondary

- metastatic deposits from a previously treated carcinoma of the lung presenting as a renal cell carcinoma, Bailey MJ; Williams JE; Riddle PR, (Br J Radiol), **59:** 333, 1986
- prostatic carcinoma metastasis to the kidney: diagnosis by thin needle aspiration biopsy, Kutcher R; Greenebaum E; Rosenblatt R; et al, (Urol Radiol), 8: 98, 1986

# Kidney neoplasms, staging

- accuracy of computed tomography in staging of kidney tumors, Jaschke W; Kaick G; Peter S; et al, (Radiology), **150**: 614, 1984
- comparison of dynamic and conventional computed tomography, angiography, and ultrasonography in the staging of renal cell carcinoma, Lang EK, (Radiology), **156**: 267,
- digital subtraction angiography in staging renal cell carcinoma: comparison with computerized tomography and histopathology, Engelmann U; Schaub T; Schweden F; et al, (Radiology), 156: 267, 1985
- magnetic resonance imaging in the diagnosis and staging of renal and perirenal neoplasms, Hricak H; Demas BE; Williams RD; McNamara MT; Hedgcock MW; Amparo EG; Tanagho EA, (Radiology), 154: 709, 1985

# Kidney neoplasms, therapeutic radiology

postoperative irradiation of transitional cell carcinoma of the renal pelvis and ureter, Brookland RK; Richter MP, (Radiology), 157: 864, 1985

- Kidney neoplasms, therapy feasibility of surgical enucleation for renal cell carcinoma, Marshall FF; Taxy JB; Fishman EK, et al. (Radiology), 160: 284,
  - hypertension with renal carcinoma. an effect of arterial embolization, Alavi JB; McLean GK, (Radiology), **151**: 261, 1984
  - infarction-nephrectomy for metastatic renal carcinoma, Gottesman JE; Crawford ED; Grossman HB; et al, (Radiology), 156: 564, 1985
- preoperative angioinfarction of localized renal cell carcinoma using absolute ethanol, Klinberg I; Hunter P; Hawkins IF; et al, (Radiology), 156: 271, 1985
- renal abscess: complication of ethanol embolization, Tupper TB; Cronan JJ; Wald LM; Dorfman GS, (Radiology), **161**: 35, 1986
- renal cell carcinoma—angioinfarction, Mebust WK; Weigel JW; Lee KR; et al, (Radiology), 153: 272, 1984
- role of preoperative embolization in renal cell carcinoma, Kaisary AV; Williams G; Riddle PR, (Radiology), 153: 848, 1984
- treatment of renal cell carcinoma with renal infarction, delayed nephrectomy, medroxyprogesterone, and xenogeneic immune RNA, Weigel JW; Mebust WK; Foret JD; et al., (Radiology), 156: 563, 1985
- value of transvascular embolization in the treatment of renal carcinoma, Christensen K; Dyreborg U; Anderson JF; et al., (Radiology), **156**: 564, 1985

# Kidney neoplasms, US studies

- characteristics of hypernephromas as seen with ultrasound and computed tomography, Pamilo M; Suramo I; Paivansalo M, (Radiology), 151: 560, 1984
- (Radiology), 191. 300, 1790 clandestine renal cell carcinoma: atypical appearances and presentations, Foster WL Jr; Halvorsen RA Jr; Dunnick NR, (Radiographics), 5: 175, 1985
- correlation of CT and ultrasound in the evaluation of renal lymphoma, Horii SC; Bosniak MA; Megibow AJ; et al, (Radiology), 150: 855, 1984
- rapidly expanding mass in a neonate, Kremer SM; Rosenberg HK; Sherman NH; et al, (JCU), **14**: 569, 1986
- real-time sonographic diagnosis of a carcinoma in a renal cyst, Dery R; Lewandowski B; Richard L, (Radiology), **156**: 282, 1985
- renal carcinoma: duplex Doppler evaluation, Dubbins PA; Wells I, (Br J Radiol), 59: 231,
- renal cell carcinoma: unusual sonographic appearance, Katz JF; Nichols L; Kane RA; et al, (J Ultrasound Med), 5: 517,
- renal oncocytoma: new observations, Quinn MJ; Hartman DS; Friedman AC; Sherman JL; Lautin EM; Pyatt RS; Ho CK; Csere R; Fromowitz FB, (Radiology), 153: 49, 1984
- renal oncocytoma: sonographic analysis of 14 cases, Goiney RC; Goldenberg L; Cooperberg PL; et al, (AJR), 143: 1001, 1984
- renal sonography in American Burkitt lymphoma, Strauss S; Libson E; Schwartz E; et al, (AJR), 146: 549, 1986
- small, asymptomatic angiomyolipomas of the kidney, Bret PM; Bretagnolle M; Gaillard D; Plauchu H; Labadie M; Lapray J-F; Roullaud Y; Cooperberg PL, (Radiology), 154: 7, 1985
- sonographic patterns of renal cell carcinoma with emphasis on relation to tumor size, Sugimoto S; Tsujimoto F; Kato Y; et al, (Radiology), 154: 861, 1985
- sonography in transitional cell carcinoma of the renal pelvis, Grant DC; Dee GJ; Yoder IC; et al, (Urol Radiol), 8: 1, 1986
- ultrasonographic determinations of renal mass and renal volume, Jones TB; Riddick LR; Harpen MD; et al, (Radiology), 151: 559, 1984
- ultrasound of Wilms' tumor, De Campo JF, (Pediatr Radiol), 16: 21, 1986

- Wilms' tumor detection in patients with sporadic aniridia: successful use of ultrasound, Friedman AL, (Radiology), 161:
- Wilms tumor in children: abdominal CT and US evaluation, Reiman TAH; Siegel MJ; Shackelford GD, (Radiology), **160**: 501, 1986

# Klippel-Feil syndrome

See Spine, abnormalities

- case report 348, Present DA; Bertoni F; Enneking WF, (Skeletal Radiol), 15: 82, 1986 case report 348, Present DA; Bertoni F; Enneking WF, (Skeletal Radiol), 15: 236, 1986
- indications for the treatment of deep venous thrombosis following total knee replacement, Lotke PA; Ecker ML; Alavi A; et al, (Radiology), **153**: 847, 1984

#### Knee, abnormalities

- detection of intra-articular osteochondral detection of intra-articular osteochondral bodies in the knee using computed arthrotomography, Sartoris DJ; Kursunoglu S, Pineda C; Kerr R; Pate D; Resnick D, (Radiology), 155: 447, 1985 idiopathic or primary windswept deformity: the etiological significance of the radiological findings, Oni OOA; Keswani H, (Radiology), 154: 276, 1985
- (Radiology), 169-276, 1986 meniscal abnormalities: prospective correlation of double-contrast arthrography and arthroscopy, Dumas J-M; Edde DJ, (Radiology), 160: 453, 1986
- radiology of postnatal skeletal development: X. patella and tibial tuberosity, Ogden JA, (Radiology), **154**: 558, 1985

### Knee, anatomy

- high-resolution magnetic resonance imaging of the knee joint: normal anatomy, Reicher MA; Rauschning W; Gold RH; et al, (AJR), 145: 895, 1985
- knee injuries: high-resolution MR imaging, Gallimore GW Jr; Harms SE, (Radiology), 160: 457, 1986

#### Knee, arthritis

- chronic knee pain assessed by SPECT: comparison with other modalities, Collier BD; Johnson RP; Carrera GF; Isitman AT; Veluvolu P; Knobel J; Hellman RS; Barthelemy CS, (Radiology), 157: 795, 1985
- detection of intra-articular osteochondral bodies in the knee using computed arthrotomography, Sartoris DJ; Kursunoglu S; Pineda C; Kerr R; Pate D; Resnick D, (Radiology), **155**: 447, 1985
- lyme arthritis: radiologic findings, Lawson JP; Steere AC, (Radiology), **154**: 37, 1985
- sonographic evaluation of the cartilage of the knee, Aisen AM; McCune WJ; MacGuire A; Carson PL; Silver TM; Jafri SZ; Martel W, (Radiology), 153: 781, 1984

# Knee, arthrography

- arthrographic recognition of the mediopatellar plica of the knee, Dory MA, (Radiology), 150: 608, 1984
- arthrography and the medial compartment of the patello-femoral joint, Thijn CJP; Hillen B, (Radiology), **154**: 557, 1985
- chronic knee pain assessed by SPECT: comparison with other modalities, Collier BD; Johnson RP; Carrera GF; Isitman AT; Veluvolu P; Knobel J; Hellman RS; Barthelemy CS, (Radiology), 157: 795, 1985
- comparative study of iohexol and meglumine iothalamate in double-contrast knee arthrography, Belli A; Renton P; Stoker DJ, (Radiology), **155**: 549, 1985
- comparison of Hexabrix and Renografin-60 in knee arthrography, Apple JS; Martinez S; Khoury MB; et al, (AJR), 145: 139, 1985
- contrast media in double-contrast arthrography of the knee: comparison of ioxaglate and iothalamate preparations, Ingram C; Stoker DJ, (Br J Radiol), 59: 143, 1986
- cruciate ligament injury: diagnostic difficulties in the presence of meniscal injury, Wolfe RD; Dieden JD, (Radiology), **157:** 19,
- detection of intra-articular osteochondral bodies in the knee using computed arthrotomography, Sartoris DJ; Kursunoglu S; Pineda C; Kerr R; Pate D; Resnick D, (Radiology), 155: 447, 1985

- double contrast arthrography of the knee: comparison between three contrast media, Lassonen EM; Lindholm A, (Radiology), 151: 820, 1984
- knee arthrography: a practical approach, Wolfe RD, Reviewed by El-Khoury GY, (Radiology), **153**: 610, 1984
- (Nationeyy, 155, 510, 170, 170).

  knee arthrography: effects of various contrast media and epinephrine on synovial fluid, Corbetti F; Malatesta V; Camposampiero A; Mazzi A; Punzi L; Angelini F; Vigo M; Todesco S, (Radiology), 161: 195, 1986
- knee arthrography today, Kaye JJ, (Radiology), 157: 265, 1985
- locking and unlocking of the knee: arthrographic demonstration, Salazar JE; Duke RA; Winer-Muram HT, (AJR), 146: 575,
- meniscal abnormalities: prospective correlation of double-contrast arthrography and arthroscopy, Dumas J-M; Edde DJ, (Radiology), 160: 453, 1986
- meniscal tears of the knee: evaluation by high-resolution CT combined with arthrography, Ghelman B, (Radiology), 157: 23, 1985
- meniscal tears on knee arthrography: patterns of arthrographic abnormalities, De Smet AA, (Radiology), 159: 572, 1986
- meniscotibial (coronary) ligament tears, El-Khoury GY; Usta HY; Berger RA, (Radiology), **154**: 557, 1985
- meniscus tears of the knee: prospective evaluation with CT, Manco LG; Kavanaugh JH; Fay JJ; Bilfield BS, (Radiology), **159**: **147**, **1986**
- prone and supine views in double-contrast knee arthrography, Hammond DI; Liver JA, (Radiology), 155: 549, 1985
- suprapatellar plica synovialis: a common arthrographic finding, SanDretto MA; Wartinbee DR; Carrera GF; et al, (Radiology), **150**: 856, 1984

- computed arthrotomography with multiplanar reformations and three-dimensional image analysis in the evaluation of the cruciate ligaments: preliminary investigation, Kursunoglu S; Pate D; Resnick D; et al, (J Canad Assoc Radiol), 37: 153, 1986
- computed tomographic findings of popliteal cysts, Lee KR; Tines SC; Price HI; et al, (Radiology), **153**: 279, 1984
- computed tomography of the knee joint: clinical results, Passariello R; Trecco F; De Paulis F; et al, (Radiology), 152: 862, 1984
- computed tomography of the knee joint: technique of study and normal anatomy, Passariello R; Trecco F; De Paulis F; et al, (Radiology), 152: 862, 1984
- CT demonstration of capsuloligamentous lesions of the knee joint, Passariello R; Trecco F; De Paulis F; et al, (JCAT), 10: 450,
- detection of intra-articular osteochondral bodies in the knee using computed arthrotomography, Sartoris DJ; Kursunoglu S; Pineda C; Kerr R; Pate D; Resnick D, (Radiology), 155: 447, 1985
- knee arthrography today, Kaye JJ, (Radiology), 157: 265, 1985
- meniscal lesions of the knee joint: CT diagnosis, Passariello R; Trecco F; de Paulis F; Masciocchi C; Bonanni G; Zobel BB, (Radiology), 157: 29, 1985
- meniscal tears of the knee: evaluation by high-resolution CT combined with arthrography, Ghelman B, (Radiology), 157: 23, 1985
- meniscus tears of the knee: prospective evaluation with CT, Manco LG; Kavanaugh JH; Fay JJ; Bilfield BS, (Radiology), 159: 147, 1986
- normal findings and pathological changes of the ligamentum patellae on CT, Lehner K; Reiser M; Biehl T, (Radiology), **158**: 570,
- synovial cysts of the knee: CT evaluation, Schwimmer M; Edelstein G; Heiken JP; Gilula LA, (Radiology), 154: 175, 1985
- thorn synovitis: CT diagnosis, Klein B; McGahan JP, (JCAT), 9: 1135, 1985

#### Knee, cysts

calcified bodies in a giant Baker cyst. a case report, Hertzanu Y; Mendelsohn DB; Firer P, (Radiology), 154: 849, 1985

- computed tomographic findings of popliteal cysts, Lee KR; Tines SC; Price HI; et al, (Radiology), **153**: 279, 1984
- giant synovial cysts, Fedullo LM; Bonakdarpour A; Moyer RA; et al, (Radiology), 154: 849, 1985
- robliteal cysts and deep venous thrombosis: Tc-99m red blood cell venography, Littlejohn GO; Brand CA; Ada A; Wong C, (Radiology), 155: 237, 1985
- synovial cysts of the knee: CT evaluation, Schwimmer M; Edelstein G; Heiken JP; Gilula LA, (Radiology), 154: 175, 1985

#### Knee, fractures

- lateral longitudinal stress fracture of the patella: report of three cases, Iwaya T; Takatori Y, (Radiology), **156**: 860, 1985
- Segond tibial condyle fracture: lateral capsular ligament avulsion, Dietz GW; Wilcox DM; Montgomery JB, (Radiology), **159**: 467, 1986

#### Knee, injuries

- acute injury of the ligaments of the knee: magnetic resonance evaluation, Turner DA; Prodromos CC; Petasnick JP; Clark JW, (Radiology), 154: 717, 1985
- (kaulongy), 1947 17, 1965 chronic knee pain assessed by SPECT: comparison with other modalities, Collier BD; Johnson RP; Carrera GF; Isitman AT; Veluvolu P; Knobel J; Hellman RS; Barthelemy CS, (Radiology), 157, 705 106 157: 795, 1985
- comparison of overhead and cross-table lateral views for detection of knee-joint effusion, Singer AM; Naimark A; Felson D; et al, (AJR), 144: 973, 1985
- cruciate ligament injury: diagnostic difficulties in the presence of meniscal injury, Wolfe RD; Dieden JD, (Radiology), 157: 19,
- CT demonstration of capsuloligamentous lesions of the knee joint, Passariello R; Trecco F; De Paulis F; et al, (JCAT), 10: 450,
- detection of intra-articular osteochondral bodies in the knee using computed arthrotomography, Sartoris DJ; Kursunoglu S; Pineda C; Kerr R; Pate D; Resnick D, (Radiology), 155: 447, 1985 double fat fluid level: lipohemarthrosis of the knee associated with suprapatellar plica synovialis, SanDretto MA; Carrera GF, (Radiology), 153: 269, 1984
- high-resolution magnetic resonance imaging of the knee joint: pathologic correlations, Reicher MA; Bassett LW; Gold RH, (AJR), 145: 903, 1985
- knee arthrography today, Kaye JJ, (Radiology), 157: 265, 1985
- knee injuries: high-resolution MR imaging. Gallimore GW Jr; Harms SE, (Radiology), 160: 457, 1986
- locking and unlocking of the knee: arthrographic demonstration, Salazar JE; Duke RA; Winer-Muram HT, (AJR), 146: 575,
- meniscal injuries: detection using MR imaging, Reicher MA; Hartzman S; Duckwiler GR; Bassett LW; Anderson LJ; Gold RH, (Radiology), 159: 753, 1986
- meniscal lesions of the knee joint: CT diagnosis, Passariello R: Trecco F; de Paulis F; Masciocchi C; Bonanni G; Zobel BB, (Radiology), 157: 29, 1985
- meniscal tears: MR demonstration of experimentally produced injuries, Beltran J; Noto AM; Mosure JC; Bools JC; Zuelzer WA; Christoforidis AJ, (Radiology), 158: 691, 1986
- meniscal tears of the knee: evaluation by high-resolution CT combined with arthrography, Ghelman B, (Radiology), 157: 23, 1985
- meniscal tears on knee arthrography: patterns of arthrographic abnormalities, De Smet AA, (Radiology), 159: 572, 1986
- meniscus tears of the knee: prospective evaluation with CT, Manco LG; Kavanaugh JH; Fay JJ; Bilfield BS, (Radiology), 159: 147, 1986
- Segond tibial condyle fracture: lateral capsular ligament avulsion, Dietz GW; Wilcox DM; Montgomery JB, (Radiology), 159: 467, 1986
- thorn synovitis: CT diagnosis, Klein B; McGahan JP, (JCAT), 9: 1135, 1985

# Knee, MR studies

1.5-T surface-coil MRI of the knee, Burk DL Jr; Kanal E; Brunberg JA; et al, (AJR), 147: 293,

acute injury of the ligaments of the knee: magnetic resonance evaluation, Turner DA; Prodromos CC; Petasnick JP; Clark JW, (Radiology), **154**: 717, 1985

high-resolution magnetic resonance imaging of the knee joint: normal anatomy, Reicher MA; Rauschning W; Gold RH; et al, (AJR), 145: 895, 1985

high-resolution magnetic resonance imaging of the knee joint: pathologic correlations, Reicher MA; Bassett LW; Gold RH, (AJR), 145: 903, 1985

145: 903, 1985 high-resolution MR imaging using loop-gap resonators: work in progress, Kneeland JB; Jesmanowicz A, Froncisz W; Grist TM; Hyde JS, (Radiology), 158: 247, 1986 joint effusions: MR imaging, Beltran J; Noto AM; Herman LJ; Mosure JC; Burk JM; Christoforidis AJ, (Radiology), 158: 133, 1986

knee injuries: high-resolution MR imaging, Gallimore GW Jr; Harms SE, (Radiology), 160: 457, 1986

knee: surface-coil MR imaging at 1.5 T, Beltran J; Noto AM; Mosure JC; Weiss KL; Zuelzer WA; Christoforidis AJ, (Radiology), 159: 747, 1986

magnetic resonance imaging of the ligaments and menisci of the knee, Li DKB; Adams ME; McConkey JP, (Radiol Clin North Am), 24: 209, 1986

meniscal injuries: detection using MR imaging, Reicher MA; Hartzman S; Duckwiler GR; Bassett LW; Anderson LJ; Gold RH, (Radiology), **159**: 753, 1986

meniscal tears: MR demonstration of experimentally produced injuries, Beltran J; Noto AM; Mosure JC; Bools JC; Zuelzer WA; Christoforidis AJ, (Radiology), 158: 691, 1986

Rinsdording (All Rinds), Reading (Francis), 150 MR imaging of hemophiliac arthropathy, Kulkarni MV; Drolshagen LF; Kaye JJ; et al, (JCAT), 16: 445, 1986 MR imaging of the normal knee, Li KC; Henkelman RM; Poon PY; et al, (JCAT), 8: 1147, 1984

114/, 1994
rotator cuff tears: preliminary application of high-resolution MR imaging with counter rotating current loop-gap resonators, Kneeland JB: Carrera GF: Middleton WD: Campagna NF: Ryan LM; Jesmanowicz A; Froncisz W; Hyde JS, (Radiology), 160: 695, 1997

three-dimensional MR imaging of the knee using surface coils, Harms SE; Muschler G, (JCAT), 10: 773, 1986

true 3-D imaging of limbs of NMR zeugmatography with off-resonance irradiation, Muller RN; Marsh MJ; Bernardo ML; et al, (Radiology), **151**: 829,

Knee, neoplasms
case report 383, Kouwenberg JJ; Simons AJ,
(Skeletal Radiol), 15: 484, 1986

Knee, prostheses

complications of total knee replacement, Lovelock JE; Griffiths HJ;

Lovelock JE; Griffiths HJ; Silverstein AM; et al, (AJR), 142: 985, 1984 failure of total condylar knee replacement. correlation of radiographic, clinical, and surgical findings, Schneider R; Abenavoli AM; Soudry M; Insall J, (Radiology), 152: 309, 1984

(Radiology), 152: 509, 1964 knee prostheses, Schneider R; Goldman AB; Insall JN, (Semin Roentgenol), 21: 29, 1986 tibiofemoral alignment and the results of knee replacement, Tew M; Waugh W, (Radiology), 158: 570, 1986

Knee, radiography

axial view of the patello-femoral joint: description of a new radiographic method for routine use, Egund N. (Acta Radiol [Diagn]), 27: 101, 1986

comparison of overhead and cross-table lateral views for detection of knee-joint effusion, Singer AM; Naimark A; Felson D; et al, (AJR), 144: 973, 1985

Segond tibial condyle fracture: lateral capsular ligament avulsion, Dietz GW; Wilcox DM; Montgomery JB, (Radiology), **159**: 467, 1986

use of radiographic projections of knee, Cockshott WP; Racoveanu NT; Burrows DA; et al, (Radiology), **157**: 567,

Knee, radionuclide studies

chronic knee pain assessed by SPECT: comparison with other modalities, Collier BD; Johnson RP; Carrera GF; Isitman AT; Veluvolu P; Knobel J; Hellman RS; Barthelemy CS, (Radiology), 157: 795, 1985

"hot" patella on bone images, Lin DS, (Semin Nucl Med), 16: 218, 1986 "hot patella" sign: is it of any clinical significance' concise communication, Fogelman I; McKillop JH; Gray HW, (Radiology), 151: 562, 1984

Knee, surgery

inee, surgery
arterial complications of total knee
replacement, McAuley CE; Steed DL;
Webster MW, (Radiology), 155: 274, 1985
failure of total condylar knee replacement.
correlation of radiographic, clinical, and
surgical findings, Schneider R;
Abenavoli AM: Soudry M; Insall J,
(Radiology), 152: 309, 1984

supracondylar fracture of the femur after total knee arthroplasty, Merkel KD; Johnson EW Jr, (Radiology), **160**: 285, 1986

Knee, US studies

high resolution sonography of the menisci of the knee, Selby B; Richardson ML; Montana MA; et al, (Invest Radiol), 21: 332,

knee, Aisen AM; McCune WJ; MacGuire A; Carson PL; Silver TM; Jafri SZ; Martel W, (Radiology), 153: 781, 1984

reliminary observations, Fornage BD; Rifkin MD; Touche DH; et al. (AJR), 143:

ultrasonographic detection of the patellar plica in the knee, Derks WHJ; de Hooge P; van Linge B, (JCU), 14: 355, 1986

specific CT findings in Krabbe disease, Kwan E; Drace J; Enzmann D, (AJNR), 5: 453, 1984

Krypton, radioactive

assessment of right ventricular function and anatomy using peripheral vein infusion of krypton 81m, Sugrue DD; Kamal S; Deanfield JE; et al, (Radiology), **151**: 277,

evaluation of the accuracy of steady-state krypton-81m method for calculating right ventricular ejection fraction, Ham HR; Franken PR; Georges B; et al, (J Nucl Med), 27: 593, 1986

gated right ventricular studies using krypton-81m: comparison with first-pass studies using gold-195m, Caplin JL; Flatman WD; Dymond DS, (J Nucl Med), 27: 602, 1986

Bymond D.S. () Nucl med), 27: 602, 1966 Kr-81m ventilation imaging: clinical utility in suspected pulmonary embolism, Rosen JM; Biello DR; Siegel BA; Seldin DW; Alderson PO, (Radiology), **154**: 787, 1985

krypton-79m: new radionuclide for applications in nuclear medicine, Myers WG; Dahl JR; Graham MC, (J Nucl Med), 27: 1436, 1986

Kymography

ymography
rotational kymography: technique for
automated analysis of cine left
ventriculograms, Cragg AH; Lund G;
Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, (Radiology), 150: 260, 1984

Kyphosis

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L

Lacrimal gland and duct
CT of the inferomedial orbit and the lacrimal drainage apparatus: normal and pathologic anatomy, Russell EJ; Czervionke LF; Huckman MS; et al, (AJNR), 6: 759, 1985

lacrimal drainage system inflammatory masses from retained silicone tubing, Dresner SC; Codere F; Brownstein S; et al, (Radiology), 156: 861, 1985

mucoepidermoid carcinomas of the lacrimal sac, Ni C; Wagoner MD; Wang W-J; et al, (Radiology), 152: 260, 1984

Lacrimal gland and duct, radiography nasolacrimal dysfunction, Powell JB II, (Radiology), **150**: 863, 1984

Lacrimal gland and duct, radionuclide studies lacrimal dacryoscintigraphy, Denffer Hv; Dressler J; Pabst HW, (Semin Nucl Med), 14: Lactobezoar

human milk lactobezoars, Yoss BS (Radiology), 156: 276, 1985

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Laryngocele

computed tomographic appearance of laryngoceles, Mendelsohn DB; Hertzanu Y; Glass RBJ, (Radiology), 153: 571, 1984 dysphagia due to simultaneous laryngocele and Zenker's diverticulum, Birt BD, (Radiology), 157: 858, 1985

laryngeal amyloidosis and laryngocele, Schild JA; Grybauskas VT; Mafee MF, (Radiology), **151**: 827, 1984

Laryngogram

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airway-obstructing epiglottic cyst, Henderson LT; Denneny JC III; Teichgraeber J, (Radiology), **161**: 861, 1986

Larynx, abnormalities

ongenital laryngeal saccular cyst of the newborn, Abramson AL; Zielenski B, (Radiology), **157:** 572, 1985

congenital laryngeal webs, Benjamin B, (Radiology), 151: 822, 1984 (Radiology), 151, 527, 754 cricoarytenoiditis: CT assessment in rheumatoid arthritis, Brazeau-Lamontagne L; Charlin B; Levesque R-Y; Lussier A, (Radiology), 158: 463, 1986

defective closure of the laryngeal vestibule: frequency of pulmonary complications, Ekberg O; Hilderfors H, (AJR), 145: 1159,

Larynx, abscess

laryngeal perichondritis and abscess, Souliere CR Jr; Kirchner JA, (Radiology), 159: 574, 1986

Larynx, anatomy

larynx, anatomy
laryngeal saccule: radiological features in
normal children and in upper airways
obstructions, Claudon M; Lemaitre L;
Francke JP; et al, (Radiology), 153: 566, 1984
laryngeal spaces and lymphatics: current
anatomic concepts, Welsh LW; Welsh JJ;
Rizzo TA Jr, (Radiology), 151: 828, 1984
larynx and hypopharynx: MR imaging with
surface coils, Lufkin RB; Hanafee WN;
Wortham DC; Hoover LA, (Radiology), 158:
747, 1986

arynx, CT arytenoid dislocation and computed tomography, Dudley JP; Mancuso AA; Fonkalsrud EW, (Radiology), 155: 555, 1985 carcinoma of the larynx and hypopharynx; computed tomographic-histopathologic correlations, Silverman PM; Bossen EH; Fisher SR; Cole TB; Korobkin M; Halvorsen RA, (Radiology), 151: 697, 1984

cine CT technique for dynamic airway studies, Ell SR; Jolles H; Keyes WD; et al, (AJR), **145**: 35, 1985

35, 1985
computed tomographic appearance of laryngoceles, Mendelsohn DB; Hertzanu Y; Glass RBJ, (Radiology), 153: 571, 1984
cricoarytenoiditis: CT assessment in rheumatoid arthritis, Brazeau—Lamontagne L; Charlin B; Levesque R-Y; Lussier A, (Radiology), 158: 463, 1986
CT of laryngeal tumors, Horowitz BL; Woodson GE; Bryan RN, (Radiol Clin North Am), 22: 265, 1984
CT of the normal larvnx. Mafee ME (Padiol

CT of the normal larynx, Mafee MF, (Radiol Clin North Am), 22: 251, 1984

imaging the laryngopharynx, Lufkin RB; Hanafee WN, (Semin US CT MR), 7: 166,

improved diagnostic accuracy in laryngeal cancer using a new classification based on computed tomography, Archer CR; Yeager VL; Herbold DR, (Radiology), **152**: 860, 1984

laryngocele, Schild JA, Grybauskas VT; Mafee MF, (Radiology), **151**: 827, 1984

laryngeal carcinoma: high-resolution computed tomography and thick anatomic sections, Reid MH, (Radiology), 151: 689,

larynx and hypopharynx: MR imaging with surface coils, Lufkin RB; Hanafee WN; Wortham DG; Hoover LA, (Radiology), **158**:

manual strangulation injuries of the larynx, Stanley RB Jr, Hanson DG, (Radiology), **150**: 864, 1984

medullary space involvement in laryngeal carcinoma: computed tomographic demonstration, Silverman PM, (Radiology), 159: 823, 1986

neck after total laryngectomy: CT study, DiSantis DJ; Balfe DM; Hayden RE; Sagel SS; Sessions D; Lee JKT, (Radiology), **153**: 713,

1984
neck after vertical hemilaryngectomy:
computed tomographic study, DiSantis DJ;
Balfe DM; Hayden RE; Sessions D; Sagel SS,
(Radiology), 151: 683, 1984
preoperative CT scan evaluation for laryngeal
carcinoma: correlation with pathological
findings, Hoover LA; Calcaterra TC;
Walter GA; et al. (Radiology), 154: 566, 1985

Larvnx, diseases

laryngeal involvement in uncontrolled Hodgkin's disease, Al-Kutoubi MA; Patel PR; Coulter C, (Radiology), 157: 572, 1985

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arytenoid dislocation and computed
tomography, Dudley JP; Mancuso AA;
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laryngeal trauma, Hirano M; Kurita S;
Terasawa R, (Radiology), 157: 284, 1985
manual strangulation injuries of the larynx,
Stanley RB Jr; Hanson DG, (Radiology), 150:
864, 1984

Larvnx, MR studies

application of surface coils to MR anatomy of the larynx, Lufkin RB; Hanafee WN, (AJNR), 6: 491, 1985

imaging the laryngopharynx, Lufkin RB; Hanafee WN, (Semin US CT MR), 7: 166,

larynx and hypopharynx: MR imaging with surface coils, Lufkin RB; Hanafee WN; Wortham DG; Hoover LA, (Radiology), 158: 747, 1986

MR imaging of the normal larynx, Castelijns JA; Doornbos J; Verbeeten B Jr; et al, (JCAT), 9: 919, 1985

Larvnx, neoplasms

cancer of the piriform sinus: treatment by radiation therapy alone and with surgery, Dobois JB; Guerrier B; Di Ruggiero JM; Pourquier H, (Radiology), 160: 831, 1986 carcinoma of the laryngeal margin, Lacourreye H, Brasnu DF; Beuter P,

(Radiology), 151: 554, 1984 carcinoma of the larynx and hypopharynx:

carcinoma of the larynx and hypopharynx: computed tomographic-histopathologic correlations, Silverman PM: Bossen EH; Fisher SR; Cole TB; Korobkin M; Halvorsen RA. (Radiology), 151: 697, 1984 clinical-pathological correlates of congenital subglottic hemangiomas, Brodsky L; Yoshpe N; Ruben RJ, (Radiology), 152: 254, 1984

congenital laryngeal hemangioma, Benjamin B; Carter P, (Radiology), **151**: 822, 1984

CT of laryngeal tumors, Horowitz BL; Woodson GE; Bryan RN, (Radiol Clin North Am), 22: 265, 1984

Am), 22: 203, 1964 extralaryngeal spread of cancer of the larynx: a study with whole-organ sections, Lam KH, (Radiology), 151: 553, 1984 fetal rhabdomyoma of the larynx, Granich MS; Pilch BZ; Nadol JB; et al, (Radiology), 152: 859, 1984

improved diagnostic accuracy in laryngeal cancer using a new classification based on computed tomography, Archer CR; Yeager VI.; Herbold DR, (Radiology), 152: 860, 1984

laryngeal carcinoma: high-resolution computed tomography and thick anatomic sections, Reid MH, (Radiology), 151: 689, 1984

laryngeal cystic hygroma, Myer CM III; Bratcher GO, (Radiology), 152: 859, 1984 larynx and hypopharynx: MR imaging with surface coils, Lurkin RB; Hanafee WN; Wortham DG; Hoover LA, (Radiology), 158: 747, 1986

medullary space involvement in laryngeal carcinoma: computed tomographic demonstration, Silverman PM, (Radiology), 159: 823, 1986

metastases to the larynx, Batsakis JG; Luna MA; Byers RM, (Radiology), 159: 823,

neck after total laryngectomy: CT study, DiSantis DJ; Balfe DM; Hayden RE; Sagel SS; Sessions D; Lee JKT, (Radiology), **153**: 713,

neck after vertical hemilaryngectomy: computed tomographic study, DiSantis DJ; Balfe DM; Hayden RE; Sessions D; Sagel SS, (Radiology), **151:** 683, 1984

plasmacytoma of the larynx, Maniglia AJ; Xue JW, (Radiology), **151**: 268, 1984

preoperative CT scan evaluation for laryngeal carcinoma: correlation with pathological findings, Hoover LA; Calcaterra TC; Walter GA; et al, (Radiology), **154**: 566, 1985

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results of radiation therapy in carcinoma of the larynx, Skolyszewski J; Reinfuss M; Kowalaska T, (Radiology), 157: 864, 1985

sarcomas of the larynx. report of ten cases, Hachihanefioglu U; Ozturk AS, (Radiology), 151: 268, 1984

suitability of near-total laryngopharyngectomy in piriform carcinoma, Dumich PS; Pearson BW; Weiland LH, (Radiology), **156**: 568, 1985

twice-a-day radiation therapy for supraglottic carcinoma, Wang CC; Suit HD; Blitzer PH, (Int J Radiat Oncol Biol Phys), 12: 3, 1986

# Larynx, obstruction

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### Larynx, prostheses

evaluation of Blom-Singer voice prosthesis, Vincent ME; Robbins AH; Walsh M; et al, (AJR), **143**: 745, 1984

Larynx, radiography

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Larynx, stenosis

chronic laryngeal stenosis, Stell PM; Maran AGD; Stanley RE; et al, (Radiology), 158: 861, 1986

elliptical cricoid cartilage: unique type of congenital subglottic stenosis, Schlesinger AE; Tucker GF Jr, (AJR), 146: 1133, 1986

laryngotracheal stenosis in spondyloepiphyseal dysplasia, Myer CM III; Cotton RT, (Radiology), **157**: 858, 1985

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Larynx, surgery

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esophageal speech: double-contrast evaluation of the pharyngo-esophageal segment, Gatenby RA; Rosenblum JS; Leonard CM; Moldofsky PJ; Broder GJ, (Radiology), **157**: 127, 1985

esophageal speech: double-contrast evaluation of the pharyngo-esophageal segment, Timmons JH; Howard WH; Wright HR Jr, (Radiology), 160: 852, 1986

neck after total laryngectomy: CT study, DiSantis DJ; Balfe DM; Hayden RE; Sagel SS; Sessions D; Lee JKT, (Radiology), 153: 713, 1984

neck after vertical hemilaryngectomy: computed tomographic study, DiSantis DJ; Balfe DM; Hayden RE; Sessions D; Sagel SS, (Radiology), 151: 683, 1984

Larynx, therapeutic radiology

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carcinoma of the laryngeal margin, Lacourreye H; Brasnu DF; Beuter P, (Radiology), 151: 554, 1984

(nationsy), 151-394, 170-comparative review of the Hammersmith (1971-75) and Edinburgh (1977-82) neutron therapy trials of certain cancers of the oral cavity, oropharynx, larynx and hypopharynx, Medical Research Council Neutron Therapy Working Group, (Br J Radiol), 59: 429, 1986

extralaryngeal spread of cancer of the larynx: a study with whole-organ sections, Lam KH, (Radiology), **151**: 553, 1984

president's address: cancer cure with organ preservation using radiaion therapy, Brady LW; Markoe AM; Fisher S, (Radiology), **160**: 1, 1986

(Radiology), 100. 1, 1700 primary radiotherapy of larynx and pharynx carcinoma—an analysis of some factors influencing local control and survival, Overgaard J; Hansen HS; Jorgensen K; et al, (Int J Radiat Oncol Biol Phys), 12: 515, 1986

results of radiation therapy in carcinoma of the larynx, Skolyszewski J; Reinfuss M; Kowalaska T, (Radiology), 157: 864, 1985

twice-a-day radiation therapy for supraglottic carcinoma, Wang CC; Suit HD; Blitzer PH, (Int J Radiat Oncol Biol Phys), 12: 3, 1986

computed-tomographic and conventional linear-tomographic evaluation of tracheobronchial lesions for laser photoresection, Pearlberg JL, Sandler MA; Kvale P; Beute GH; Madrazo BL, (Radiology), 154: 759, 1985

laser applications in radiology, Thompson TT, (Radiographics), 5: 627, 1985

percutaneous transluminal laser angioplasty for treatment of peripheral vascular disease: clinical experience with 16 patients, Ginsburg R; Wexler L; Mitchell RS; Profitt D, (Radiology), 156: 619, 1985

preoperative laser photodynamic therapy in combination with operation in lung cancer, Kato H; Konaka C; Ono J; et al, (Radiology), 159: 570, 1986

radiographic appearance of the esophagus and stomach after laser treatment of obstructing carcinoma, Wolf EL; Frager J; Brandt LJ; et al, (AJR), 146: 519, 1986

transluminal laser irradiation of coronary arteries in live dogs: angiographic and morphologic study of acute effects, Crea F; Abela GS; Fenech A; et al, (Radiology), 161:

### Lead

azarcon por empacho—another cause of lead toxicity, Brose A; Vashistha K; O'Loughlin BJ, (Radiology), **152**: 255, 1984

intracranial calcification in adults with chronic lead exposure, Reyes PF; Gonzalez CF; Zalewska MK; et al, (AJNR), 6: 905, 1985

lead arthropathy: arthritis caused by retained intra-articular bullets, Sclafani SJA; Vuletin JC; Twersky J, (Radiology), **156**: 299,

radiologic "lead band" revisited, Blickman JG; Wilkinson RH; Graef JW, (AJR), 146: 245,

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pneumonia caused by Pittsburgh pneumonia agent: radiologic manifestations, Muder RR; Reddy SC; Yu VL; Kroboth FJ, (Radiology), 150: 633, 1984

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Leprosy, lepromatous

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accessory muscles of the lower part of the calf, Le Minor J-M, (Radiology), 156: 250, 1985

- Adam's lobe, Fisher MS, (Radiology), 154: 547, 1985
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- aluminum bone disease in children: radiographic features from diagnosis to resolution: reply , Andreoli SP; Smith JA; Bergstein JM, (Radiology), 159: 284, 1986
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- arthrographic recognition of the mediopatellar plica of the knee, Dory MA, (Radiology), 150: 608, 1984
- ascites: comparison of plain radiographs with ultrasonograms, Fisher MS, (Radiology), 155: 255, 1985
- ascites: comparison of plain radiographs with ultrasonograms: reply, Cho S-R; Bundrick TJ, (Radiology), 155: 256, 1985
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- bone scintigraphy in neonatal osteomyelitis, Leonidas JC, (Radiology), **154**: 835, 1985
- bone scintigraphy in neonatal osteomyelitis: reply, Bressler EL; Conway JJ; Weiss SC, (Radiology), 154: 835, 1985
- breast cancer screening: underuse of mammography, Williams JC, (Radiology), 159: 566, 1986
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- candida esophagitis: accuracy of radiographic diagnosis, Gelfand DW; Ott DJ; Munitz HA; Chen YM, (Radiology), **156**: 844, 1985
- candida esophagitis: accuracy of radiographic diagnosis: reply, Levine MS; Laufer I, (Radiology), 156: 844, 1985
- chloral hydrate as a sedative in children during imaging procedures, Koch RL, (Radiology), 153: 833, 1984
- cholangiocarcinoma complicating primary sclerosing cholangitis: cholangiographic appearances, Lumsden AB; Alspaugh JP, (Radiology), 158: 856, 1986
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- comments on calf hematoma mimicking thrombophlebitis, Bettmann MA, (Radiology), **160**: 567, 1986
- computed tomography in the evaluation of diverticulitis, Hall FM, (Radiology), **154**: 835, 1985
- computed tomography in the evaluation of diverticulitis: reply, Hulnick DH; Megibow AJ; Balthazar EJ; Naidich DP; Bosniak MA, (Radiology), **154**: 835, 1985
- computed tomography vs. arthrography in the evaluation of the temporomandibular joint, Kaplan PA, (Radiology), **152**: 825, 1984
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- congenital heart disease: gated MR imaging in 72 patients: reply, Didier D, (Radiology), 161: 278, 1986
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- congenitally corrected transposition in the adult: detection by radionuclide angiocardiography: reply, Guit GL; Kroon HM; Chin JG; Pauwels EK; van Voorthuisen AE, (Radiology), 160: 854, 1986
- contamination of contrast agents by rubber components of 50-ml disposable syringes, Hamilton G, (Radiology), **152**: 539, 1984

- contamination of contrast agents by rubber components of 50-ml disposable syringes: comments, Fischer HW, (Radiology), 152: 540, 1984
- controlled percutaneous gastrostomy: nylon Tfastener for fixation of the anterior gastric wall, Wills JS; Oglesby JT, (Radiology), 160: 278, 1986
- controlled percutaneous gastrostomy: nylon Tfastener for fixation of the anterior gastric wall: reply, Brown AS; Mueller PR, (Radiology), 160: 278, 1986
- controversies in lumbosacral spine radiography: indications, projections, and clinical implications, Hall FM, (Radiology), 153: 833, 1984
- controversies in lumbosacral spine radiography: indications, projections, and clinical implications: reply, Bloom RA; Libson E, (Radiology), **153:** 833, 1984
- CT staging of prostate cancer, Styles RA; Seltzer SE, (Radiology), **157**: 838, 1985
- current status of lumbar diskography, Shapiro R, (Radiology), **159**: 815, 1986
- current status of lumbar diskography, Shapter AE, (Radiology), 161: 853, 1986 current status of lumbar diskography: reply, Shapiro R, (Radiology), 161: 853, 1986
- detailed per-oral small-bowel examination versus enteroclysis, Nolan DJ; Cadman PJ; Jeffree MA, (Radiology), 157: 836, 1985
- detailed per-oral small-bowel examination versus enteroclysis: reply, Ott DJ; Gelfand DW; Chen YM; Van Swearingen F; Munitz HA, (Radiology), 157: 836, 1985
- detection of deep venous thrombosis with Tc-99m sulfur colloid, Maurer AH; Knight LC, (Radiology), **150**: 842, 1984
- detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Bardfeld PA; Harrison DA; Irwin GAL; Buetow G, (Radiology), 150: 842, 1984
- detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Maurer AH; Knight LC, (Radiology), **150**: 842, 1984
- detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Bardfeld PA; Harrison DA; Wasserstein G; Buetow G; Irwin GAL, (Radiology), 150: 843, 1984
- digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism, Grossman ZD; Ellis DA; Brigham SC; Farrar FM; Sternick AN; Bramhava D, (Radiology), 150: 843, 1984
- digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism: reply, Ludwig JW, (Radiology), **150**: 844, 1984
- distance-weighted backprojection: SPECT reconstruction technique, Bice AN; Clausen M; Loncaric S; Zeeberg B; Wagner HN Jr, (Radiology), **161**: 852, 1986
- distance-weighted backprojection: SPECT reconstruction technique: reply, Eisner RL; Fajman WA; Nowak DJ, (Radiology), 161: 852, 1986
- drainage catheter displacement, Hartnell GG, (Radiology), 157: 835, 1985
- drainage catheter displacement: comment, Kleinhaus U; Engel A, (Radiology), **157**: 835, 1985
- drainage catheter displacement: reply, Gibson RN; Allison DJ; Finn JP, (Radiology), 157: 835, 1985
- drainage of pelvic abscesses through the greater sciatic foramen, Jaques PF; Mauro MA, (Radiology), **160**: 278, 1986
- drainage of pelvic abscesses through the greater sciatic foramen: reply, Butch RJ; Mueller PR; Ferrucci JT Jr, (Radiology), 160: 279, 1986
- early gastric cancer: radiographic experience, Op den Orth JO, (Radiology), **155**: 255, 1985 early gastric cancer: radiographic experience: reply, Gold RP, (Radiology), **155**: 255, 1985
- esophageal speech: double-contrast evaluation of the pharyngo-esophageal segment, Timmons JH; Howard WH; Wright HR Jr, (Radiology), 160: 852, 1986
- expanding spectrum of pulmonary disease caused by nontuberculous mycobacteria, Rubinstein I, (Radiology), **159**: 815, 1986

- extracorporeal shockwave lithotripsy: role of the radiologist, Bush WH; Gibbons RP, (Radiology), **158**: 855, 1986
- extracorporeal shockwave lithotripsy: role of the radiologist: reply, Barth KH; Pahira JJ; Elliott LP, (Radiology), **158**: 855, 1986
- galactocele: three distinctive radiographic appearances, Hall FM, (Radiology), **160**: 852, 1986
- galactocele: three distinctive radiographic appearances: reply, Gomez A; Mata JM; Donoso L; Rams A, (Radiology), 160: 853, 1986
- gastric ulcer localization by direct in vivo labeling of sucralfate, Tietze P; Gratz KF; Hundeshagen H, (Radiology), **161**: 569, 1986
- gastric ulcer localization by direct in vivo labeling of sucralfate: reply, Seevers RH, (Radiology), **161**: 569, 1986
- glomerular filtration rate determined in conjunction with routine renal scanning, Blue PW; Ghaed N; Jackson JH, (Radiology), 156: 553, 1985
- hepatic echinococcal cyst: successful percutaneous drainage, Morris DL, (Radiology), **159**: 567, 1986
- hepatic echinococcal cyst: successful percutaneous drainage: reply, Mueller PR, (Radiology), **159**: 567, 1986
- hyoid bone elevation: sign of tracheal transection, Fisher MS, (Radiology), **158**: 564, 1986
- hyoid bone elevation: sign of tracheal transection: reply, Resnick D; Polansky AD, (Radiology), **158**: 564, 1986
- immediate barium enema following colorectal biopsy, Lareau DG, (Radiology), 156: 845, 1985
- immediate barium enema following colorectal biopsy: reply, Harned RK; Williams SM, (Radiology), **156**: 845, 1985
- indium-111 labeled leukocyte uptake: falsepositive results in noninfected pseudoaneurysms, Bauman JM; Landry AJ; Cawthon MA; Hartshorne MF, (Radiology), 161: 570. 1986
- integrated imaging of hepatic tumors in childhood, Neuenschwander S; Couanet D; Montagne JP, (Radiology), **158**: 278, 1986
- integrated imaging of hepatic tumors in childhood: reply, Miller JH; Greenspan BS, (Radiology), 158: 278, 1986
- intermittent hydronephrosis: unique feature of ureteropelvic junction obstruction caused by a crossing renal vessel, Evison G, (Radiology), 159: 283, 1986
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- intracranial hematomas: imaging by high-field MR: reply, Gomori JM; Grossman RI, (Radiology), 159: 566, 1986
- legal importance of the medical history, Bundy AL, (Radiology), **153:** 264, 1984
- magnetic resonance imaging of prosthetic heart valves, Soulen RL, (Radiology), **158**: 279, 1986
- magnetic resonance without nuclei?, Edelstein WA; Bottomley PA, (Radiology), 152: 237, 1984
- magnetic resonance without nuclei?: reply, Meaney TF, (Radiology), **152**: 237, 1984 mammographic screening: how to operate
- mammographic screening: how to operate successfully at low cost, Evens RG, (Radiology), 161: 850, 1986
- mammographic screening: how to operate successfully at low cost: reply, Sickles EA; Weber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), 161: 850, 1986
- mammographic screening: how to operate successfully at low cost, Hall FM, (Radiology), **161**: 851, 1986
- mammographic screening; how to operate successfully at low cost: reply, Sickles EA; Webber WN; Galvin HB; Ominsky SH; Sollitto RA, (Radiology), **161**: 851, 1986
- management of the posthepatic artery embolization syndrome, Clouse ME; Lee RGL, (Radiology), **152**: 238, 1984
- morbid obesity treated by gastroplasty: radionuclide gastric emptying studies, Drane WE, (Radiology), **159**: 816, 1986
- morbid obesity treated by gastroplasty: radionuclide gastric emptying studies: reply, Arnstein NB; Shapiro B, (Radiology), 159: 816, 1986

- nature of the mandibular lesion in Melnick-Needles syndrome, Leonard MS; Gorlin RJ, (Radiology), **150**: 844, 1984
- obtaining informed consent for intravenous contrast-enhanced radiography: pros and cons, Brown RC, (Radiology), 155: 256, 1985
- obtaining informed consent for intravenous contrast-enhanced radiography: pros and cons: reply, Spring DB; Akin JR; Margulis AR; Tennenhouse DJ, (Radiology), 155: 257, 1985
- occult cerebral vascular malformations: highfield MR imaging, Kucharczyk W; Brant-Zawadzki M, (Radiology), 161: 278, 1986
- occult cerebral vascular malformations: highfield MR imaging: reply, Gomori JM; Grossman RI, (Radiology), **161**: 278, 1986
- osteomyelitis in children: detection by magnetic resonance, Bloem HL; Falke THM; Doornbos J, (Radiology), **153**: 263, 1984
- osteomyelitis in children: detection by magnetic resonance: reply, Fletcher BD; Nelson AD; Scoles PV, (Radiology), **153**: 263, 1984
- osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation, Bohrer SP, (Radiology), **161:** 277, 1986
- osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation: reply, Schulz EE, (Radiology), **161**: 277, 1986
- pneumonitis after amiodarone therapy, van der Meer SC; van Rooij WJJ; van Royen EA, (Radiology), 154: 260, 1985
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- potential radiation hazards to personnel during dynamic CT, Kaczmarek RG; Bednarek DR; Wong R; Kaczmarek RV; Rudin S; Alker G, (Radiology), 161: 853, 1986
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- radiologic evaluation of severed body parts, Maurer AH, (Radiology), **151:** 535, 1984
- radiologic evaluation of severed body parts: comment, Phillips WC, (Radiology), **151**: 535, 1984
- radiology department management system: technologists' costs, Janower ML, (Radiology), **159**: 566, 1986
- radiology department management system: technologists' costs: reply, McNeil BJ, (Radiology), 159: 566, 1986
- radiology in Papua New Guinea, Bender GN, (Radiology), 153: 835, 1984
- radionuclide hepatobiliary imaging and realtime ultrasound in the detection of acute cholecystitis, Shuman WP; Rudd TG; Rogers JV; Stevenson JK; Larson EB, (Radiology), 152: 238, 1984
- radionuclide hepatobiliary imaging and realtime ultrasound in the detection of acute cholecystitis: reply, Samuels BI; Freitas JE; Bree RL; Schwab RE; Heller ST, (Radiology), 152: 238, 1984
- reassessment of the routine double-contrast examination of the esophagus, Hall FM, (Radiology), **150**: 278, 1984
- reassessment of the routine double-contrast examination of the esophagus: reply, Maglinte DDT, (Radiology), **150**: 278, 1984
- recurrent neuroblastoma: determining the frequency of follow-up examinations, Dwyer AJ; Doppman JL, (Radiology), 150: 607, 1984
- recurrent neuroblastoma: determining the frequency of follow-up examinations. reply, Stark DD; Heilbron D: Moss AA, (Radiology), **150**: 607, 1984
- renal parenchyma in infancy and childhood: US characteristics, Turner PA; Johnson JF, (Radiology), **157**: 837, 1985
- renal parenchyma in infancy and childhood: US characteristics: reply, Hayden CK Jr; Swischuk LE, (Radiology), 157: 837, 1985
- renal trauma: radiological studies, Saibil EA, (Radiology), **158**: 563, 1986

- renal trauma: radiological studies, Kotval PS; Weingarten M, (Radiology), 158: 563, 1986
- renal trauma: radiological studies: reply, Lang EK, (Radiology), 158: 564, 1986 reticular pattern as a radiologic sign of the Barrett esophagus, Levine MS; Kressel HY; Laufer I; Herlinger H; Caroline DF, (Radiology), 156: 843, 1985
- (Radiology), 156: 843, 1985 reticular pattern as a radiologic sign of the Barrett esophagus: reply, Vincent ME; Robbins AH; Spechler SJ; Doos WG; Schimmel EM, (Radiology), 156: 843, 1985
- role of computed tomography in the evaluation of dissecting aortic aneurysms, Danza FM; Fusco A; Falappa P, (Radiology), 152: 828. 1984
- role of CT in assessing mediastinal involvement in lung cancer, Black WC; Armstrong P, (Radiology), **156**: 552, 1985
- separate water and fat MR images, Ordidge RJ; Van de Vyver FL, (Radiology), 157: 551, 1985
- Separate water and fat MR images: reply, Dixon WT; Lee JKT, (Radiology), 157: 552, 1985
- simple method for early detection of a dislodged percutaneous drainage catheter, Kleinhaus U; Engel A, (Radiology), **151**: 255, 1984
- simple method for retrieving metal foreign objects from an MR imager, Richardson ML; Olsen DO; Schade JF; Nelson SI; Eastman MR; Neumann E, (Radiology), 156: 845, 1985
- simple, reliable method for fixation of percutaneous drainage catheters, Finn JP; Gibson RN, (Radiology), **154**: 547, 1985
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course, Levine E, (Radiology), **159**: 817, 1986
- small renal neoplasms: diagnostic imaging, pathologic features, and clinical course: reply, Curry NS; Schabel SI; Betsill WL Jr, (Radiology), 159: 817, 1986
- speculation on the mechanism for amiodarone-induced pneumonitis, Camus P; Jeannin L, (Radiology), **150**: 279, 1984
- speculation on the mechanism for amiodarone-induced pneumonitis: reply, Gefter WB; Pietra GG; Epstein DM; Miller WT, (Radiology), **150**: 280, 1984
- speculation on the mechanism for amiodarone-induced pneumonitis: further comment, Camus P; Jeannin L, (Radiology), 150: 280, 1984
- Tc-99m thyroid index as an easily measured parameter of Tc-99m thyroid uptake, Van de Vyver FL, Blockx PPG; Devos P; De Roo M, (Radiology), 153: 551, 1984
- threatened abortion: sonographic distinction of normal and abnormal gestation sacs, Cadkin AV; McAlpin J, (Radiology), 160: 567, 1982
- threatened abortion: sonographic distinction of normal and abnormal gestation sacs: reply, Nyberg DA; Laing FC; Filly RA, (Radiology), 160: 567, 1986
- three-dimensional display of computed tomographic scans, Herman GT, (Radiology), **151**: 805, 1984
- three-dimensional display of computed tomographic scans: reply, Vannier MW, (Radiology), 151: 805, 1984
- thyroid gland with low uptake lesions: evaluation by ultrasound, Schober O; Schwarzrock R, (Radiology), **158**: 277, 1986
- Schwalziote, (Nationaly), 1982. 17, 1980 thyroid gland with low uptake lesions: evaluation by ultrasound: reply, Solbiati L; Volterrani L; Rizzatto G; Bazzocchi M; Busilacchi P; Candiani F; Ferrari F; Giuseppetti G; Maresca G; Mirk P; Rubaltelli L; Zappasodi F, (Radiology), 158: 277, 1986
- tumor cure studies on the rat sarcoma BA1112 using continuous low-dose-rate radiation, Moore JV, (Radiology), 155: 837, 1985
- tumor cure studies on the rat sarcoma BA1112 using continuous low-dose-rate radiation: reply, Peschel RE, Martin DF; Fischer JJ, (Radiology), 155: 837, 1985
- ultrasound examination of the hand, Fornage BD; Rifkin MD, (Radiology), **160**: 853, 1986
- update of publication 23 from the International Commission on Radiological Protection (ICRP), Richmond CR, (Radiology), 156: 250, 1985

- use of glucagon and gas-forming agents in acute esophageal food impaction, Smith JC; Janower ML; Geiger AH, (Radiology), 159: 567, 1986
- US in the evaluation of acute flank pain, Erwin BC; Carroll BA; Sommer FG, (Radiology), 157: 554, 1985
- US in the evaluation of acute flank pain: reply, Laing FC; Jeffrey RB Jr; Wing VW, (Radiology), 157: 554, 1985

### Leukemia

- air crescent sign of invasive pulmonary mucormycosis in acute leukemia, Funada H; Misawa T; Nakao S; et al, (Radiology), 154: 269 1985
- case report 349, Monsees B; Destouet JM; Totty WG; et al, (Skeletal Radiol), 15: 154, 1986
- chest radiographic-pathologic correlation in adult leukemia patients, Maile CW; Moore AV Jr; Ulreich S; et al, (Radiology), 152: 249, 1984
- CT findings in leukemia, Heiberg E; Wolverson MK; Sundaram M; et al, (AJR), 143: 1317, 1984
- diagnostic value of radionuclide technetium 99m-MDP skeletal survey in acute leukaemia, Paramsothy M; Peng LH; Samuel D, (Radiology), 154: 563, 1985
- chocardiographic evidence of mediastinal lymph node enlargement in T-acute lymphoblastic leukemia with acute pericarditis, Mancuso L; Bondi F; lacona MA; et al, (JCU), 14: 296, 1986
- increased mortality by septicemia, interstitial pneumonitis and pulmonary fibrosis among bone marrow transplant recipients receiving an increased mean dose rate of total irradiation, Ringden O; Bayrd I; Johansson B; et al, (Radiology), 154: 286, 1985
- magnetic resonance imaging of bone marrow disease in children, Cohen MD; Klatte EC; Baehner R; Smith JA; Martin-Simmerman P; Carr BE; Provisor AJ; Weetman RM; Coates T; Siddiqui AR; Weisman SJ; Berkow R; McKenna S; McGuire WA, (Radiology), 151: 715, 1984
- magnetic resonance imaging of the bone marrow in patients with leukemia, aplastic anemia, and lymphoma, Olson DO; Shields AF; Scheurich CJ; et al, (Invest Radiol), 21: 540, 1986
- prognostic value of lymphograms in chronic lymphatic leukemia, Auclerc M-F; Desprez-Curely JP; Maral J; et al, (Radiology), 153: 271, 1984

# Leukemia, complications

- gastrointestinal complications of leukemia and its treatment, Hunter TB; Bjelland JC, (AJR), 142: 513, 1984
- granulocytic sarcoma of the brain: case report and review of the literature, Barnett MJ; Zussman WV, (Radiology), 160: 223, 1986
- intracerebral hemorrhagic dissemination of acute myelocytic leukemia, Kelly JK; Lazo A; Metes J; et al, (AJNR), 6: 113, 1985
- invasive pulmonary aspergillosis and acute leukemia, Gefter WB; Albelda SM; Talbot GH; Gerson SL; Cassileth PA; Miller WT, (Radiology), 157: 605, 1985
- invasive pulmonary aspergillosis: characteristic findings on CT, the CT halo sign, and the role of CT in early diagnosis, Kuhlman JE; Fishman EK; Siegelman SS, (Radiology), 157: 611, 1985

### Leukemia, in infants and children

- bone marrow in children with acute lymphocytic leukemia: MR relaxation times, Moore SG; Gooding CA; Brasch RC; Ehman RL: Ringertz HG; Ablin AR; Matthay KK; Zoger S, (Radiology), 160: 237, 1986
- clinical, haematological, and radiological features in T-cell lymphoblastic malignancy in childhood, Mitchell CD; Gordon I; Chessells JM, (Clin Radiol), 37: 257, 1986
- diagnosis of leukemic relapse in the pelvic soft tissues of juvenile females, Shirkhoda A; Eftekhari F; Frankel LS; et al, (JCU), 14: 191, 1986
- orthopaedic manifestations of leukemia in children, Rogalsky RJ; Black GB; Reed MH, (Radiology), **161**: 287, 1986

# Leukemia, in infants and children

tissue characterization of the testes using ultrasonic CT: work in progress, Bland PH; Dipietro MA; Chenevert TL; Hutchinson RJ; Carson PL, (Radiology), 159: 101, 1986

typhlitis in acute childhood leukaemia: radiological features, McNamara MJ; Chalmers AG; Morgan M; et al, (Clin Radiol), 37: 83, 1986

### Leukemia, lymphocytic

diagnosis of leukemic relapse in the pelvic soft tissues of juvenile females, Shirkhoda A; Eftekhari F; Frankel LS; et al, (JCU), 14: 191,

extramedullary hematopoeisis in acute lymphocytic leukemia masquerading as hepatic, renal, and splenic microabscesses, Kopecky KK, Moriarty AT; Antony AC; et al, (AJR), 147: 846, 1986

### Leukemia, myelogenous

granulocytic sarcoma (chloroma): CT manifestations, Pomeranz SJ; Hawkins HH; Towbin RB; Lisberg WN; Clark RA, (Radiology), 155: 167, 1985

myelographic demonstration of "nodular radiculopathy" in acute myelogenous leukemia, Mirvis S; Stewart M; Rao KCVG, (AJNR), 5: 641, 1984

recurrent chloromas in acute myelogenous leukemia, Stork JT; Cigtay OS; Schellinger D; et al, (AJR), **142**: 777, 1984

technetium-99m red blood cell blood-pool imaging in functional asplenia due to leukemic infiltration, Yoo JHK; Orzel JA; Bagnall JW; et al, (Clin Nucl Med), 11: 493, 1986

### Leukemia, therapeutic radiology

fractionation of whole body irradiation before bone marrow transplantation for patients with leukaemia, Goolden AWG; Golman JM; Kam KC; et al. (Radiology), **151**: 837, 1984

influence of prior total body irradiation on the tissue distribution of mouse lymphoma/leukemia, Cobb LM; Butler SA, (Int J Radiat Oncol Biol Phys), 12: 83, 1986

radiation treatment of testicular relapse in acute lymphoblastic leukemia, Tombolini V; Banelli E; Capua A; et al, (Acta Radiol [Oncol]), 25: 29, 1986

### Leukemia, therapy

potentiation of nitrogen mustard cytotoxicity to leukemia cells by sulfur-containng compounds administered *in vivo*, Valeriote F; Grates HE, (Int J Radiat Oncol Biol Phys), 12:

advantage of indium-111 leukocytes over ultrasound in imaging an infected renal cyst, Fortner A; Taylor A Jr; Alazraki N; et al, (J Nucl Med), 27: 1147,

appearance of hyperostosis frontalis interna on indium-111 leukocyte scans: potential diagnostic pitfall, Floyd JL; Jackson DE Jr; Carretta R, (J Nucl Med), 27: 495, 1986

cardiac and vascular imaging with labeled platelets and leukocytes, Dewanjee MK, (Semin Nucl Med), 14: 154, 1984

false-positive leukocyte imaging: case of colon carcinoma, Bauman JM; Hartshorne MF; Cawthon MA; et al, (Clin Nucl Med), 11:

imaging of inflammation with indium-111-tropolonate labeled leukocytes, Peters AM; Saverymuttu SH; Reavy HJ; et al, (Radiology), 150: 302, 1984

imaging of inflammatory processes with labeled cells, Froelich JW; Swanson D, (Semin Nucl Med), 14: 128, 1984

In-111 labeled leukocytes: review of problems in image interpretation, McAfee JG; Samin A, (Radiology), **155**: 221, 1985

In-111-leukocyte scintigraphy for detection of infection associated with peritoneal dialysis catheters, Kipper SL; Steiner RW; Witztum KF; Basarab RM; Kipper MS; Halpern SE; Ashburn WL, (Radiology), 151: 491–1984.

labeled cells in patients with malignancy, Dutcher JP, (Semin Nucl Med), 14: 251, 1984

labeled cells in the investigation of hematologic disorders, Alavi JB; Hansell J, (Semin Nucl Med), 14: 208, 1984

misleading findings on indium-111 leukocyte images, Goodgold HM; Samuels LD, (Clin Nucl Med), 11: 392, 1986

radiolabeled leukocytes and platelets, Datz FL, (Invest Radiol), 21: 191, 1986

radiolabelled leucocytes: a new diagnostic tool in occult infection/inflammation, Gordon I; Vivian G, (Radiology), 153: 275, 1984

vivian G. (Radiology), 153: 275, 1984 scintigraphic evaluation of the painful prosthetic joint: a comparison of gallium-67 citrate and indium-111 labeled leucocyte imaging, McKillop JH; McKay J; Cuthberg GF; et al, (Radiology), 154: 285, 1985

subacute and chronic bone infections: diagnosis using In-111, Ga-67 and Tc-99m MDP bone scintigraphy, and radiography, Al-Sheikh W; Sfakianakis GN; Mnaymneh W; Hourani M; Heal A; Duncan RC; Burnett A; Ashkar FS; Serafini AN, (Radiology), 155: 501, 1985

technique of leukocyte harvesting and labeling: problems and perspectives, McAfee JG; Subramanian G; Gagne G, (Semin Nucl Med), 14: 83, 1984

three-phase white blood cell scan: diagnostic validity in abdominal inflammatory diseases, Becker W; Fischbach W; Reiners C; et al, (J Nucl Med), 27: 1109, 1986

uptake of <sup>111</sup>In-labeled leukocytes by tumor, Fortner A; Datz FL; Taylor A Jr; et al, (AJR), 146: 621, 1986

# Leukoencephalopathy

See Brain, diseases

### Leukomalacia

cystic periventricular leukomalacia: sonographic and CT findings, Schellinger D; Grant EG; Richardson JD, (AJNR), 5: 439,

developmental sequence of periventricular leukomalacia: correlation of ultrasound, clinical, and nuclear magnetic resonance functions, Dubowitz LMS; Bydder GM; Mushin J, (Radiology), 157: 569, 1985

diagnosis and outcome of subcortical cystic leucomalacia, Trounce JG; Levene MI, (Radiology), **160**: 288, 1986

intracranial ultrasound diagnosis of neonatal periventricular leukomalacia, Manger MN; Feldman RC; Brown WJ; et al, (Radiology), 153: 565, 1984

late onset cystic leucomalacia, De Vries LS; Regev R; Dubowitz LMS, (Radiology), **161**: 864, 1986

neonatal periventricular leukomalacia: realtime sonographic diagnosis with CT correlation, Chow PP; Horgan JG; Taylor KJW, (AJNR), 6: 383, 1985

periventricular leukomalacia: evaluation with MR imaging, Wilson DA; Steiner RE, (Radiology), 160: 507, 1986

periventricular leukomalacia in combination with intraventricular hemorrhage: sonographic features and sequelae, Grant EG; Schellinger D; Smith Y; et al, (AJNR), 7: 443, 1986

(A)(NK), 7: 443, 1790 periventricular leukomalacia in the pre-term newborn infant: sonographic and clinical features, Bowerman RA; Donn SM; DiPietro MA; D'Amato CJ; Hicks SP, (Radiology), 151: 383, 1984

serial brain sonography in two children with leukomalacia and cerebral palsy, Sauerbrei EE, (Radiology), **154**: 852, 1985

sonography of neonatal periventricular leukomalacia: recent experience with a 7.5-MHz scanner, Grant EG; Schellinger D, (AJNR), 6: 781, 1985

### Ligaments

median arcuate ligament syndrome with severe two-vessel involvement, Lawson Ochsner JL, (Radiology), 153: 271, 1984

### Ligaments, cruciate

acute injury of the ligaments of the knee: magnetic resonance evaluation, Turner DA; Prodromos CC; Petasnick JP; Clark JW, (Radiology), 154: 717, 1985

cruciate ligament injury: diagnostic difficulties in the presence of meniscal injury, Wolfe RD; Dieden JD, (Radiology), 157: 19, 1985

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# Ligaments, CT

Igaments, CT
CT demonstration of tethering of the lung by the pulmonary ligament, Friedman PJ, (JCAT), 9: 947, 1985
high resolution CT of the porta hepatis and hepatoduodenal ligament, Weinstein JB; Heiken JP; Lee JKT, DiSantis DJ; Balfe DM; Weyman PJ; Peterson RR, (Radiographics), 6: 55, 1986

normal findings and pathological changes of the ligamentum patellae on CT, Lehner K; Reiser M; Biehl T, (Radiology), 158: 570,

## Ligaments, falciform

cyst of the falciform ligament of the liver, Enterline DS; Rauch RE; Silverman PM; et al, (AJR), 142: 327, 1984

Silverman PM; et al, (AJR), 142: 327, 1984 hepatic falciform artery: anatomy, angiographic appearance, and clinical significance, Williams DM; Cho KJ; Ensminger WD; Ziessman HA; Gyves JW, (Radiology), 156: 339, 1985
Ligaments, hepatoduodenal ultrasound study of adenopathies within the hepatoduodenal ligament: "rosebud" pattern, Weill FS; Costaz R; Racle A; et al, (Gastrointest Radiol), 11: 142, 1986

### Ligaments, injuries

gaments, injuries
acute injury of the ligaments of the knee:
magnetic resonance evaluation, Turner DA;
Prodromos CC; Petasnick JP; Clark JW,
(Radiology), 154: 717, 1985
case report 335, de Carvalho A; Jurik AG;
lllum F, (Skeletal Radiol), 15: 52, 1986

cruciate ligament injury: diagnostic difficulties in the presence of meniscal injury, Wolfe RD; Dieden JD, (Radiology), 157: 19,

CT demonstration of capsuloligamentous lesions of the knee joint, Passariello R; Trecco F; De Paulis F; et al, (JCAT), 10: 450,

l 1986 ligamentous injury of the lower tibiofibular syndesmosis: radiographic evidence, Sclafani SJA, (Radiology), 156: 21, 1985 meniscotibial (coronary) ligament tears, El-Khoury GY; Usta HY; Berger RA, (Radiology), 154: 557, 1985 patient-induced stress test of the first

metacarpophalangeal joint: radiographic assessment of collateral ligament injuries, Downey EF Jr; Curtis DJ, (Radiology), 158: 679, 1986

ov7, 1500 radiological analysis of lateral ligament injuries of the ankle, Blanshard KS; Finlay DBL; Scott DJA; et al, (Clin Radiol), 37: 247, 1986 Ligaments, MR studies

Renter to, MK studies knee: surface-coil MR imaging at 1.5 T, Beltran J; Noto AM; Mosure JC; Weiss KL; Zuelzer WA; Christoforidis AJ, (Radiology), 159: 747, 1986

Ligaments, pulmonary adult pulmonary ligament pneumatocele: loculated pneumothorax, Friedman PJ, (Radiology), 155: 575, 1985

# Ligaments, spinal

lumbar nerve root compression by synovial cysts of the ligamentum flavum. report of four cases, Abdullah AF; Chambers RW; Daut DP, (Radiology), 153: 855, 1984

ossification in the cephalic attachment of the ligamentum flavum: an anatomical and CT study, Williams DM; Gabrielsen TO; Latack JT; Martel W; Knake JE, (Radiology), 150: 423, 1984

150: 423, 1984 pattern of spinal and extraspinal hyperostosis in patients with ossification of the posterior longitudinal ligament and the ligamentum flavum causing myelopathy, Hukuda S; Mochizuki T. Ogata M; et al, (Radiology), 153: 270, 1984

stylohyoid ligament in Hurler syndrome and related conditions: comparison with normal children, Oestreich AE, (Radiology), 154:

vertebral involvement in calcium ertebral involvement in calcium pyrophosphate dihydrate crystal deposition disease: radiographic-pathological correlation, Resnick D; Pineda C, (Radiology), 153: 55, 1984

V-shaped predens space, Bohrer SP; Klein A; Martin W, (Radiology), 158: 570, 1986

### Ligaments, US studies

ultrasound study of adenopathies within the hepatoduodenal ligament: "rosebud" pattern, Weill FS; Costaz R; Racle A; et al, (Gastrointest Radiol), 11: 142, 1986

### Linear accelerators

cost of radiotherapy treatments on a linear accelerator, Greene D, (Radiology), 151: 837,

dosimetry of the Siemens mevatron 67 linear accelerator, Horton JL, (Radiology), 151: 838,

### Linitis plastica

See Adenocarcinoma

## Lipoblastoma

CT appearance of cervical lipoblastoma, Black WC; Burke JW; Feldman PS; et al, (JCAT), 10: 696, 1986

### Lipodystrophy

case report 381, Pazzaglia UE; Benazzo F; Castelli C; et al, (Skeletal Radiol), 15: 474,

intraabdominal panniculitis: clinical, radiographic, and CT features, Katz ME; Heiken JP; Glaser HS; et al, (AJR), 145: 293,

## Lipogranulomatosis

case report 365, Freyschmidt J; Ostertag H; Lang W, (Skeletal Radiol), 15: 316, 1986

case report: Erdheim-Chester disease: polyostotic sclerosing histiocytosis, Evans S; Williams F, (Clin Radiol), 37: 93, 1986

Erdheim-Chester disease: a distinct lipoidosis or part of the spectrum of histiocytosis?, Brower AC; Worsham GF; Dudley AH, (Radiology), 151: 35, 1984

Erdheim-Chester disease: computed tomography in two cases, Sherman JL; Citrin C; Johns T; et al, (AJNR), 6: 444, 1985

Erdheim-Chester disease presenting as malignant exophthalmos, Rozenberg I; Wechsler J; Koenig F; et al, (Br J Radiol), 59: 173, 1986

## Lipoma and lipomatosis

and informations and information and information and information and information and information with long-term follow-up study, Earthman WJ; Mazer MJ; Winfield AC, (Radiology), 160: 437, 1986.

case report 377, Hall FM; Cohen RB; Grumbach K, (Skeletal Radiol), 15: 401, 1986

combined arteriovenous malformation and intramedullary lipoma: surgery and embolotherapy, Rice JF; Jelsma RK, (AJNR), 7: 171, 1986

CT recognition of intestinal lipomatosis, Ormson MJ; Stephens DH; Carlson HC, (AJR), 144: 313, 1985

infiltrating angiolipoma with phlebolith formation, De Orchis D; Ozonoff MB, (Skeletal Radiol), 15: 464, 1986

intradural spinal lipoma of the cervical cord, Wood BP; Harwood-Nash DC; Berger P; et al, (AJNR), 6: 452, 1985

lipoma of the frontal bone, Rosenbloom SA; Osborne DRS, (AJNR), 6: 833, 1985

lipomatosis of the pancreas: mistake in diagnostic imaging, Bock E; Grandinetti F; Corcioni E; et al, (JCU), 14: 398, 1986

lipomatous tumors and tumors with fatty component: MR imaging potential and comparison of MR and CT results, Dooms GC; Hricak H; Solliito RA; Higgins CB, (Radiology), 157: 479, 1985

lipomatous tumors of the liver: evaluation with CT and US, Roberts JL; Fishman EK; Hartman DS; Sanders RC; Goodman ZD; Siegelman SS, (Radiology), **158**: 613, 1986

lymphatic changes in retroperitoneal lipomatosis, Gass MA; Gould HR; Roggensack GF; et al, (Radiology), **150**: 296, 1984

lymphomatous meningitis and steroid-induced epidural lipomatosis: CT evaluation, Pennisi AK; Meisler WJ; Dina TS, (JCAT), 9: 595, 1985

management of lipomyelomeningocele. experience at the Hospital for Sick Children, Toronto, Hoffman HJ; Taecholarn C; Hendrick EB; et al, (Radiology), 157: 855,

Castello J; Sartoris DJ; Greenway GD; Resnick D; Haghighi P, (Radiology), 157: 615, 1985

parosteal lipoma with enlarging osteochondroma, Demos TC; Bruno E; Armin A; et al, (AJR), 143: 365, 1984 rare presentations of ordinary lipomas of the head and neck: review, Som PM; Scherl MP; Rao VM; et al, (AJNR), 7: 657, 1986

Rao V M; et al. (A)NK), 7: 697, 1986 small, asymptomatic angiomyolipomas of the kidney, Bret PM; Bretagnolle M; Gaillard D; Plauchu H; Labadie M; Lapray J-F; Roullaud Y; Cooperberg PL, (Radiology), 154: 7, 1985

154: 7, 1985 sonography of an intratesticular lipoma, Hertzberg BS; Mahony BS; Bowie JD; et al, (J Ultrasound Med), 4: 619, 1985 torsion of lipoma of appendix epiploica: CT evaluation, Farmlett EJ; Fishman EK; Jones B; et al, (JCAT), 9: 366, 1985

you examples of CNS lipomas demonstrated by computed tomography and low field (0.08 T) MR imaging, Kean DM; Smith MA; Douglas RHB; et al, (JCAT), 9: 494, 1985

Lipoproteins
Tangier disease, Labbe A; Dechelotte P;
Meyer M; et al, (Radiology), 159: 823, 1986 Liposarcoma

iposarcoma intraarterial digital subtraction arteriographic evaluation of extremity tumors: comparison with conventional arteriography, Lee KR; Cox GG; Price HI; Johnson JA; Neff JR, (Radiology), 158: 255, 1986 lipomatous tumors and tumors with fatty component: MR imaging potential and comparison of MR and CT results, Dooms GC; Hricak H; Sollitto RA; Migrate CR, (Padialogy), 157, 479, 1985

Dooms GC; Hricak H; Sollitto RA; Higgins CB, (Radiology), 157: 479, 1985 standardized echogenic-histopathologic correlations in liposarcoma, Nasr AM; Ossoinig KC; Kersten RF; et al, (Radiology), 157: 858, 1985

iposomes differential uptake of gallium-67-labeled liposomes between tumors and inflammatory lesions in rats, Ogihara I; Kojima S; Jay M, (J Nucl Med), 27: 1300, 1986 liposomes loaded with contrast material for image enhancement in CT. work in progress, Ryan PJ; Davis MA; DeGaeta LR; Woda B; Melchior DL, (Radiology), 152: 759, 1984

# Lissencephaly

See Brain, abnormalities

relaxation and imaging of lithium in vivo, Renshaw PF; Haselgrove JC; Bolinger L; et al, (Magn Res Imag), 4: 193,

# Lithotripsy

shortneys combined percutaneous and extracorporeal shock wave lithotripsy for staghorn calculi: an alternative to anatrophic nephrolithotomy, Kahnoski RJ; Lingeman JE; Coury TA; et al, (Radiology), 160: 857, 1986

160: 857, 1986 combined treatment of branched calculi by percutaneous nephrolithotomy and extracorporeal shock wave lithotripsy, Schulze H; Hertle L; Graff J; et al. (Radiology), 161: 860, 1986 endourology, Segura JW, (Radiology), 156: 271, 1985

271, 1985
extracorporeal shock wave lithotripsy and the radiologist, Pollack HM; Banner MP, (AJR), 147: 94, 1986
extracorporeal shock-wave lithotripsy (ESWL) for treatment of urolithiasis, Chaussy C;
Schmiedt E; Jocham D; et al, (Radiology), 154, 172: 1095

extracorporeal shock wave lithotripsy: interventional radiologic solutions to associated problems. Tegtmeyer Cj; Kellum CD; Jenkins A; Gillenwater JY; Way WG; Barr J; Piros G; Springer R; Lippert MC; Wyker AW, (Radiology), 161: 587, 1986

587, 1986
extracorporeal shock wave lithotripsy:
Methodist Hospital of Indiana experience,
Lingeman JE; Newman D; Mertz JH; et al,
(Radiology), 161: 859, 1986
extracorporeal shock wave lithotripsy of
ureteral stones: clinical experience and
experimental findings, Mueller SC;
Wilbert D; Thueroff JW; et al, (Radiology),
160: 858, 1986

extracorporeal shockwave lithotripsy: role of the radiologist, Barth KH; Pahira JJ; Elliott LP, (Radiology), 155: 835, 1985 extracorporeal shockwave lithotripsy: role of the radiologist, Bush WH; Gibbons RP, (Radiology), 158: 855, 1986

extracorporeal shockwave lithotripsy: role of the radiologist: reply, Barth KH; Pahira JJ; Elliott LP, (Radiology), 158: 855, 1986

extracorporeal stone disintegration using chemical explosive pellets as an energy source of underwater shock waves, Kuwahara M-A; Kambe K; Kurosu S; et al, (Radiology), 160: 857, 1986

impact of extracorporeal shock wave lithorripsy on percutaneous stone procedures, Bush WH; Gibbons RP; Lewis GP; et al, (AJR), 147: 89, 1986

in-bath filming during extracorporeal shock wave lithotripsy, Eusek JF; Bush WH; Burnett LL, Gibbons RP, (Radiology), 158: 850, 1986

late sequelae of ultrasonic lithotripsy of renal calculi, Marberger M; Stackl W; Hruby W; et al, (Radiology), **156**: 563, 1985

percutaneous lithotripsy of staghorn calculi, Adams GW; Oke EJ; Dunnick NR; et al, (AJR), 145: 803, 1985

percutaneous transhepatic electrohydraulic lithotripsy, Lear JL, Ring EA; Macoviak JA; Baum S, (Radiology), 150: 589, 1984 percutaneous ultrasonic lithotripsy, LeRoy AJ; May GR; Segura JW; et al. (Radiol Clin North Am), 22: 427, 1984

percutaneous ultrasonic lithotripsy, Segura JW; LeRoy AJ, (Radiology), 154: 273, 1985

percutaneous ultrasonic lithotripsy of symptomatic renal calculi in children, Papanicolaou N; Pfister RC; Young HH; et al, (Pediatr Radiol), 16: 13, 1986

renal morphology and function immediately after extracorporeal shock-wave lithotripsy. Kaude JV; Williams CM; Millner MR; et al, (AJR), 145: 305, 1985

(A)R), 183-30, 1903
renal stone disease treated with extracorporeal shock wave lithotripsy: short-term observations in 100 patients, Grantham JR; Millner MR; Kaude JY; Finlayson B; Hunter PT II; Newman RC, (Radiology), 158: 203,

report of the United States Cooperative Study of extracorporeal shock wave lithotripsy, Drach GW; Dretler S; Fair W; et al, (Radiology), 161: 859, 1986

techniques in percutaneous removal of renal calculi. mechanical extraction and electrohydraulic lithotripsy, Clayman RV, (Radiology), 154: 273, 1985

ultrasonic lithotripsy of retained common-bile-duct stone, Bean WJ; Daughtry JD; Rodan BA; et al, (AJR), 144: 1275, 1985

# Lithotripsy, complications

etiology and treatment of delayed bleeding following percutaneous lithotripsy, Patterson DE; Segura JW; LeRoy AJ; et al, (Radiology), 158: 281, 1986

### Liver, abnormalities

Caroli disease: high-frequency US and pathologic findings, Marchal GJ; Desmet VJ; Proesmans WC; Moerman PL; Van Roost WW; Van Holsbeeck MT; Baert AL, (Radiology), 158: 507, 1986 mesenchymal hamartoma of the liver.

Raffensperger JG; Gonzalez-Crussi F; Skeehan T, (Radiology), 152: 851, 1984

unusual cause of a hot spot on sulfur colloid liver imaging, Jackson DE Jr; Floyd JL, (Clin Nucl Med), 11: 549, 1986

### Liver, absces

abdominal abscess drainage under radiologic guidance: causes of failure, Lang EK; Springer RM; Glorioso LW III; Cammarata CA, (Radiology), **159**: 329, 1986

amebic liver abscess in children: role of diagnostic imaging, Merten DF; Kirks DR, (AJR), 143: 1325, 1984

amebic liver abscess: sonographic diagnosis and management, Berry M; Bazaz R; Bhargava S, (JCU), 14: 239, 1986

CT findings in biliary and pancreatic ascariasis, Radin DR; Vachon LA, (JCAT), 10: 508, 1986

dynamic CT features of hepatic abscesses, Mathieu D; Vasile N; Fagniez P-L; Sequi S; Grably D; Larde D, (Radiology), 154: 749, 1985

hepatic abscesses in the immunocompromised patient: role of CT in detection, diagnosis, management, and follow-up, Francis IR; Glazer GM; Amendola MA; et al. (Gastrointest Radiol), 11: 257, 1986

hepatic abscess in liver transplantation: accurate diagnosis and treatment, Brown RKJ; Memsic LDF; Pusey EJ; et al, (Clin Nucl Med), 11: 233, 1986

hepatic amebic abscess: cholescintigraphic rim enhancement, Remedios PA; Colletti PM; Ralls PW, (Radiology), 160: 395, 1986

integrated imaging of hepatic tumors in childhood, part II: benign lesions (congenital, reparative, and inflammatory), Miller JH; Greenspan BS, (Radiology), 154:

intrahepatic amebic abscesses: indications for and results of percutaneous catheter drainage, vanSonnenberg E. Mueller PR; Schiffman HR; Ferrucci JT Jr; Casola G; Simeone JF; Cabrera OA; Gosink BB, (Radiology), 156: 631, 1985

intrahepatic bile leak producing delayed accumulation of technetium-99m DISIDA in an amebic liver abscess, Prakash R; Jena A; Behari V; et al, (Clin Nucl Med), 11: 360,

morphologic aspects of hepatic abscesses at computed tomography and ultrasound, Terrier F; Becker CD; Triller JK, (Radiology), 151: 830, 1984

multiple anaerobic hepatic abscesses demonstrated on hepatobiliary scintigraphy, Moreno AJ; Battafarano NJ; Nelson PM; et al, (Clin Nucl Med), 11: 204,

percutaneous drainage of pyogenic liver abscesses, Johnson RD; Mueller PR; Ferrucci JT Jr, (AJR), 144: 463, 1985

roentgenological features of right suprahepatic space abscess, Peng-qiu M, (Radiology), **151**: 258, 1984

serial ultrasound in amoebic liver abscess, Simjee AC; Patel A; Gathiram V; et al, (Radiology), 156: 569, 1985 sonographic evaluation of hepatic abscesses, Wilson SR; Arenson AM, (Radiology), 154: 860, 1985

sonographic features of hepatic and amebiasis in childhood, Hayden CK Jr; Toups M; Swischuk LE; et al, (Radiology), 155: 855, 1985

variable CT appearance of hepatic abscesses, Halvorsen RA; Korobkin M; Foster WL Jr; et al, (AJR), 142: 941, 1984

### Liver, amyloidosis See Amyloidosis

Liver, anatomy accessory fissures of the liver: CT and sonographic appearance, Auh YH; Rubenstein WA; Zirinsky K; et al. (AJR), **143**: 565, 1984

CT of the papillary process of the caudate lobe of the liver, Auh YH; Rosen A; Rubenstein WA; et al, (AJR), **142**: 535, 1984

hepatic interlobar fissure: combined in vitro and in vivo study, Fried AM; Kreel L; Cosgrove DO, (AJR), 143: 561, 1984

portal blood supply of liver metastases, Lin G; Hagerstrand I; Lunderquist A, (AJR), **143**: 53, 1984

single photon emission computed tomograms of the liver: normal vascular intrahepatic structures, Pettigrew RI; Witztum KF; Perkins GC; Johnson ML; Burks RN; Verba JW; Halpern SE, (Radiology), 150: 219,

Liver, angiography

iver, angiography of liver transplantation patients, Zajko AB; Bron KM; Starzl TE; Van Thiel DH; Gartner JC; Iwatsuki 5; Shaw BW Jr; Zitelli Bj; Malatack JJ; Urbach AH, (Radiology), 157: 305, 1985 computed tomography and angiography in hepatocellular carcinoma, Smevik B; Kolmannskog F, (Radiology), 150: 614, 1984

digital celiac arteriography, Rossi P; Simonetti G; Passariello R; Tempesta P; Pesce B; Pavone P; Castrucci M, (Radiology), 154: 229, 1985

focal nodular hyperplasia and hepatic adenoma: comparison of angiography, CT, US, and scinitigraphy, Welch TJ; Sheedy PF II; Johnson CM; Stephens DH; Charboneau JW; Brown ML; May GR; Adson MA; McGill DB, (Radiology), 156: 593, 1985

hepatic imaging: current status, Zeman RK; Paushter DM; Schiebler ML; et al, (Radiol Clin North Am), 23: 473, 1985

hepatic lobar atrophy following obstruction of the ipsilateral portal vein from hilar cholangiocarcinoma, Takayasu K; Muramatsu Y; Shima Y; Moriyama N; Yamada T; Makuuchi M, (Radiology), 160: 389, 1986

hepatocellular carcinoma detected by iodized oil: use of anticancer agents, Ohishi H; Uchida H; Yoshimura H; Ohue S; Ueda J; Katsuragi M; Matsuo N; Hosogi Y, (Radiology), 154: 25, 1985

liver transplant recipients: portable duplex US with correlative angiography. Taylor KJW; Morse SS; Weltin GG; Riely CA; Flye MW, (Radiology), **159**: 357, 1986

(Radiology), 197.037, 1970.

Peliosis hepatis: diagnosis by magnification wedged hepatic venography, Lyon J; Bookstein JJ; Cartwright CA; Romano A; Heeney DJ, (Radiology), 150: 647, 1984

segmental staining on hepatic arteriography as a sign of intrahepatic portal vein obstruction, Matsui O; Takashima T; Kadoya M; Kitagawa K; Kamimura R; Itoh H; Suzuki M; Ida M, (Radiology), 152: 601.1984

"skip areas" in hepatic steatosis: sonographicangiographic study, Marchal G; Tshibwabwa-Tumba E; Verbeken E; et al, (Gastrointest Radiol), 11: 151, 1986

transhepatic collateral pathway due to vena caval obstruction, Salomonowitz E; Castaneda-Zuniga WR; Bass JL; et al, (AJR), 142: 1210, 1984

### Liver, biopsy

abdominal lesions: prospective study of clinical efficacy of percutaneous fine-needle biopsy, Bret PM; Fond A; Casola G; Bretagnolle M; Germain-Lacour MJ; Bret P; Labadie M; Buffard P, (Radiology), 159: 345,

benign circumscribed lesions of the liver diagnosed by ultrasonically guided fine-needle biopsy, Spamer C; Brambs H-J; Koch HK; et al, (JCU), 14: 83, 1986

CT-guided liver biopsies: eight years' experience. work in progress, Martino CR; Haaga JR; Bryan PJ; LiPuma JP; El Yousef SJ; Alfidi RJ, (Radiology), 152: 755, 1984

early diagnosis of hepatocellular carcinoma: usefulness of ultrasonically guided fine-biopsy aspiration biopsy, Tanaka S; Kitamura T; Kasugai H; et al, (JCU), 14: 11,

fine-needle biopsy of hepatic hemangioma with sonographic guidance, Solbiati L; Livraghi T; De Pra L; et al, (AJR), 144: 471,

transcatheter embolization of liver capsule perforation during transvenous liver biopsy, Braillon A; Revert R; Remond A; et al, (Gastrointest Radiol), 11: 279, 1986

transjugular liver biopsy in high-risk patients with hepatic disease, Velt PM; Choy OG; Shimkin PM; Link RJ, (Radiology), 153: 91,

transjugular liver biopsy: review of 461 biopsies, Gamble P; Colapinto RF; Stronell RD; Colman JC; Blendis L, (Radiology), **157**: 589, 1985

ultrasonically guided fine-needle biopsy in focal intrahepatic lesions: six years' experience, Bret PM; Sente J-M; Bretagnolle M; et al, (J Canad Assoc Radiol), 37: 5, 1986

value of heparinized fine-needle aspiration biopsy in liver malignancy, Kasugai H; Yamamoto R; Tatsuta M; et al, (AJR), **144**:

# Liver, blood supply

hemodynamics of portal blood flow shown by CT portography: work in progress, Reinig JW; Sanchez FW; Vujic I, (Radiology), 154: 473, 1985

hepatic arterial perfusion scintigraphy with Tc-99m-MAA: use of a totally implanted drug delivery system, Ziessman HA; Thrall JH; Yang PJ; Walker SC; Cozzi EA; Niederhuber JE; Gyves JW; Ensminger WD; Tuscan MC, (Radiology), 152: 167, 1984

intrahepatic portal vein branches studied by percutaneous transhepatic portography, Takayasu K; Moriyama N; Muramatsu Y; Shima Y; Goto H; Yamada T, (Radiology), 154: 31, 1985

intrahepatic venous collaterals forming via the inferior right hepatic vein in 3 patients with obstruction of the inferior vena cava, Takayasu K; Moriyama N; Muramatsu Y; Goto H; Shima Y; Yamada T; Makuuchi M; Yamasaki S; Hasegawa H; Hojo K, (Radiology), 154: 323, 1985

percutaneous transluminal angioplasty of the hepatic veins for treatment of Budd-Chiari syndrome, Uflacker R; Francisconi CF; Rodriguez MP; Amaral NM, (Radiology), 153: 641, 1984

portal blood supply of liver metastases, Lin G; Hagerstrand I; Lunderquist A, (AJR), **143**: 53, 1984

portal cavernoma: dynamic CT features and transient differences in hepatic attenuation, Mathieu D; Vasile N; Dibie C; Grenier P, (Radiology), **154**: 743, 1985

venous velocity: comparison with cineangiographic measurements, Ohnishi K; Saito M; Koen H; Nakayama T; Nomura F; Okuda K, (Radiology), 154: 495, 1985

xenon/CT blood flow mapping of the kidney and liver, Gur D; Yonas H; Wolfson SK Jr; et al, (JCAT), 8: 1124, 1984

### Liver, calcification

ischemic hepatic necrosis: cause of fetal liver calcification, Nguyen DL; Leonard JC, (AJR), 147: 596, 1986

sonographic diagnosis of cystic and calcifying liver processes, Kubler M, (Radiology), **150**: 298, 1984

## Liver, calculi

sonographic and computed tomographic evaluation of intrahepatic calculi, Menu Y; Lorphelin J.M.; Scherrer A; et al, (AJR), 145: 579, 1985

### Liver, cirrhosis

chronic liver disease: evaluation by magnetic resonance, Stark DD; Goldberg HI; Moss AA; Bass NM, (Radiology), **150**: 149,

cirrhosis: value of caudate to right lobe ratio in diagnosis with US, Giorgio A; Amoroso P; Lettieri G; Fico P; de Stefano G; Finelli L; Scala V; Tarantino L; Pierri P; Pesce G, (Radiology), 161: 443, 1986

computed tomography and sonography of hepatic cirrhosis and portal hypertension, Walker RM; Oliver TW Jr; McCain AH; Sones PJ Ir; Bernardino ME, (Radiographics), 4: 677, 1984

computed tomography of hepatic morphologic changes in cirrhosis of the liver, Torres WE; Whitmire LF; Gedgaudas-McClees K; et al, (JCAT), 10: 47, 1986

dilatation of the cystic veins in portal hypertension: sonographic demonstration, Marchal GJF; Van Holsbeeck M; Tshibwabwa-Tumba E; Goddeeris PG; Fevery J; Oyen RH; Adisoejoso B; Baert AL; Van Steenbergen W, (Radiology), 154: 187, 1985

echo-Doppler measurement of splanchnic blood flow in control and cirrhotic subjects, Zoli M; Marchesini G; Cordiani MR; et al,

enlarged umbilical vein as a sign of portal hypertension: detection by lateral radiography, Nishimura K; Togashi K; Itoh K; Dodo Y; Tanada S; Nakano Y; Torizuka K, (Radiology), 155: 294, 1985

FM sonography in diffuse liver disease: prospective assessment and blinded analysis, Ralls PW; Johnson MB; Kanel G; Dobalian DM; Colletti PM; Boswell WD Jr; Radin DR; Halls JM, (Radiology), 161: 451,

hepatic cirrhosis: magnetic resonance imaging, Goldberg HI; Moss AA; Stark DD; McKerrow J; Engelstad B; Brito AC, (Radiology), 153: 737, 1984

hepatocellular carcinoma: combined hepatic, arterial, and portal venous embolization, Nakao N; Miura K; Takahashi H; Ohnishi M; Miura T; Okamoto E; Ishikawa Y, (Radiology), 161: 303, 1986

portal pressure changes induced by medical treatment: US detection, Zoli M; Marchesini G; Marzocchi A; Marrozzini C; Dondi C; Pisi E, (Radiology), 155: 763, 1985

- portal venous system measurements in portal hypertension, Lafortune M; Marleau D; Breton G; Viallet A; Lavoie P; Huet P-M, (Radiology), **151**: 27, 1984
- predictive value of ultrasonography in the screening of non-ascitic cirrhotic patients with large varices, Cottone M; D'Amico G; Maringhini A; et al, (J Ultrasound Med), 5: 189, 1986
- regenerating nodules in cirrhosis: sonographic appearance with anatomic correlation, Freeman MP; Vick CW; Taylor KJW; et al, (AJR), 146: 533, 1986
- reversibility of intrapulmonary arteriovenous shunts in liver cirrhosis documented by serial radionuclide perfusion lung scans, Chen NS; Barnett CA; Farrer PA, (Radiology), **154**: 861, 1985
- splanchnic vein measurements in patients with liver cirrhosis: case-control study, Zoli M; Dondi C; Marchesini G; et al, (J Ultrasound Med), 4: 641, 1985
- transjugular liver biopsy in high-risk patients with hepatic disease, Velt PM; Choy OG; Shimkin PM; Link RJ, (Radiology), 153: 91,

### Liver, CT

- blood flow mapping in the human liver by the xenon/CT method, Gur D; Good WF; Herbert DL; et al, (JCAT), 9: 447, 1985
- case report. computed tomographic and ultrasound appearances of a solitary intrahepatic choledochal cyst, Austin RM; Sussman S; McArdle CR; et al, (Clin Radiol), 37: 149, 1986
- comparison of computed tomography, ultrasound and scintigraphy in the diagnosis of alcoholic liver disease, Meek DR; Mills PR; Gray HW; et al, (Radiology), 153: 267, 1984
- computed tomographic diagnosis of hepatic metastases in fatty infiltration, Lamki N; Raval B, (Radiology), **150**: 295, 1984
- computed tomography and angiography in hepatocellular carcinoma, Smevik B; Kolmannskog F, (Radiology), **150**: 614, 1984
- computed tomography of hepatic morphologic changes in cirrhosis of the liver, Torres WE; Whitmire LF; Gedgaudas-McClees K; et al, (JCAT), 10: 47, 1986
- computed tomography of liver trauma due to surgical refraction, Hunter V; Reid MH, (Radiology), **152**: 560, 1984
- computed tomography of the liver: evaluating focal defects on radionuclide liver-spleen scans, Djang WT; Young SW; Castellino RA; et al, (AJR), 142: 937, 1984
- computed tomography of the spleen and liver in sickle cell disease, Magid D; Fishman EK; Siegelman SS, (AJR), 143: 245, 1984
- CT appearance of multifocal hepatic steatosis, Flournoy JG; Potter JL; Sullivan BM; et al, (JCAT), 8: 1192, 1984
- CT appearance of omental packs, Sefczek RJ; Lupetin AR; Beckman I; Dash N, (Radiology), **156**: 472, 1985
- CT densities in delayed iodine hepatic I densities in defayed ionine nepainc scanning, Perkerson RB Jr; Erwin BC; Baumgartner BR; Phillips VM; Torres WE; Clements JL Jr; Gedgaudas-McClees RK; Bernardino ME, (Radiology), 155: 445, 1985
- CT diagnosis of fluid in lesser sac mimicking thrombosis of inferior vena cava, Raval B Hall JT; Jackson H, (JCAT), 9: 956, 1985
- CT of liver infarction, Adler DD; Glazer GM; Silver TM, (AJR), 142: 315, 1984
- CT of the liver and spleen with EOE-13: review of 225 examinations, Miller DL; Vermess M; Doppman JL; et al, (AJR), 143:
- delayed iodine scanning of the liver: promising CT technique, Phillips VM; Erwin BC; Bernardino ME, (JCAT), 9: 415,
- detection of hepatic metastases by proton spectroscopic imaging: work in progress, Lee JKT; Heiken JP; Dixon WT, (Radiology), 156: 429, 1985
- dynamic CT features of hepatic abscesses, Mathieu D; Vasile N; Fagniez P-L; Sequi S; Grably D; Larde D, (Radiology), **154**: 749,
- evaluation of arterial embolization therapy for hepatocellular carcinoma by computed tomography, Uchida H; Ohishi H; Kurosaki Y; et al, (Radiology), **150**: 866, 1984

- evolution of CT findings in hepatic hematoma, Savolaine ER; Grecos GP; Howard J; et al, (JCAT), 9: 1090, 1985
- fatty infiltration of the liver: ultrasonographic and computed tomographic correlation, Scatarige JC; Scott WW; Donovan PJ; et al, (Radiology), 153: 572, 1984
- focal fatty infiltration of the liver: diagnostic imaging, Baker MK; Wenker JC; Cockerill EM; Ellis JH, (Radiographics), 5: 923, 1985
- focal fatty infiltration of the liver mimicking a tumor: sonographic and CT features, Kawashima A; Suehiro S; Murayama S; et al, (JCAT), 10: 329, 1986
- focal fatty infiltration of the liver simulating metastatic disease, Yates CK; Streight RA, (Radiology), **159**: 83, 1986
- focal hepatic masses and fatty infiltration detected by enhanced dynamic CT, Alpern MB; Lawson TL; Foley WD; Perlman SJ; Reif LJ; Arevalos E; Rimm AA, (Radiology), 158: 45, 1986
- focal nodular hyperplasia and hepatic adenoma: comparison of angiography, CT, US, and scintigraphy, Welch TJ; Sheedy PF II; Johnson CM; Stephens DH; Charboneau JW; Brown ML; May GR; Adson MA; McGill DB, (Radiology), 156:
- functional imaging of the liver. new information from dynamic CT, Axel L; Dean PB; Moss AA; et al, (Radiology), **152**:
- gold storage in the liver: appearance on CT scans, De Maria M; De Simone G; Laconi A; Mercadante G; Pavone P; Rossi P, (Radiology), 159: 355, 1986
- hepatic abscesses in the immunocompromised patient: role of CT in detection, diagnosis, management, and follow-up, Francis IR; Glazer GM; Amendola MA; et al, (Gastrointest Radiol), 11: 257, 1986
- hepatic actinomycosis: CT features, Roesler PJ Jr; Wills JS, (JCAT), 10: 335, 1986
- hepatic adenomas and focal nodular hyperplasia: dynamic CT study, Mathieu D; Bruneton JN; Drouillard J; Pointreau CC; Vasile N, (Radiology), **160**: 53, 1986
- hepatic alveolar echinococcosis: correlative US and CT study, Didier D; Weiler S; Rohmer P; Lassegue A; Deschamps JP; Vuitton D; Miguet JP; Weill F, (Radiology), 154: 179,
- hepatic hemangioma: dynamic bolus CT, Freeny PC; Marks WM, (AJR), 147: 711, 1986
- hepatic imaging: current status, Zeman RK; Paushter DM; Schiebler ML; et al, (Radiol Clin North Am), 23: 473, 1985
- hepatic lobar atrophy following obstruction of the ipsilateral portal vein from hilar cholangiocarcinoma, Takayasu K; Muramatsu Y; Shima Y; Moriyama N; Yamada T; Makuuchi M, (Radiology), 160:
- hepatic parenchymal gas after blunt trauma, Panicek DM; Paquet DJ; Clark KG; Urrutia EJ; Brinsko RE, (Radiology), 159: 343,
- hepatocellular carcinoma: assessment of resectability by computed tomography and ultrasound, LeBerge JM; Laing FC; Federle MP; Jeffrey RB Jr; Lim RC Jr, (Radiology), 152: 485, 1984
- hepatosplenic fungal infection: CT and pathologic evaluation after treatment with liposomal amphotericin B, Shirkhoda A; Lopez-Berestein G, Holbert JM; Luna MA, (Radiology), 159: 349, 1986
- high resolution CT of the porta hepatis and hepatoduodenal ligament, Weinstein JB; Heiken JP; Lee JKT; DiSantis DJ; Balfe DM; Weyman PJ; Peterson RR, (Radiographics),
- imaging the pediatric liver: MRI and CT, Weinreb JC; Cohen JM; Armstrong E; et al, (AJR), 147: 785, 1986
- implications of rapid uniform density changes on hepatic computed tomography, Wenzel DJ; Batist G, (Radiology), 150: 296,
- liposomes loaded with contrast material for image enhancement in CT. work in progress, Ryan PJ; Davis MA; DeGaeta LR; Woda B; Melchior DL, (Radiology), 152: 759,

- measurement of liver volume by ultrasound and computed tomography, Fritschy P; Robotti G; Schneekloth G; et al, (Radiology), 151: 832, 1984
- mesenchymal hamartoma of the liver: computed tomography and ultrasonography, Giyanani VL; Meyers PC; Wolfson JJ, (JCAT), 10: 51, 1986
- morphologic aspects of hepatic abscesses at computed tomography and ultrasound, Terrier F; Becker CD; Triller JK, (Radiology), 151: 830, 1984
- nodular focal fatty infiltration of the liver: CT appearance, Baker ME; Silverman PM, (AJR), 145: 79, 1985
- patterns of contrast enhancement of benign and malignant hepatic neoplasms during bolus dynamic and delayed CT, Freeny PC, Marks WM, (Radiology), 160: 613, 1986 portal cavernoma: dynamic CT features and
- transient differences in hepatic attenuation, Mathieu D; Vasile N; Dibie C; Grenier P, (Radiology), **154**: 743, 1985
- portal thrombosis: dynamic CT features and course, Mathieu D; Vasile N; Grenier P, (Radiology), **154**: 737, 1985
- potential accuracy of dual-energy computed tomography for the determination of hepatic iron, Sephton RG, (Br J Radiol), 59: 351, 1986
- guantitative evaluation of biliary x-ray contrast agents in computed tomography, Evill CA; Wilson BC; Benness GT, (Radiology), 154: 567, 1985 screening for diffuse and focal liver disease: the case for hepatic computed tomography, Berland LL, (Radiology), 153: 267, 1984 segmental staining on hepatic arteriography as a sien of intrahepatic portal vein intrahepatic portal vein
- a sign of intrahepatic portal vein obstruction, Matsui O; Takashima T; Kadoya M; Kitagawa K; Kamimura R; Itoh H; Suzuki M; Ida M, (Radiology), 152: 601, 1984
- selective nonoperative management of blunt liver injury using computed tomography, Meyer AA; Crass RA; Lim RC Jr; et al, (Radiology), 157: 286, 1985
- (Radiology), 157; 286, 1985 single photon emission computed tomography (SPECT), planar scintigraphy, and transmission computed tomography: a comparison of accuracy in diagnosing focal hepatic disease, Brendel AJ; Leccia F; Drouillard J; San Galli F; Eresue J; Wynchank S; Barat J-L; Ducassou D, (Radiology), 153: 527, 1984

# Liver, cysts

- antenatal detection of hepatic cyst, Chung W-M, (JCU), 14: 217, 1986
- case report. computed tomographic and ultrasound appearances of a solitary intrahepatic choledochal cyst, Austin RM; Sussman S; McArdle CR; et al, (Clin Radiol), 37: 149, 1986
- cyst of the falciform ligament of the liver, Enterline DS; Rauch RE; Silverman PM; et al, (AJR), 142: 327, 1984
- hepatic alveolar echinococcosis: correlative US and CT study, Didier D; Weiler S; Rohmer P; Lassegue A; Deschamps JP; Vuitton D; Miguet JP; Weill F, (Radiology), 154: 179, 1985
- hepatic cysts: treatment with alcohol, Bean WJ; Rodan BA, (AJR), 144: 237, 1985
- hepatic echinococcal cysts: sonographic appearance and classification, Lewall DB; McCorkell SJ, (Radiology), 155: 773, 1985
- hepatic echinococcal cyst: successful percutaneous drainage, Mueller PR; Dawson SL; Ferrucci JT Jr; Nardi GL, (Radiology), 155: 627, 1985
- hepatic echinococcal cyst: successful percutaneous drainage, Morris DL, (Radiology), **159**: 567, 1986
- hepatic echinococcal cyst: successful percutaneous drainage: reply, Mueller PR, (Radiology), 159: 567, 1986
- integrated imaging of hepatic tumors in childhood. part II: benign lesions (congenital, reparative, and inflammatory), Miller JH; Greenspan BS, (Radiology), 154:
- liver cysts in autosomal-dominant polycystic kidney disease: clinical and computed tomographic study, Levine E; Cook LT; Grantham JJ, (AJR), 145: 229, 1985
- mesenchymal hamartoma of the liver in infant: its roentgen diagnosis, Egawa T; Kuroda C; Yoshioka H; et al, (Radiology), 152: 554, 1984

- mesenchymal hamartoma of the liver: radiologic-pathologic correlation, Ros PR; Goodman ZD; Ishak KG; Dachman AH; Olmsted WW; Hartman DS; Lichtenstein JE, (Radiology), 158: 619, 1986
- MR imaging of a hemorrhagic hepatic cyst in a patient with polycystic liver disease, Wilcox DM; Weinreb JC; Lesh P, (JCAT), 9:
- obstructive jaundice secondary to benign hepatic cyst, Clinkscales NB; Trigg LP; Poklepovic J, (Radiology), **154**: 643, 1985
- palliative punctures in polycystic liver and kidney disease under sonographic monitoring, Brockmann WP; Klapdor R, (Radiology), **158**: 566, 1986
- sonographic diagnosis of cystic and calcifying liver processes, Kubler M, (Radiology), **150**: 298, 1984
- ultrasonically diagnosed simple cysts of the liver, Solgaard S; Burcharth F; Miskowiak J; et al, (Radiology), **154**: 283,
- ultrasonographically solid, tumor-like appearance of echinococcal cysts in the liver, Barriga P; Cruz F; Lepe V; et al, (Radiology), **150**: 615, 1984

### Liver diseases

- cirrhosis: value of caudate to right lobe ratio in diagnosis with US, Giorgio A; Amoroso P; Lettieri G; Fico P; de Stefano G; Finelli L; Scala V; Tarantino L; Pierri P; Pesce G, (Radiology), **161**: 443, 1986
- CT and angiography of peliosis hepatis, Tsukamoto Y; Nakata H; Kimoto T; et al, (AJR), 142: 539, 1984
- CT appearance of multifocal hepatic steatosis, Flournoy JG; Potter JL; Sullivan BM; et al, (JCAT), 8: 1192, 1984
- CT findings in hepatic and splenic amyloidosis, Suzuki S; Takizawa K; Nakajima Y; et al, (JCAT), **10**: 332, 1986
- CT of hepatic schistosomiasis mansoni, Fataar S; Bassiony H; Satyanath S; et al, (AJR), **145**: 63, 1985
- diagnosis of diffuse hepatocellular diseases using SPECT, Kodama T; Watanabe K; Hoshi H; et al, (J Nucl Med), 27: 616, 1986
- diagnostic accuracy of computerized B-scan texture analysis and conventional texture analysis and conventional ultrasonography in diffuse parenchymal and malignant liver disease, Raeth Ü; Schlaps D; Limberg B; et al, (Radiology), **158**: 287, 1986
- endoscopic retrograde cholangiogram and pancreatogram in chronic liver disease, Hamilton I; Lintott DJ; Ruddell WSJ; et al, (Radiology), 150: 854, 1984
- evaluation of the jaundiced patient—an internist's perspective, Richter JM, (Semin US CT MR), 5: 369, 1984
- fascioliasis hepatis—computed tomography appearance, Goebel N; Markwalder K; Siegenthaler W, (Radiology), **156**: 863, 1985
- FM sonography in diffuse liver disease prospective assessment and blinded analysis, Ralls PW; Johnson MB; Kanel G; Dobalian DM; Colletti PM; Boswell WD Jr; Radin DR; Halls JM, (Radiology), 161: 451,
- focal fatty infiltration of the liver simulating metastatic disease, Yates CK; Streight RA, (Radiology), **159**: 83, 1986
- fractures on chest radiographs as indicators of alcoholism in patients with liver disease, Johnson RD; Davidson S; Saunders JB; et al, (Radiology), 153: 266, 1984
- hepatic actinomycosis: CT features, Roesler PJ Jr; Wills JS, (JCAT), 10: 335, 1986
- hepatobiliary scintigraphy: causes of prolonged retention in hepatic parenchyma, Lecklitner ML, (Semin Nucl Med), 14: 343,
- hepatosplenic fungal infection: CT and pathologic evaluation after treatment with liposomal amphotericin B, Shirkhoda A; Lopez-Berestein G; Holbert JM; Luna MA, (Radiology), 159: 349, 1986
- hepatosplenic schistosomiasis mansoni: ultrasound manifestations, Cerri GG; Alves VAF; Magalhaes A, (Radiology), **153**: 777, 1984

- liver involvement in chronic granulomatous disease: the role of ultrasound in diagnosis and treatment, Garel LA; Pariente DM; Nezelof C; Barral VJ; Aboulker C; Sauvegrain JH, (Radiology), 153: 117, 1984
- portal venous hemodynamics in chronic liver disease: effects of posture change and exercise, Ohnishi K; Saito M; Nakayama lida S; Nomura F: Koen H; Okuda K, (Radiology), **155**: 757, 1985
- preoperative scintigraphic evaluation of the liver and biliary tract in Caroli's disease, Georgiou E; Alevizaki CC; Proukakis C, (Radiology), 150: 870, 1984
- quantitative US attenuation in normal liver uantitative US attenuation in normal liver and in patients with diffuse liver disease: importance of fat, Taylor KJW; Riely CA; Hammers L; Flax S; Weltin GG; Garcia-Tsao G; Conn HO; Kuc R; Barwick KW, (Radiology), 160: 65, 1986
- screening for diffuse and focal liver disease gastroenterologist's viewpoint, Lightdale CJ, (Radiology), 153: 267, 1984
- screening for diffuse and focal liver disease: a surgeon's viewpoint, Copeland EM III, (Radiology), 153: 267, 1984
- screening for diffuse and focal liver disease: the case for hepatic sonography, Lewis E, (Radiology), 153: 267, 1984
- screening for diffuse and focal liver disease: the case for hepatic scintigraphy, McClees EC; Gedgaudas-McClees RK, (Radiology), 153: 267, 1984
- screening for diffuse and focal liver disease: the case for hepatic computed tomography, Berland LL, (Radiology), 153: 267, 1984
- sonographic patterns of pelvic and hepatic lesions in persistent trophoblastic disease, Woe JS; Wong LC; Ma HK, (Radiology), **157**: 574 1082
- sonography of diffuse benign liver diseas Accuracy of pattern recognition and grading, Needleman L; Kurtz AB; Rifkin MD; et al, (AJR), **146**: 1011, 1986
- transjugular liver biopsy in high-risk patients with hepatic disease, Velt PM; Choy OG; Shimkin PM; Link RJ, (Radiology), 153: 91,

### Liver, echinococcosis

- diagnostic criteria of hydatid disease on hepatic sonography, Hussain S, (J Ultrasound Med), 4: 603, 1985
- radiological changes under effect of mebendazole on univesicular hydatid cysts in the liver and lung, Bekhti A; Nizet M, (Eur J Radiol), 6: 156, 1986
- scintigraphic findings in a case of hydatid cyst of the liver communicating with the biliary system, Padhy AK; Gopinath PG; Basu AK; et al, (Clin Nucl Med), 11: 281, 1986

- changing pattern in focal fatty change of the liver: case report, Shah ZR; Bellon EM, (CT), 10: 261 1986
- characteristic sonographic signs of hepatic fatty infiltration, Quinn SF; Gosink BB, (AJR), 145: 753, 1985
- CT evaluation of the bile ducts in patients with fatty liver, Quint LE; Glazer GM, (Radiology), **153**: 755, 1984
- diffuse fatty infiltration of the liver by magnetic resonance, Pope CF; Gore JC; Sostman HD; et al, (Magn Res Imag), 4: 267,
- fatty infiltration of the liver: demonstration by proton spectroscopic imaging. preliminary observations, Lee JKT; Dixon WT; Ling D; Levitt RG; Murphy WA, (Radiology), 153:
- fatty infiltration of the liver: evaluation by proton spectroscopic imaging, Heiken JP; Lee JKT; Dixon WT, (Radiology), **157:** 707,
- fatty infiltration of the liver: ultrasonographic and computed tomographic correlation, Scatarige JC; Scott WW; Donovan PJ; et al, (Radiology), 153: 572, 1984
- (katalongy), 153. 37.2, 154 focal fatty infiltration of the liver: demonstration by magnetic resona imaging, Wenker JC; Baker MK; Ellis JH; et al, (AJR), 143: 573, 1984
- focal fatty infiltration of the liver: diagnostic imaging, Baker MK; Wenker JC; Cockerill EM; Ellis JH, (Radiographics), 5:

- focal fatty infiltration of the liver mimicking a tumor: sonographic and CT features, Kawashima A; Suehiro S; Murayama S; et al, (ICAT), 10: 329, 1986
- focal fatty infiltration of the liver simulating metastatic disease, Yates CK; Streight RA, (Radiology), 159: 83, 1986
- (Natiology), 1995 35, 1996 focal hepatic masses and fatty infiltration detected by enhanced dynamic CT, Alpern MB; Lawson TL; Foley WD; Perlman SJ; Reif LJ; Arevalos E; Rimm AA, (Radiology), 158: 45, 1986
- (Statistics) focal sparing in fatty infiltration of the liver, Kissin CM; Bellamy EA; Cosgrove DO; et al, (Br J Radiol), 59: 25, 1986
- nodular focal fatty infiltration of the liver: CT appearance, Baker ME; Silverman PM, (AJR), 145: 79, 1985
- nuclear medicine evaluation of focal fatty infiltration of the liver, Baker MK; Schauwecker DS; Wenker JC; et al, (Clin Nucl Med), 11: 503, 1986
- proton chemical shift imaging: evaluation of its clinical potential using an in vivo fatty liver model, Rosen BR; Carter EA; Pykett IL; Buchbinder BR; Brady TJ, (Radiology), 154: 469, 1985
- quantitative evaluation of fatty liver by computed tomography in rabbits, Kawata R; Sakata K; Kunieda T; et al, (AJR), 142: 741,
- quantitative US attenuation in normal liver uantitative US attenuation in normal liver and in patients with diffuse liver disease importance of fat, Taylor KJW; Riely CA; Hammers L; Flax S; Weltin GG; Garcia-Tsao G; Conn HO; Kuc R; Barwick KW, (Radiology), 160: 65, 1986
- radiocolloid liver imaging in hepatic steatosis, Lisbona R; Rush CL; Derbekyan V; et al, (Clin Nucl Med), 11: 183, 1986
- "skip areas" in hepatic steatosis: sonographic-angiographic study, Marchal G; Tshibwabwa-Tumba E; Verbeken E; et al, (Gastrointest Radiol), 11: 151, 1986
- transjugular liver biopsy in high-risk patients with hepatic disease, Velt PM; Choy OG; Shimkin PM; Link RJ, (Radiology), 153: 91,
- ultrasonography and computed tomography in focal fatty liver. report of two cases with special emphasis on changing appearances over time, Clain JE; Stephens DH; Charboneau JW, (Radiology), 156: 856, 1985
- ultrasound case of the day: annual meeting, 1985, Sandler MA; Beute GH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM, (Radiographics), 6: 921, 1986

- angiographic, hemodynamic, and histologic evaluation of portal hypertension and periportal fibrosis induced in the dog by retrograde biliary injections of sesame oil, Burgener FA; Gutierrez OH, (Invest Radiol), 21: 551, 1986
- characteristic sonographic features of schistosomal periportal fibrosis, Fataar S; Bassiony H; Satyanath S; et al, (AJR), 143: 69, 1984

# Liver, focal nodular hyperplasia

- iver, tocal nodular nyperplasia focal nodular hyperplasia and hepatic adenoma: comparison of angiography, CT, US, and scintigraphy, Welch TJ; Sheedy PF II; Johnson CM; Stephens DH; Charboneau JW; Brown ML; May GR; Adson MA; McGill DB, (Radiology), 156:
- hepatic adenomas and focal nodular hyperplasia: dynamic CT study, Mathieu D; Bruneton JN; Drouillard J; Pointreau CC; Vasile N, (Radiology), 160: 53, 1986
- hepatic tumors in children: ultrasonic differentiation of malignant from benign lesions, Brunelle FOS; Chaumont P, (Radiology), 150: 695, 1984
- integrated imaging of hepatic tumors in childhood. part II: benign lesions (congenital, reparative, and inflammatory), Miller JH; Greenspan BS, (Radiology), 154: 91, 1985
- MR imaging of hepatic focal nodular hyperplasia, Butch RJ; Stark DD; Malt RA, (JCAT), 10: 874, 1986
- radiographic characteristics of benign liver tumors: focal nodular hyperplasia and hepatic adenoma, Welch TJ; Sheedy PF II; Johnson CM; Stephens DH; Charboneau JW; May GR; Brown ML, (Radiographics), 5: 673, 1985

sonographic "scar sign" in focal nodular hyperplasia of the liver, Scatarige JC; Fishman EK; Sanders RC, (Radiology), **150**: 298, 1984

Liver, gas

hepatic parenchymal gas after blunt trauma, Panicek DM; Paquet DJ; Clark KG; Urrutia EJ; Brinsko RE, (Radiology), 159: 343,

Liver, hemorrhage evolution of CT findings in hepatic hematoma, Savolaine ER: Grecos GP; Howard J; et al, (JCAT), 9: 1090, 1985

hepatic rupture in preeclampsia: role of diagnostic imaging, Winer-Muram HT; Muram D; Salazar J; et al, (Radiology), 157:

serendipitous detection of a Mallory-Weiss tear on hepatic imaging, Swayne LC; Samach M, (Clin Nucl Med), 11: 597, 1986

Liver, hernia

hydrothorax, ascites, and right diaphragmatic hernia, Gilsanz V; Emons D; Hansmann M; Meradji M; Donaldson JS; Omenaca F; Quero J; Tucker BL, (Radiology), 158: 243, 1986

Liver, hypertrophy

iver, hypertrophy
hepatic lobar atrophy following obstruction of
the ipsilateral portal vein from hilar
cholangiocarcinoma, Takayasu K;
Muramatsu Y; Shima Y; Moriyama N;
Yamada T; Makuuchi M, (Radiology), 160:

### Liver, infarction

accurate demonstration of hepatic infarction in liver transplant recipients, Brown RKJ; Memsic LDF; Busuttil RW; et al, (J Nucl Med), 27: 1428, 1986

CT of liver infarction, Adler DD; Glazer GM; Silver TM, (AJR), 142: 315, 1984

focal hepatic infarction with bile lake formation, Peterson IM; Neumann CH, (AJR), 142: 1155, 1984

portal thrombosis: dynamic CT features and course, Mathieu D; Vasile N; Grenier P, (Radiology), **154**: 737, 1985

Liver, infection

radionuclide angiography in two cases of hepatic actinomycosis, Ueno K; Kabuto H; Haseda Y; et al, (Clin Nucl Med), 11: 44,

### Liver, inflammation See Hepatitis

Liver, injuries

blunt hepatic injury and elevated hepatic enzymes: clinical correlation in children, Oldham KT; Guice KS; Kaufman RA; et al, (Radiology), 156: 275, 1985

CT appearance of omental packs, Sefczek RJ; Lupetin AR; Beckman I; Dash N, (Radiology), **156**: 472, 1985

hepatic parenchymal gas after blunt trauma, Panicek DM; Paquet DJ; Clark KG; Urrutia EJ; Brinsko RE, (Radiology), **159**: 343,

selective nonoperative management of blunt liver injury using computed tomography, Meyer AA; Crass RA; Lim RC Jr; et al, (Radiology), **157**: 286, 1985

### Liver, iron content

over, from Contemporary magnetic resonance imaging and spectroscopy of hepatic iron overload, Stark DD; Moseley ME; Bacon BR; Moss AA; Goldberg HI; Bass NM; James TL, (Radiology), **154**: 137, 1985

potential accuracy of dual-energy computed tomography for the determination of hepatic iron, Sephton RG, (Br J Radiol), 59: 351, 1986

### Liver, MR studies

1.5 T in vivo <sup>31</sup>P NMR spectroscopy of the human liver using a sectorial resonator, Grist TM; Jesmanowicz A; Froncisz W; et al, (Magn Res Med), 3: 135, 1986

(Magin Res Med.), 5: 133, 1366
abdominal neuroblastoma: magnetic
resonance imaging and tissue
characterization, Fletcher BD; Kopiwoda SY;
Strandjord SE; Nelson AD; Pickering SP,
(Radiology), 155: 699, 1985
chapical skift misregization affect in

chemical shift misregistration effect in magnetic resonance imaging, Soila KP; Viamonte M Jr; Starewicz PM, (Radiology), 153: 819, 1984

chronic liver disease: evaluation by magnetic resonance, Stark DD; Goldberg HI; Moss AA; Bass NM, (Radiology), 150: 149,

detection of hepatic metastases by proton spectroscopic imaging: work in progress, Lee JKT; Heiken JP; Dixon WT, (Radiology), 156: 429, 1985

diffuse fatty infiltration of the liver by magnetic resonance, Pope CF; Gore JC; Sostman HD; et al, (Magn Res Imag), 4: 267,

fast-field-echo MR imaging with Gd-DTPA: physiologic evaluation of the kidney and liver, Pettigrew RI; Avruch L; Dannels W; Coumans J; Bernardino ME, (Radiology), 160: 561, 1986

fatty infiltration of the liver: demonstration by proton spectroscopic imaging, preliminary observations, Lee JKT; Dixon WT; Ling D; Levitt RG; Murphy WA, (Radiology), 153: 195, 1984

fatty infiltration of the liver: evaluation by proton spectroscopic imaging, Heiken JP; Lee JKT; Dixon WT, (Radiology), 157: 707, 1985

ferromagnetic particles as contrast agents for magnetic resonance imaging of liver and spleen, Dias MHM; Lauterbur PC, (Magn Res Med), 3: 328, 1986

focal fatty infiltration of the liver: demonstration by magnetic resona imaging, Wenker JC; Baker MK; Ellis JH; et al, (AJR), 143: 573, 1984

Gaucher disease: assessment with MR imaging, Lanir A; Hadar H; Cohen I; Tal Y; Benmair J; Schreiber R; Clouse ME, (Radiology), 161: 239, 1986

hepatic cavernous hemangioma: magnetic resonance imaging. work in progress, Glazer GM; Aisen AM; Francis IR; Gyves JW; Lande I; Adler DD, (Radiology), 155: 417,

hepatic cirrhosis: magnetic resonance imaging, Goldberg HJ; Moss AA; Stark DD; McKerrow J; Engelstad B; Brito AC, (Radiology), 153: 737, 1984

hepatic imaging: current status, Zeman RK; Paushter DM; Schiebler ML; et al, (Radiol Clin North Am), 23: 473, 1985

hepatic metastases studied with MR and CT, Heiken JP; Lee JKT; Glazer HS; Ling D, (Radiology), **156**: 423, 1985

hepatic tumors: differentiation by transverse relaxation time (T2) of magnetic resonance imaging, Ohtomo K; Itai Y; Furui S; Yashiro N; Yoshikawa K; Iio M, (Radiology), 155: 421, 1985

hepatic tumors: magnetic resonance and CT appearance, Moss AA; Goldberg HI; Stark DD; Davis PL; Margulis AR; Kaufman L; Crooks LE, (Radiology), 150:

hepatic vascular anatomy on magnetic resonance imaging, Fisher MR; Wall SD; Hricak H; et al, (AJR), 144: 739, 1985

imaging the pediatric liver: MRI and CT, Weinreb JC; Cohen JM; Armstrong E; et al, (AJR), 147: 785, 1986

(A)K), 147: 763, 1996
in vivo <sup>31</sup>P-MR spectroscopy of the liver in the infant rabbit to study the effect of hypoxia on the phosphorus metabolites and intracellular pH, Schmidt HC; Gooding CA; James TL, (Invest Radiol), 21: 156, 1986

iron-EHPG as an hepatobiliary MR contrast agent: initial imaging and biodistribution studies, Lauffer RB; Greif WL; Stark DD; et al, (JCAT), 9: 431, 1985

liver metastases: detection by phase-contrast MR imaging, Stark DD; Wittenberg J; Middleton MS; Ferrucci JT Jr, (Radiology), 158: 327, 1986

lobar intensity differences of the liver on MR imaging, Itai Y; Ohtomo K; Furui S; et al, (JCAT), 10: 236, 1986

magnetic resonance imaging and spectroscopy of hepatic iron overload, Stark DD; Moseley ME; Bacon BR; Moss AA; Goldberg HI; Bass NM; James TL, (Radiology), 154: 137, 1985

magnetic resonance imaging of hepatic lymphoma, Weinreb JC; Brateman L; Maravilla KR, (AJR), 143: 1211, 1984

magnetic resonance imaging of the liver, Haaga JR, (Radiol Clin North Am), 22: 879, 1984

MR imaging of a hemorrhagic hepatic cyst in a patient with polycystic liver disease, Wilcox DM; Weinreb JC; Lesh P, (JCAT), 9:

MR imaging of hepatic focal nodular hyperplasia, Butch RJ; Stark DD; Malt RA, (JCAT), 10: 874, 1986

MR imaging of the liver in primary hepatocellular carcinoma, Vermess M; Leung AW-L; Bydder GM; et al, (JCAT), 9: 749, 1985

MR imaging of the liver using short T1 inversion recovery sequences, Bydder GM; Steiner RE; Blumgart LH; et al, (JCAT), 9: 1084, 1985

noninvasive diagnosis of small cavernous hemangioma of the liver: advantage of MRI, Itai Y; Ohtomo K; Furui S; et al, (AJR), 145:

nuclear magnetic resonance imaging of the liver and pancreas, Davis PL; Moss AA; Goldberg HI; et al, (Radiographics), 4: 159,

nuclear magnetic resonance (NMR) imaging in the evaluation of the liver: a preliminary experience, Borkowski GP; Buonocore E; George CR; et al, (Radiology), 150: 864, 1984

nuclear magnetic resonance of the liver, spleen, and pancreas, Stark DD; Moss AA; Goldberg HI, (Cardiovasc Intervent Radiol), 8: 329, 1986

postoperative assessment of splenorenal shunts with MRI: preliminary investigation, Cohen JM; Weinreb JC; Redman HC, (AJR),

proton chemical shift imaging: evaluation of its clinical potential using an in vivo fatty liver model, Rosen BR; Carter EA; Pykett IL; Buchbinder BR; Brady TJ, (Radiology), 154:

469, 1985
pulse sequence optimization for MR imaging using a paramagnetic hepatobiliary contrast agent, Greif WL; Buxton RB; Lauffer RB; Saini S; Stark DD; Wedeen VJ; Rosen BR; Brady TJ, (Radiology), 157: 461, 1985
rapid MR imaging with suspended respiration: clinical application in the liver, Edelman RR; Hahn PF; Buxton R; Wittenberg J; Ferrucci TJ TJ; Saini S; Brady TJ, (Radiology), 161: 125, 1986
respiratory gating in magnetic resonance

respiratory gating in magnetic resonance imaging at 0.5 tesla, Runge VM; Clanton JA; Partain CL; James AE Jr, (Radiology), 151: 521, 1984

521, 1984 sectorial loop-gap resonator for <sup>31</sup>P NMR of the adult human liver at 1.5 T with surface tissue suppression, Jesmanowicz A; Froncisz W; Grist TM; et al, (Magn Res Med), 3: 76, 1986

Liver, necrosis

ischemic hepatic necrosis: cause of fetal liver calcification, Nguyen DL; Leonard JC, (AJR), 147: 596, 1986

Liver, percutaneous drainage obstructed hepatic duct bifurcation: decompression via single percutaneous tract, Druy EM; Melville GE, (AJR), 143: 73,

Liver, radiography
clinical radiology of the liver, parts A and B,
Herlinger H; Lunderquist A; Wallace S, eds,
Reviewed by Viamonte M Jr, (Radiology),
151: 376, 1984

liver and spleen. guide to diagnostic imaging. volume 1, Kovac A, Reviewed by Griffiths HJ, (Radiology), **151**: 314, 1984 roentgenological features of right suprahepatic space abscess, Peng-qiu M, (Radiology), 151: 258, 1984 Liver, radionuclide studies

accumulation of technetium-99m MDP in a cavernous hemangioma of the liver, Burkhalter JL; Morano JU; Patel BR, (Clin Nucl Med), 11: 498, 1986

August Med.), 11: 426, 1906 assessment of perfusion patterns during hepatic artery infusion chemotherapy: EOE-13 CT and <sup>968</sup>Tc-MAA scintigraphy, Miller DL; Schneider PD; Gianola FJ; et al, (AJR), 143: 827, 1984

Kuni CC; Klingensmith WC III, Reviewed by Wilson G, (Radiology), 152: 794, 1984

bone and liver images in medullary carcinoma of the thyroid gland: concise communication, Johnson DG; Coleman RE; McCook TA; et al. (Radiology), 154: 284,

comparison between 180° and 360° data reconstruction in single photon emission computed tomography of the liver and spleen, Ott RJ; Flower MA; Khan O; et al, (Radiology), 152: 869, 1984

comparison of computed tomography, ultrasound and scintigraphy in the diagnosis of alcoholic liver disease, Meek DR; Mills PR; Gray HW; et al, (Radiology), 153: 267, 1984

- computed tomography of the liver: evaluating focal defects on radionuclide liver-spleen scans, Djang WT; Young SW; Castellino RA; et al. (AJR), 142: 937, 1984
- decreased hepatic concentration of radiogallium—<sup>67</sup>Ga, Roswig DM; Spencer RP, (Semin Nucl Med), **14**: 57, 1984
- diagnosis of diffuse hepatocellular diseases using SPECT, Kodama T; Watanabe K; Hoshi H; et al, (J Nucl Med), 27: 616, 1986
- efficacy of liver scanning in malignant diseases, Harbert JC, (Semin Nucl Med), **14**: 287, 1984
- enhancement of hepatic gallium-67 uptake by asialo-transferrin, Scheffel U; Wagner HN Jr; Tsan M-F, (J Nucl Med), 27: 395, 1986
- erythromycin hepatotoxicity: rare cause of a false-positive technetium-99m DISIDA study, Swayne LC; Kolc J, (Clin Nucl Med), 11: 10, 1986
- esophageal reflux demonstrated on a hepatobiliary scan, Kramer EL; Sanger JJ, (Radiology), **153**: 861, 1984
- evaluation of intrahepatic cholestasis with radionuclide hepatobiliary imaging, Kuni CC; Klingensmith WC III; Fritzberg AR, (Radiology), 154: 284, 1985
- false-positive radiocolloid liver image due to a subphrenic abscess, Shih W-J; Daniel T; DeLand FH; et al, (Clin Nucl Med), 11: 400, 1986
- focal gallium uptake in the liver, Winzelberg GG, (Semin Nucl Med), **14:** 55, 1984
- focal nodular hyperplasia and hepatic adenoma: comparison of angiography, CT, US, and scintigraphy, Welch TJ; Sheedy PF II; Johnson CM; Stephens DH; Charboneau JW; Brown ML; May GR; Adson MA; McGill DB, (Radiology), 156: 593, 1985
- gastric air contrast: useful adjunct to hepatic artery scintigraphy, Wahl RL; Ziessman HA; Juni J; et al, (AJR), 143: 321, 1984
- hepatic imaging: current status, Zeman RK; Paushter DM; Schiebler ML; et al, (Radiol Clin North Am), 23: 473, 1985
- hepatobiliary scintigraphy: causes of prolonged retention in hepatic parenchyma, Lecklitner ML, (Semin Nucl Med), 14: 262, 1984
- hepatobiliary scintigraphy: causes of prolonged retention in hepatic parenchyma, Lecklitner ML, (Semin Nucl Med), 14: 343, 1984
- hepatobiliary scintigraphy in patients receiving hepatic artery infusion chemotherapy, Housholder DF; Hynes HE; Dakhil SR; et al, (Radiology), **159**: 821, 1986
- hepatobiliary scintigraphy in surgical patients, Van Rensburg LCJ; Klopper JF; Ellmann A, (Radiology), 155: 863, 1985
- hepatobiliary scintigraphy: nonvisualization of activity in the area of the gallbladder associated with intestinal activity, Lecklitner ML; Growcock G, (Semin Nucl Med), 14: 264, 1984
- hetalohilary scintigraphy: nonvisualization of activity in the area of the gallbladder associated with intestinal activity, Lecklitner ML; Growcock G, (Semin Nucl Med), 14: 345, 1984
- improved intrinsic resolution: does it make a difference? concise communication, Hoffer PB: Neumann R: Quartararo L; et al, (Radiology), 153: 861, 1984
- liver-spleen scintigraphy in patients with acquired immunodeficiency syndrome, Smith R, (AJR), 145: 1201, 1985
- liver-spleen studies with the rotating gamma camera. II. utility of tomography, Keyes JW Jr.; Singer D.; Satterlee W.; Kalff V; Harkness BA, (Radiology), 153: 537, 1984
- liver-spleen studies with the rotating gamma camera. I: utility of the rotating display, Kalff V; Satterlee W; Harkness BA; Singer D; Keyes JW Jr, (Radiology), 153: 533, 1984
- multiple anaerobic hepatic abscesses demonstrated on hepatobiliary scintigraphy, Moreno AJ; Battafrano NJ; Nelson PM; et al, (Clin Nucl Med), 11: 204, 1984
- nonvisualization of the liver by indium-111 oxine labeled leukocytes in alcoholic liver diseae, Segall GM; Goodwin DA, (Clin Nucl Med), 11:79, 1986

- nuclear medicine evaluation of focal fatty infiltration of the liver, Baker MK; Schauwecker DS; Wenker JC; et al, (Clin Nucl Med), 11: 503, 1986
- pericholecystic hepatic activity in cholescintigraphy, Smith R; Rosen JM; Gallo LN; Alderson PO, (Radiology), **156**: 797, 1985
- preoperative scintigraphic evaluation of the liver and biliary tract in Caroli's disease, Georgiou E; Alevizaki CC; Proukakis C, (Radiology), 150: 870, 1984
- radiocolloid liver imaging in hepatic steatosis, Lisbona R; Rush CL; Derbekyan V; et al, (Clin Nucl Med), 11: 183, 1986
- radiocolloid scintigraphy in Felty's syndrome, Shih W-J; Domstad PA; Li C-Y; et al, (AJR), 147: 181, 1986
- radionuclide liver scan. a screening test for the Budd-Chiari syndrome, Rossleigh MA; Uren RF; Morris JG, (Radiology), **153**: 575, 1984
- renal uptake in liver scan, Tiu S; Klein B; Kramer EL; et al, (Semin Nucl Med), 16: 80,
- scintigraphic evaluation of liver transplant function, Loken MK; Ascher NL; Boudreau RJ; et al, (J Nucl Med), 27: 451, 1986
- scintigraphic findings in a case of hydatid cyst of the liver communicating with the biliary system, Padhy AK; Gopinath PG; Basu AK; et al, (Clin Nucl Med), 11: 281, 1986
- scintigraphic findings in infantile hemangioendothelioma, Noel AW; Heyman S, (Clin Nucl Med), **11:** 413, 1986
- screening for diffuse and focal liver disease: the case for hepatic scintigraphy, McClees EC; Gedgaudas-McClees RK, (Radiology), 153: 267, 1984
- sequential computer-assisted hepatobiliary scintigraphy in the evaluation of conjoined twins, Wong DF; Espinola D; Camargo EE; et al, (AJR), 142: 479, 1984
- serendipitous detection of a Mallory-Weiss tear on hepatic imaging, Swayne LC; Samach M, (Clin Nucl Med), 11: 597, 1986
- single photon emission computed tomograms of the liver: normal vascular intrahepatic structures, Pettigrew RI; Witztum KF; Perkins GC; Johnson ML; Burks RN; Verba JW; Halpern SE, (Radiology), 150: 219, 1984
- isingle photon emission computed tomography (SPECT), planar scintigraphy, and transmission computed tomography: a comparison of accuracy in diagnosing focal hepatic disease, Brendel AJ; Leccia F; Drouillard J; San Galli F; Eresue J; Wynchank S; Barat J-L; Ducassou D, (Radiology), 153: 527, 1984
- small hepatocellular carcinomas in chronic liver disease: detection with SPECT, Kudo M; Hirasa M; Takakuwa H; Ibuki Y; Fujimi K; Miyamura M; Tomita S; Komori H; Todo A; Kitaura Y; Ikekubo K; Torizuka K, (Radiology), 159: 697, 1986
- SPECT liver imaging using an iterative attenuation correction algorithm and an external flood source, Malko JA; Van Heertum RL; Gullberg GT; et al, (J Nucl Med), 27: 701, 1986
- Tc-99m-galactosyl-neoglycoalbumin: in vivo characterization of receptor-mediated binding to hepatocytes, Vera DR, Krohn KA; Stadalnik RC; Scheibe PO, (Radiology), **151**: 191, 1984
- thrombosis and streptokinase lysis during hepatic intraarterial chemotherapy: value of perfusion scintigraphy, Ziessman HA; Juni JE; Gyves JW; et al, (AJR), 144: 1067, 1985
- transient focal liver scan defects in children receiving chemotherapy, work in progress, Abramson SJ; Barash FS; Seldin DW; Berdon WE, (Radiology), **150**: 701, 1984
- unusual cause of a hot spot on sulfur colloid liver imaging, Jackson DE Jr; Floyd JL, (Clin Nucl Med), 11: 549, 1986
- unusual hepatic uptake pattern of technetium-99m sulfur colloid and technetium-99m HDP in amyloidosis, Vincent LM; McCartney WH; Flynn TC, (Clin Nucl Med), 11: 436, 1986

- uptake of Tc-99m MAA by the liver during a thromboscintigram/lung scan, Marcus CS; Parker LS; Rose JG; et al, (Radiology), 150: 302. 1984
- visualization of the left hepatic lobe during radioisotopic venography/lung imaging with technetium-99m MAA, Bartold K; Fancher M; Abghari R, (Clin Nucl Med), 11: 259–1986

# Liver, rupture

- diagnostic value of ultrasonography in neonatal liver rupture, Zorzi C; Perale R; Benini F; et al, (Pediatr Radiol), **16**: 425, 1986
- hepatic rupture associated with pregnancy: treatment with transcatheter embolotherapy, Loevinger EH; Vujic I; Lee WM; et al, (Radiology), 156: 272, 1985
- transcatheter embolization of liver capsule perforation during transvenous liver biopsy, Braillon A; Revert R; Remond A; et al, (Gastrointest Radiol), 11: 279, 1986

### Liver, size

cirrhosis: value of caudate to right lobe ratio in diagnosis with US, Giorgio A; Amoroso P; Lettieri G; Fico P; de Stefano G; Finelli L; Scala V; Tarantino L; Pierri P; Pesce G, (Radiology), **161**: 443, 1986

### Liver, surgery

- monitoring hepatic cryosurgery with sonography, Onik G; Kane R; Steele G; et al, (AJR), 147: 665, 1986
- subhepatic sonography following cholecystectomy, Shirazi KK; Maull KI, (Radiology), **150**: 298, 1984

### Liver, transplantation

- accurate demonstration of hepatic infarction in liver transplant recipients, Brown RKJ; Memsic LDF; Busuttil RW; et al, (J Nucl Med), 27: 1428, 1986
- angiographic and interventional radiologic considerations in liver transplantation, Cardella JF; Castaneda-Zuniga WR; Hunter DW; et al, (AJR), 146: 143, 1986
- angiography of liver transplantation patients, Žajko AB; Bron KM; Starzl TE; Van Thiel DH; Gartner JC; Ivatsuki S; Shaw BW Jr; Zitelli BJ; Malatack JJ; Urbach AH, (Radiology), 157: 305, 1985
- cholangiography and interventional biliary radiology in adult liver transplantation, Zajko AB; Campbell WL; Bron KM; et al, (AJR), 144: 127, 1985
- CT appearance of impaired lymphatic drainage in liver transplants, Marincek B; Barbier PA; Becker CD; et al, (AJR), 147: 519, 1986
- hepatic abscess in liver transplantation: accurate diagnosis and treatment, Brown RKJ; Memsic LDF; Pusey EJ; et al, (Clin Nucl Med), 11: 233, 1986
- hepatic artery thrombosis after liver transplantation: radiologic evaluation, Segel MC; Zajko AB; Bowen A; et al, (AJR), 146: 137, 1986
- hepatopetal collaterals after portal vein thrombosis following liver transplantation, Zajko AB; Bron KM, (Cardiovasc Intervent Radiol), 9: 46, 1986
- liver transplant recipients: portable duplex US with correlative angiography, Taylor KJW; Morse SS; Weltin GG; Riely CA; Flye MW, (Radiology), 159: 357, 1986
- pediatric liver transplantation. part I. standardization of preoperative diagnostic imaging, Ledesma-Medina J; Dominguez R; Bowen A; Young LW; Bron KM, (Radiology), 157: 335, 1985
- pediatric liver transplantation. part II. diagnostic imaging in postoperative management, Dominguez R; Young LW; Ledesma-Medina J; Cienfuegos J; Gartner JC; Bron KM; Starzl TE, (Radiology), 157: 339, 1985
- pleural effusion following liver transplantation, Olutola PS; Hutton L; Wall WJ, (Radiology), **157:** 594, 1985
- scintigraphic evaluation of liver transplant function, Loken MK; Ascher NL; Boudreau RJ; et al, (J Nucl Med), 27: 451, 1986
- vascular complications after liver transplantation: 5-year experience, Wozney P; Zajko AB; Bron KM; et al, (AJR), 147: 657, 1986

### Liver, US studies

- accessory hepatic fissure mimicking an acoustically shadowing lesion, Wilbur AC; Schmit DJ; Ryva JC; et al, (J Ultrasound Med), 5: 341, 1986
- anechoic halo in solid liver tumors: sonographic, microangiographic, and histologic correlation, Marchal GJF; Pylyser K; Tshibwabwa-Tumba E; Verbeken E; Oven RH; Baert AL; Lauwerijns J, (Radiology), 156: 479, 1985
- attenuation of ultrasound: magnitude and frequency dependence for tissue characterization, Parker KJ; Lerner RM; Waag RC, (Radiology), 153: 785, 1984
- Budd-Chiari syndrome: US evaluation, Menu Y; Alison D; Lorphelin J-M; Valla D; Belghiti J; Nahum H, (Radiology), 157: 761, 1985
- Caroli disease: high-frequency US and pathologic findings, Marchal GJ; Desmet VJ; Proesmans WC; Moerman PL; Van Roost WW; Van Holsbeeck MT; Baert AL, (Radiology), 158: 507, 1986
- case report. computed tomographic and ultrasound appearances of a solitary intrahepatic choledochal cyst, Austin RM; Sussman Sy McArdle CR; et al, (Clin Radiol), 37: 149. 1986
- characteristic sonographic features of schistosomal periportal fibrosis, Fataar S; Bassiony H; Satyanath S; et al, (AJR), 143: 69, 1984
- characteristic sonographic signs of hepatic fatty infiltration, Quinn SF; Gosink BB, (AJR), 145: 753, 1985
- cirrhosis: value of caudate to right lobe ratio in diagnosis with US, Giorgio A; Amoroso P; Lettieri G; Fico P; de Stefano G; Finelli L; Scala V; Tarantino L; Pierri P; Pesce G, (Radiology), 161: 443, 1986
- clinical significance of focal echogenic liver lesions, Pen JH; Pelckmans PA; van Maercke YM; et al, (Gastrointest Radiol), 11: 61, 1986
- comparison of computed tomography, ultrasound and scintigraphy in the diagnosis of alcoholic liver disease, Meek DR; Mills PR; Gray HW; et al, (Radiology), 153: 267, 1984
- correlation of the real-time ultrasonographic appearance of hepatic-hemangiomas with angiography, Onodera H; Ohta K; Oikawa M; et al, (Radiology), **152**: 564, 1984
- diagnostic accuracy of computerized B-scan texture analysis and conventional ultrasonography in diffuse parenchymal and malignant liver disease, Raeth Ú; Schlaps D; Limberg B; et al, (Radiology), 158: 287, 1986
- diagnostic value of ultrasonography in neonatal liver rupture, Zorzi C; Perale R; Benini F; et al, (Pediatr Radiol), **16**: 425, 1986
- fatty infiltration of the liver: ultrasonographic and computed tomographic correlation, Scatarige JC; Scott WW; Donovan PJ; et al, (Radiology), 153: 572, 1984
- FM sonography in diffuse liver disease: prospective assessment and blinded analysis, Ralls PW; Johnson MB; Kanel G; Dobalian DM; Colletti PM; Boswell WD Jr; Radin DR; Halls JM, (Radiology), 161: 451, 1986
- focal and diffuse liver disease studied by quantitative microstructural sonography, King DL; Lizzi FL; Feleppa EJ; Wai PM; Yaremko MM; Rorke MC; Herbst J, (Radiology), 155: 457, 1985
- focal areas of decreased echogenicity in the liver at the porta hepatis, Berland LL, (J Ultrasound Med), 5: 157, 1986
- focal fatty infiltration of the liver: diagnostic imaging, Baker MK; Wenker JC; Cockerill EM; Ellis JH, (Radiographics), 5: 923, 1985
- focal fatty infiltration of the liver mimicking a tumor: sonographic and CT features, Kawashima A; Suehiro S; Murayama S; et al, (JCAT), 10: 329, 1986
- focal nodular hyperplasia and hepatic adenoma: comparison of angiography, CT, US, and scintigraphy, Welch TJ, Sheedy PF II; Johnson CM; Stephens DH; Charboneau JW; Brown ML; May GR; Adson MA; McGill DB, (Radiology), 156: 593, 1985

- frequency-demodulated US: evaluation in the liver. work in progress, Aufrichtig D; Lottenberg S; Hoefs J; Ferrari LA; Friedenberg RM; Kanel G; Cole-Beuglet C; Leeman S, (Radiology), 160: 59, 1986
- hepatic alveolar echinococcosis: correlative US and CT study, Didier D; Weiler S; Rohmer P; Lassegue A; Deschamps JP; Vuitton D; Miguet JP; Weill F, (Radiology), 154: 179, 1985
- hepatic echinococcal cysts: sonographic appearance and classification, Lewall DB; McCorkell SJ, (Radiology), 155: 773, 1985
- hepatic imaging: current status, Zeman RK; Paushter DM; Schiebler ML; et al, (Radiol Clin North Am), 23: 473, 1985
- hepatic pseudotumors in patients with ascites, Skwarok DJ; Goiney RC; Cooperberg PL, (J Ultrasound Med), 5: 5, 1986
- hepatic tumors: US contrast enhancement with CO<sub>2</sub> microbubbles, Matsuda Y; Yabuuchi I, (Radiology), **161**: 701, 1986
- hepatocellular carcinoma: assessment of resectability by computed tomography and ultrasound, LeBerge JM; Laing FC; Federle MP; Jeffrey RB Jr; Lim RC Jr, (Radiology), 152: 485, 1984
- hepatocellular carcinoma: US evolution in the early stage, Sheu J-C; Chen D-S; Sung J-L; Chuang C-N; Yang P-M; Lin J-T; Yang P-C, (Radiology), 155: 463, 1985
- hepatosplenic schistosomiasis mansoni: ultrasound manifestations, Cerri GG; Alves VAF; Magalhaes A, (Radiology), 153: 777, 1984
- hereditary hemorrhage telangiectasia: sonographic findings in the liver, Cloogman HM; DiCapo RD, (Radiology), 150: 521, 1984
- in vitro estimation of acoustic parameters of the liver and correlations with histology, Cloostermans MJTM; Mol H; Verhoef WA; et al, (Ultrasound Med Biol), 12: 39, 1986
- left upper quadrant pseudolesion secondary to normal variants in liver and spleen, Arenson AM; McKee JD, (JCU), 14: 558, 1986
- liver involvement in chronic granulomatous disease: the role of ultrasound in diagnosis and treatment, Garel LA; Pariente DM; Nezelof C; Barral V; Aboulker C; Sauvegrain JH, (Radiology), 153: 117, 1984
- liver size evaluated by ultrasound: ROC curves for hepatitis and alcoholism, Niederau C; Sonnenberg A, (Radiology), 153: 503, 1984
- liver transplant recipients: portable duplex US with correlative angiography, Taylor KJW; Morse SS; Weltin GG; Riely CA; Flye MW, (Radiology), 159: 357, 1986
- measurement of attenuation and scatterer spacing in human liver tissue: preliminary results, Sommer FG; Gregory PB; Fellingham LL; et al, (J Ultrasound Med), 3: 557, 1984
- measurement of liver volume by ultrasound and computed tomography, Fritschy P; Robotti G; Schneekloth G; et al, (Radiology), 151: 832, 1984
- mesenchymal hamartoma of the liver: computed tomography and ultrasonography, Giyanani VL; Meyers PC; Wolfson JJ, (JCAT), 10: 51, 1986
- Osler-Weber-Rendu disease with multiple intrahepatic arteriovenous fistulas, Danchin N; Thisse JY; Neimann JL; et al, (Radiology), 150: 867, 1984
- pedunculated hepatic hemangioma: unusual cause for anteriorly displaced retroperitioneal fat, Ellis JV; Salazar JE; Gavant ML, (J Ultrasound Med), 4: 623, 1985
- portal hemodynamics in patients with hepatocellular carcinoma, Moriyasu F; Ban N; Nishida O; Nakamura T; Soh Y; Miura K; Sakai M; Miyake T; Uchino H, (Radiology), 161: 707, 1986
- prominent periportal echogenicity: its sonographic evaluation and its significance, Chau EMT; Leong LLY; Chan FL, (Br J Radiol), 59: 543, 1986
- quantitative US attenuation in normal liver and in patients with diffuse liver disease: importance of fat. Taylor KJW, Riely CA; Hammers L; Flax S; Weltin GG; Garcia-Tsao G; Conn HO; Kuc R; Barwick KW, (Radiology), 160: 65, 1986

- regenerating nodules in cirrhosis: sonographic appearance with anatomic correlation, Freeman MP; Vick CW; Taylor KJW; et al, (AJR), 146: 533, 1986
- removal of air from liver specimens via vacuum, Sommer FG; Solomon H; Carroll B, (JCU), 14: 277, 1986
- screening for diffuse and focal liver disease: the case for hepatic sonography, Lewis E, (Radiology), 153: 267, 1984
- "skip areas" in hepatic steatosis: sonographicangiographic study, Marchal G; Tshibwabwa-Tumba E; Verbeken E; et al, (Gastrointest Radiol), 11: 151, 1986
- sonographic diagnosis of cystic and calcifying liver processes, Kubler M, (Radiology), **150**: 298, 1984
- sonographic evaluation of hepatic abscesses, Wilson SR; Arenson AM, (Radiology), **154**: 860, 1985
- sonographic "scar sign" in focal nodular hyperplasia of the liver, Scatarige JC; Fishman EK; Sanders RC, (Radiology), **150**: 298, 1984
- sonography of diffuse benign liver disease: accuracy of pattern recognition and grading, Needleman L; Kurtz AB; Rifkin MD; et al, (AJR), 146: 1011, 1986
- spontaneous regression of infantile hemangioendotheliomatosis of the liver: demonstration by ultrasound, Pardes JG; Bryan PJ; Gauderer MWL, (Radiology), **150**: 860, 1984
- subhepatic sonography following cholecystectomy, Shirazi KK; Maull KI, (Radiology), **150**: 298, 1984
- ultrasonically diagnosed simple cysts of the liver, Solgaard S; Burcharth F; Miskowiak J; et al, (Radiology), **154**: 283, 1985
- ultrasonic appearance of the liver in hepatic venous outflow obstruction (Budd-Chiari syndrome): case of pseudohepatic infarct associated with Behcer's disease, Nakayama S; Sakata J; Kusumoto S; et al, (JCU), 14: 300, 1986
- ultrasonographically solid, tumor-like appearance of echinococcal cysts in the liver, Barriga P; Cruz F; Lepe V; et al, (Radiology), 150: 615, 1984
- ultrasonographic features of hepatic adenomas in type I glycogen storage disease, Bowerman RA; Samuels BI; Silver TM, (Radiology), 150: 298, 1984
- ultrasonographic findings in the livers of patients with lepromatous leprosy, Doehring E; Reider F; Dittrich M; et al, (JCU), 14: 179, 1986
- ultrasonography of small hepatic tumors using high-resolution linear-array real-time instruments, Sheu J-C; Sung J-L; Chen D-S; Yu J-Y; Wang T-H, (Radiology), **150**: 797, 1984
- ultrasonography of the liver and biliary tree in children, Madigan SM; Teele RL, (Semin US CT MR), 5: 68, 1984
- ultrasonography of the pancreas, liver, and biliary system in cystic fibrosis, Wilson-Sharp RC; Irving HC; Brown RC; et al, (Radiology), 155: 861, 1985
- ultrasound-assisted liver biopsy, Judmaier G; Kathrein H, (Radiology), **151**: 274, 1984
- ultrasound case of the day: annual meeting, 1985, Sandler MA; Beute GH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM, (Radiographics), 6: 921, 1986
- ultrasound imaging: liver, spleen, pancreas, Cosgrove DO; McCready VR, Reviewed by Smith EH, (Radiology), 153: 502, 1984
- US-guided percutaneous alcohol injection of small hepatic and abdominal tumors, Livraghi T; Festi D; Monti F; Salmi A; Vettori C, (Radiology), 161: 309, 1986

## Liver neoplasms

- Adominal lesions: prospective study of clinical efficacy of percutaneous fine-needle biopsy, Bret PM; Fond A; Casola G; Bretagnolle M; Germain-Lacour MJ; Bret P; Labadie M; Buffard P, (Radiology), 159: 345, 1986
- bile duct necrosis: complication of transcatheter hepatic arterial embolization, Makuuchi M; Sukigara M; Mori T; Kobayashi J; Yamazaki S; Hasegawa H; Moriyama N; Takayasa K; Hirohashi S, (Radiology), 156: 331, 1985

- changes of arterial blood flow patterns during infusion chemotherapy, as monitored by intra-arterially injected technetium 99m macroaggregated albumin, Bledin AG; Kim EE; Chuang P; et al., (Radiology), 154: 285, 1985
- cholangitis complicating intraarterial chemotherapy in liver metastasis, Botet JF; Watson RC; Kemeny N; Daly JM; Yeh S, (Radiology), **156**: 335, 1985
- computed tomography and angiography in hepatocellular carcinoma, Smevik B; Kolmannskog F, (Radiology), **150**: 614, 1984
- CT densities in delayed iodine hepatic I densities in delayed iodine nepatic scanning, Perkerson RB Jr; Erwin BC; Baumgartner BR; Phillips VM; Torres WE; Clements JL Jr; Gedgaudas-McClees RK; Bernardino ME, (Radiology), 155: 445, 1985
- CT findings in hepatoblastoma, Amendola MA; Blane CE; Amendola BE; et al, (JCAT), 8: 1105, 1984
- diffuse hepatic hemangiomas: percutaneous transcatheter embolization with detachable silicone balloons, Burrows PE; Rosenberg HC; Chuang HS, (Radiology), 156: 85, 1985
- efficacy of liver scanning in malignant diseases, Harbert JC, (Semin Nucl Med), 14: 287 1984
- evaluation of arterial embolization therapy for hepatocellular carcinoma by computed tomography, Uchida H; Ohishi H; Kurosaki Y; et al, (Radiology), **150**: 866, 1984
- fibrolamellar hepatocarcinoma: clinical, radiologic, and pathologic features, Francis IR; Agha FP; Thompson NW; et al, (Gastrointest Radiol), 11: 67, 1986
- fibrolamellar hepatocellular carcinoma, Friedman AC; Lichtenstein JE; Goodman Z; Fishman EK; Siegelman SS; Dachman AH, (Radiology), 157: 583, 1985
- hepatic adenoma and focal nodular hyperplasia: clinical, pathologic, and radiologic features, Kerlin P; David GL; McGill DB; et al, (Radiology), **150**: 854, 1984
- hepatic arterial embolisation in patients with metastatic carcinoid tumours, Odurny A; Birch SJ, (Radiology), **159**: 575, 1986
- hepatic artery embolization of experimental hepatic tumors with absolute ethanol, Matsui O; Kawamura I; Kadoya M; et al, (Cardiovasc Intervent Radiol), 9: 146, 1986
- hepatic cavernous hemangioma: magnetic resonance imaging, work in progress, Glazer GM; Aisen AM; Francis IR; Gyves JW; Lande I; Adler DD, (Radiology), 155: 417,
- hepatic hemangioma: atypical appearance, Mikulis DJ; Costello P; Clouse ME, (AJR), 145: 77, 1985
- hepatic lymphangiomatosis: report of a case and review of the literature, Van Steenbergen W. Joosten E. Marchal GJ; et al, (Radiology), **158**: 857, 1986
- hepatic metastases studied with MR and CT, Heiken JP; Lee JKT; Glazer HS; Ling D, (Radiology), **156**: 423, 1985
- hepatic perfusion abnormalities during CT angiography: detection and interpretation, Freeny PC; Marks WM, (Radiology), 159: 685, 1986
- hepatic tumors: differentiation by transverse relaxation time (T2) of magnetic resonance imaging, Ohtomo K; Itai Y; Furui S; Yashiro N; Yoshikawa K; Iio M, (Radiology), 155: 421, 1985
- hepatocellular carcinoma with skeletal metastasis, Golimbu C; Firooznia H; Rafii M, (Radiology), **154**: 617, 1985
- hepatocellular carcinoma with venous invasion. sonographic-angiographic correlation, Subramanyam BR; Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, (Radiology), **150**: 793, 1984
- intrahepatic venous collaterals forming via the inferior right hepatic vein in 3 patients with obstruction of the inferior rocaca. Takayasu K; Moriyama N; Muramatsu Y; Goto H; Shima Y; Yamada T; Makuuchi M; Yamasaki S; Hasegawa H; Hojo K, (Radiology), 154; 323, 1985
- lipomatous tumors of the liver: evaluation with CT and US, Roberts JL; Fishman EK; Hartman DS; Sanders RC; Goodman ZD; Siegelman SS, (Radiology), 158: 613, 1986

- MR imaging of portal vein thrombus in hepatocellular carcinoma, Ohtomo K; Itai Y; Furui S; et al, (JCAT), 9: 328, 1985
- MR imaging of the liver in primary hepatocellular carcinoma, Vermess M; Leung AW-L; Bydder GM; et al, (JCAT), 9: 749, 1985
- myelolipoma of the liver, Rubin E; Russinovich NAE; Luna RF; et al, (Radiology), **156**: 266, 1985
- (kadiology), 196. 206, 1969 pediatric liver transplantation. part I. standardization of preoperative diagnostic imaging, Ledesma-Medina J; Dominguez R; Bowen A; Young LW; Bron KM, (Radiology), 157: 335, 1985
- peliosis hepatis: diagnosis by magnification wedged hepatic venography, Lyon J; Bookstein JJ; Cartwright CA; Romano A; Heeney DJ, (Radiology), 150: 647, 1984
- portal hemodynamics in patients with hepatocellular carcinoma, Moriyasu F; Ban N; Nishida O; Nakamura T; Soh Y; Miura K; Sakai M; Miyake T; Uchino H, (Radiology), 161: 707, 1986
- prediction of early death after therapeutic hepatic arterial embolisation, Powell-Tuck J; McIvor J; Reynolds KW; et al, (Radiology), 154: 272, 1985
- primary liver tumor in a young man: brief review of diagnostic strategies and treatment options, Kagan AR; Steckel RJ, (AJR), 145: 234, 1985
- prolonged hepatic enhancement on computed tomography in a case of hepatic lymphoma, Bechtold RE; Karstaedt N; Wolfman NT; et al, (JCAT), 9: 186, 1985
- radiographic characteristics of benign liver tumors: focal nodular hyperplasia and hepatic adenoma, Welch TJ; Sheedy PF II; Johnson CM; Stephens DH; Charboneau JW; May GR; Brown ML, (Radiographics), 5: 673, 1985
- splenic infarction, a complication of transcatheter hepatic arterial embolization for liver malignancies, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Ishikawa T; Ushio K; Matsue H; Sasagawa M; Yamada T, (Radiology), 151: 371, 1984
- thirty years of experience with pediatric primary malignant liver tumors, Giacomantonio A; Ein SH; Mancer K; et al, (Radiology), 155: 855, 1985
- Thorotrast-associated mucoepidermoid carcinoma of the liver, Lambrianides AL; Askew AR; Lefevre I, (Br J Radiol), 59: 791, 1986
- transcatheter arterial embolization of ruptured hepatocellular carcinoma associated with liver cirrhosis, Nouchi T; Nishimura M; Maeda M; et al, (Radiology), 156: 272, 1985
- transjugular liver biopsy in high-risk patients with hepatic disease, Velt PM; Choy OG; Shimkin PM; Link RJ, (Radiology), 153: 91,
- ultrasonographic features of hepatic adenomas in type I glycogen storage disease, Bowerman RA; Samuels BI; Silver TM, (Radiology), **150**: 298, 1984
- undifferentiated (embryonal) sarcoma of the liver: radiologic-pathlogic correlation, Ros PR; Olmsted WW; Dachman AH; Goodman ZD; Ishak KG; Hartman DS, (Radiology), 161: 141, 1986

# Liver neoplasms, angiography

- accuracy of angiography in the diagnosis of small hepatocellular carcinoma, Sumida M; Ohto M; Ebara M; et al, (AJR), 147: 531, 1986
- angiography of small hepatocellular carcinomas: analysis of 105 resected tumors, Takayasu K; Shima Y; Muramatsu Y; et al, (AJR), 147: 525, 1986
- computed tomography and angiography in carcinoid liver metastases, Smevik B; Kolmannskog F; Aakhus T, (Radiology), **152**:
- fibrolamellar hepatocellular carcinoma, Friedman AC; Lichtenstein JE; Goodman Z; Fishman EK; Siegelman SS; Dachman AH, (Radiology), 157: 583, 1985
- hepatic adenoma and focal nodular hyperplasia: clinical, pathologic, and radiologic features, Kerlin P; David GL; McGill DB; et al, (Radiology), **150**: 854, 1984

- hepatic perfusion abnormalities during CT angiography: detection and interpretation Freeny PC; Marks WM, (Radiology), 159: 685, 1986
- hepatocellular carcinoma and metastatic cancer detected by iodized oil, Nakakuma K; Tashiro S; Hiraoka T; Ogata K; Ootsuka K, (Radiology), 154: 15, 1985
- hepatocellular carcinoma: combined hepatic, arterial, and portal venous embolization, Nakao N; Miura K; Takahashi H; Ohnishi M; Miura T; Okamoto E; Ishikawa Y, (Radiology), 161: 303, 1986
- hepatocellular carcinoma: recent advances in diagnosis with iodized oil, Bookstein JJ, (Radiology), **154**: 253, 1985
- (Radiology), 161: 205, 1986 portal hemodynamics in patients with hepatocellular carcinoma, Moriyasu F; Ban N; Nishida O; Nakamura T; Soh Y; Miura K; Sakai M; Miyake T; Uchino H, (Radiology), 161: 707, 1986
- radiology of fibrolamellar hepatoma, Adam A; Gibson RN; Soreide O; et al, (Clin Radiol), 37: 355, 1986
- recurrent hepatoma with CT, MRI, and angiographic correlation, Zalev AH, (J Canad Assoc Radiol), 37: 114, 1986
- undifferentiated (embryonal) sarcoma of the liver: radiologic-pathlogic correlation, Ros PR; Olmsted WW; Dachman AH; Goodman ZD; Ishak KG; Hartman DS, (Radiology), 161: 141, 1986

## Liver neoplasms, blood supply

- definition of hepatic tumor microcirculation by single photon emission computerized tomography (SPECT), Gyves JW; Ziessman HA; Ensminger WD; et al, (Radiology), 157: 287, 1985
- hepatic arterial embolization for hepatocellular carcinoma. comparison of CT scans and resected specimens, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Yamada T; Kishi K; Hasegawa H; Okazaki N, (Radiology), 150: 661, 1984
- (Radiology), 161: 303, 1986

  (Radiology), 161: 303, 1986

  (Radiology), 161: 303, 1986
- (Nationgy), 154: 305, 1906 oil: use of anticancer agents, Ohishi H; Uchida H; Yoshimura H; Ohue S; Ueda J; Katsuragi M; Matsuo N; Hosogi Y, (Radiology), 154: 25, 1985
- management of the posthepatic artery embolization syndrome, Clouse ME; Lee RGL, (Radiology), 152: 238, 1984
- portal hemodynamics in patients with hepatocellular carcinoma, Moriyasu F; Ban N; Nishida O; Nakamtra T; Soh Y; Miura K; Sakai M; Miyake T; Uchino H, (Radiology), 161: 707, 1986

### Liver neoplasms, CT

- assessment of tumor response by computed tomography liver volumetry, Costello P; Duszlak EJ Jr; Lokich J; et al, (Radiology), 151: 830, 1984
- cholangiocarcinoma: imaging by MR, Dooms GC; Kerlan RK Jr; Hricak H; Wall SD; Margulis AR, (Radiology), **159**: 89,
- colorectal carcinoma evaluation with CT: preoperative staging and detection of postoperative recurrence, Freeny PC; Marks WM; Ryan JA; Bolen JW, (Radiology), 158: 347, 1986
- comparison of ultrasound and CT images of liver metastases, Pamilo M; Suramo I; Lahde S, (Radiology), **152**: 262, 1984
- computed tomographic arteriography in the pre-surgical evaluation of hepatic tumours, stack J; Legge D; Behan M, (Radiology), 153: 858, 1984
- computed tomography and angiography in carcinoid liver metastases, Smevik B; Kolmannskog F; Aakhus T, (Radiology), 152:
- computed tomography and ultrasonography of hepatoma, Teefey SA; Stephens DH; James EM; et al, (Clin Radiol), 37: 339, 1986
- CT of hepatic masses: significance of prolonged and delayed enhancement, Itai Y; Ohtomo K; Kokubo T; et al, (AJR), **146**: 729,
- CT volumetrics of primary liver cancers, Yang N-C; Leichner PK; Fishman EK; et al, (JCAT), 10: 621, 1986

- delayed hepatic CT scanning; increased confidence and improved detection of hepatic metastases, Bernardino ME; Erwin BC; Steinberg HV; Baumgartner BR; Torres WE; Gedgaudas-McClees RK, (Radiology), 159: 71, 1986
- dynamic computed tomography during arterial portography: most sensitive examination for small hepatocellular carcinomas, Matsui O; Takashima T; Kadoya M; et al, (JCAT), 9: 19, 1985
- dynamic CT features of arterioportal shunts in hepatocellular carcinoma, Itai Y; Furui S; Ohtomo K; et al, (AJR), 146: 723, 1986
- ethiodized oil emulsion enhanced computerized tomography in the preoperative assessment of metastases to the liver from the colon and rectum, Reed WP; Haney PJ; Elias EG; et al, (Radiology), 160: 572. 1986
- evaluation of focal hepatic masses: comparative study of MRI and CT, Glazer GM; Aisen AM; Francis IR; et al, (Gastrointest Radiol), 11: 263, 1986
- fibrolamellar hepatocellular carcinoma, Friedman AC; Lichtenstein JE; Goodman Z; Fishman EK; Siegelman SS; Dachman AH, (Radiology), 157: 583, 1985
- (Nationary), 197; 303, 1903 focal hepatic masses and fatty infiltration detected by enhanced dynamic CT, Alpern MB, Lawson TL, Foley WD; Perlman SJ; Reif LJ; Arevalos E; Rimm AA, (Radiology), 158; 45, 1986
- hepatic adenomas and focal nodular hyperplasia: dynamic CT study, Mathieu D; Bruneton JN; Drouillard J; Pointreau CC; Vasile N, (Radiology), 160: 53, 1986
- hepatic metastases studied with MR and CT, Heiken JP; Lee JKT; Glazer HS; Ling D, (Radiology), 156: 423, 1985
- hepatic perfusion abnormalities during CT angiography: detection and interpretation, Freeny PC; Marks WM, (Radiology), 159: 685, 1986
- hepatic plasmocytoma: sonographic and CT findings, Mathieu D; Elouaer-Blanc L; Divine M; et al, (JCAT), 10: 144, 1986
- hepatocellular carcinoma: combined hepatic, arterial, and portal venous embolization, Nakao N; Miura K; Takahashi H; Ohnishi M; Miura T; Okamoto E; Ishikawa Y, (Radiology), 161: 303, 1986
- hepatocellular carcinoma detected by iodized oil, Yumoto Y, Jinno K, Tokuyama K, Araki Y, Ishimitsu T, Maeda H, Konno T, Iwamoto S, Ohnishi K, Okuda K, (Radiology), **154**: 19, 1985
- hepatocellular carcinoma presenting as primary extrahepatic mass on CT, Longmaid HE III; Seltzer SE; Costello P; et al, (AJR), 146: 1005, 1986
- how accurate are computed tomographic scans in assessment of changes in tumor size?, Friedman MA; Resser KJ; Marcus FS; et al, (Radiology), **151**: 555, 1984
- image enhancement in computerized tomography for sensitive diagnosis of liver cancer and semiquantitation of tumor selective drug targeting with oily contrast medium, Maki S; Konno T; Maeda H, (Radiology), 158: 566, 1986
- improved detection of focal lesions with computerized tomographic examination of the liver using ethiodized oil emulsion (EOE-13) liver contrast, Sugarbaker PH; Vermess M; Doppman JL; et al., (Radiology), 155: 860, 1985
- integrated imaging of hepatic tumors in childhood, part II: benign lesions (congenital, reparative, and inflammatory), Miller JH; Greenspan BS, (Radiology), 154: 91, 1985
- integrated imaging of hepatic tumors in childhood. part I: malignant lesions (primary and metastatic), Miller JH; Greenspan BS, (Radiology), **154**: 83, 1985
- lipomatous tumors of the liver: evaluation with CT and US, Roberts JL; Fishman EK; Hartman DS; Sanders RC; Goodman ZD; Siegelman SS, (Radiology), **158**: 613, 1986
- patterns of contrast enhancement of benign and malignant hepatic neoplasms during bolus dynamic and delayed CT, Freeny PC; Marks WM, (Radiology), 160: 613, 1986
- peripheral low-density area of hepatic tumors: CT-pathologic correlation, Muramatsu Y; Takayasu K; Moriyama N; Shima Y; Goto H; Ushio K; Yamada T; Hasegawa H; Koyama Y; Hirohashi S, (Radiology), 160: 49, 1986

- portal vein involvement in hepatocellular carcinoma: dynamic CT features, Mathieu D; Grenier P; Larde D; Vasile N, (Radiology), 152: 127, 1984
- radiology of fibrolamellar hepatoma, Adam A; Gibson RN; Soreide O; et al, (Clin Radiol), 37: 355, 1986
- recurrent hepatoma with CT, MRI, and angiographic correlation, Zalev AH, (J Canad Assoc Radiol), 37: 114, 1986
- small hepatocellular carcinomas in chronic liver disease: detection with SPECT, Kudo M; Hirasa M; Takakuwa H; Ibuki Y; Fujimi K; Miyamura M; Tomita S; Komori H; Todo A; Kitaura Y; Ikekubo K; Torizuka K, (Radiology), 159: 697, 1986
- Thorotrast-induced hepatosplenic neoplasia: CT identification, Levy DW; Rindsberg S; Friedman AC; et al, (AJR), **146**: 997, 1986
- undifferentiated (embryonal) sarcoma of the liver: radiologic-pathlogic correlation, Ros PR; Olmsted WW; Dachman AH; Goodman ZD; Ishak KG; Hartman DS, (Radiology), 161: 141, 1986
- Liver neoplasms, diagnosis
- detection of hepatic metastases by proton spectroscopic imaging: work in progress, Lee JKT; Heiken JP; Dixon WT, (Radiology), 156: 429, 1985
- focal nodular hyperplasia and hepatic adenoma: comparison of angiography, CT, US, and scintigraphy, Welch TJ; Sheedy PF II; Johnson CM; Stephens DH; Charboneau JW; Brown ML; May GR; Adson MA; McGill DB, (Radiology), 156: 593. 1985.
- hepatic tumors in children: ultrasonic differentiation of malignant from benign lesions, Brunelle FOS; Chaumont P, (Radiology), **150**: 695, 1984
- (Mattology), 100.055, 1500
- hepatocellular carcinoma and metastatic cancer detected by iodized oil, Nakakuma K; Tashiro S; Hiraoka T; Ogata K; Ootsuka K, (Radiology), 154: 15, 1985
- hepatocellular carcinoma: assessment of resectability by computed tomography and ultrasound, LeBerge JM; Laing FC; Federle MP; Jeffrey RB Jr; Lim RC Jr, (Radiology), 152: 485, 1984
- hepatocellular carcinoma. changing concepts in diagnosis and management, Lim RC; Bongard FS, (Radiology), 154: 554, 1985
- hepatocellular carcinoma: recent advances in diagnosis with iodized oil, Bookstein JJ, (Radiology), **154**: 253, 1985
- integrated imaging of hepatic tumors in childhood, Neuenschwander S; Couanet D; Montagne JP, (Radiology), **158**: 278, 1986
- integrated imaging of hepatic tumors in childhood: reply, Miller JH; Greenspan BS, (Radiology), **158**: 278, 1986
- mesenchymal hamartoma of the liver: radiologic-pathologic correlation, Ros PR; Goodman ZD; Ishak KG; Dachman AH; Olmsted WW; Hartman DS; Lichtenstein JE, (Radiology), 158: 619, 1986
- segmental staining on hepatic arteriography as a sign of intrahepatic portal vein obstruction, Matsui O; Takashima T; Kadoya M; Kitagawa K; Kamimura R; Itoh H; Suzuki M; Ida M, (Radiology), 152: 601 1984
- small hepatocellular carcinomas in chronic liver disease: detection with SPECT, Kudo M; Hirasa M; Takakuwa H; Ibuki Y; Fujimi K; Miyamura M; Tomita S; Komori H; Todo A; Kitaura Y; Ikekubo K; Torizuka K, (Radiology), 159: 697, 1986
- ultrasonography of small hepatic tumors using high-resolution linear-array real-time instruments, Sheu J-C; Sung J-L; Chen D-S; Yu J-Y; Wang T-H, (Radiology), 150: 797, 1984
- Liver neoplasms, metastases
  - colorectal carcinoma evaluation with CT: preoperative staging and detection of postoperative recurrence, Freeny PC; Marks WM; Ryan JA; Bolen JW, (Radiology), 158: 347, 1986
  - computed tomographic diagnosis of hepatic metastases in fatty infiltration, Lamki N; Raval B, (Radiology), **150**: 295, 1984

- control of carcinoid syndrome with hepatic artery embolization, Mitty HA; Warner RRP; Newman LH; Train [5; Parnes IH, (Radiology), 155: 623, 1985
- (Radiology), 155: 625, 1565 delayed hepatic CT scanning: increased confidence and improved detection of hepatic metastases, Bernardino ME; Erwin BC; Steinberg HV; Baumgartner BR; Torres WE; Gedgaudas-McClees RK, (Radiology), 159: 71, 1986
- detection of hepatic metastases by proton spectroscopic imaging: work in progress, Lee JKT; Heiken JP; Dixon WT, (Radiology), 156: 429, 1985
- liver metastases: detection by phase-contrast MR imaging, Stark DD; Wittenberg J; Middleton MS; Ferrucci JT Jr, (Radiology), 158: 327, 1986
- optimal pulse sequence for imaging hepatic metastases, Henkelman RM; Hardy P; Poon PY; Bronskill MJ, (Radiology), 161: 727, 1986
- skeletal metastases from hepatoma: frequency, distribution, and radiographic features, Kuhlman JE; Fishman EK; Leichner PK; Magid D; Order SE; Siegelman SS, (Radiology), 160: 175, 1986
- thoracic roentgenologic manifestation in primary carcinoma of the liver, Tsai G-L; Liu J-D; Siauw C-P; et al, (Radiology), 155: 547,

# Liver neoplasms, MR studies

- cholangiocarcinoma: imaging by MR, Dooms GC; Kerlan RK Jr; Hricak H; Wall SD; Margulis AR, (Radiology), **159**: 89, 1986
- detection of hepatic metastases: analysis of pulse sequence performance in MR imaging, Stark DD; Wittenberg J; Edelman RR; Middleton MS; Saini S; Butch RJ; Brady TJ; Ferrucci JT Jr., (Radiology), 159: 365, 1986
- Ferricci J. Jr. (Radiology), 1993-305, 1700 diagnosis of small hepatocellular carcinoma: correlation of MR imaging and tumor histologic studies, Ebara M; Ohto M; Watanabe Y; Kimura K; Saisho H; Tsuchiya Y; Okuda K; Arimizu N; Kondo F; Ikehira H; Fukuda N; Tateno Y, (Radiology), 159: 371, 1986
- dynamic spin-echo MRI of liver cancer using gadolinium-DTPA: animal investigation, Saini S; Stark DD; Brady TJ; et al, (AJR), 147: 357, 1986
- evaluation of focal hepatic masses: comparative study of MRI and CT, Glazer GM; Aisen AM; Francis IR; et al, (Gastrointest Radiol), 11: 263, 1986
- gadolinium-DTPA in the assessment of liver tumours by magnetic resonance imaging, Carr DH; Graif M; Niendorf HP; et al, (Clin Radiol), 37: 347, 1986
- lobar intensity differences of the liver on MR imaging, Itai Y; Ohtomo K; Furui S; et al, (JCAT), 10: 236, 1986
- magnetic resonance imaging of cavernous hemangioma of the liver: tissue-specific characterization, Stark DD; Felder RC; Wittenberg J; et al, (AJR), 145: 213, 1985
- optimal pulse sequence for imaging hepatic metastases, Henkelman RM; Hardy P; Poon PY; Bronskill MJ, (Radiology), 161: 727, 1986
- recurrent hepatoma with CT, MRI, and angiographic correlation, Zalev AH, (J Canad Assoc Radiol), 37: 114, 1986

# Liver neoplasms, radionuclide studies

- Budd-Chiari syndrome complicating hepatocellular carcinoma: demonstration by multiple radiotracer scintigraphy, Lee VW; Peng TT; O'Brien MJ; et al, (Clin Nucl Med), 11: 102, 1986
- hepatic adenoma and focal nodular hyperplasia: clinical, pathologic, and radiologic features, Kerlin P; David GL; McGill DB; et al, (Radiology), **150**: 854, 1984
- hepatocellular carcinoma: uptake of 99mTc-IDA in primary tumor and metastasis, Lee VW; O'Brien MJ; Devereux DF; et al, (AJR), 143: 57, 1984
- integrated imaging of hepatic tumors in childhood. part II: benign lesions (congenital, reparative, and inflammatory), Miller JH; Greenspan BS, (Radiology), 154: 91, 1985
- integrated imaging of hepatic tumors in childhood, part I: malignant lesions (primary and metastatic), Miller JH; Greenspan BS, (Radiology), 154: 83, 1985

# Liver neoplasms, radionuclide studies

- liver function tests: study in patients with imaging-demonstrated metastases, Mathews J; Slavin JD Jr; Spencer RP, (Clin Nucl Med), 11: 344, 1986
- localization of <sup>99m</sup>Tc-HMDP in hepatic metastases from colonic carcinoma, Shih W-J. Domstad PA; Lieber A; et al, (AJR), **146**: 333, 1986
- quantitative hepatic arterial perfusion scintigraphy and starch microspheres in cancer chemotherapy, Ziessman HA; Thrall JH; Gyves JW; et al., (Radiology), 152: 870. 1984
- scintigraphic diagnosis of hepatic hemangioma: its role in the management of hepatic mass lesions, Moinuddin M; Allison JR; Montgomery JH; et al, (AJR), 145: 223, 1985
- small hepatocellular carcinomas in chronic liver disease: detection with SPECT, Kudo M; Hirasa M; Takakuwa H; Ibuki Y; Fujimi K; Miyamura M; Tomita S; Komori H; Todo A; Kitaura Y; Ikekubo K; Torizuka K, (Radiology), 159: 697, 1986
- specific diagnosis of hepatocellular carcinoma by scintigraphy. multiple radiotracer approach, Lee VW; O'Brien MJ; Morris PM; et al. (Radiology), 158: 288, 1986
- Tc-99m red blood cell scintigraphy in evaluating focal liver lesions, Rabinowitz SA; McKusick KA; Strauss HW, (AJR), 143: 63, 1984
- ultrasonographic and radionuclide detection of hepatocellular carcinoma in cirrhotics with low alpha-fetoprotein levels, Maringhini A; Cottone M; Sciarrino E; et al, (Radiology), 156: 282, 1985
- undifferentiated (embryonal) sarcoma of the liver: radiologic-pathlogic correlation, Ros PR; Olmsted WW; Dachman AH; Goodman ZD; Ishak KG; Hartman DS, (Radiology), 161: 141, 1986
- uptake of Tc-99m di-isopropyliminodiacetic acid by hepatocellular carcinoma: concise communication, Savitch I; Kew MC; Paterson A; et al. (Radiology), 153: 575, 1984
- visualization of caput medusa in a patient with hepatoma, Atkins HL; Oster ZH, (Clin Nucl Med), 11: 591, 1986

### Liver neoplasms, secondary

- anechoic halo in solid liver tumors: sonographic, microangiographic, and histologic correlation, Marchal GJF; Pylyser K; Tshibwabwa-Tumba E; Verbeken E; Oyen RH; Baert AL; Lauwerijns J, (Radiology), 156: 479, 1985
- ethiodized oil emulsion enhanced computerized tomography in the preoperative assessment of metastases to the liver from the colon and rectum, Reed WP; Haney PJ; Elias EG; et al, (Radiology), 160: 572, 1986
- hepatic metastases studied with MR and CT, Heiken JP; Lee JKT; Glazer HS; Ling D, (Radiology), **156**: 423, 1985
- hepatocellular carcinoma with venous invasion. sonographic-angiographic correlation, Subramanyam BR. Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, (Radiology), 150: 793, 1984
- iatrogenic sclerosing cholangitis following hepatic arterial chemotherapy infusion, Pien EH; Zeman RK; Benjamin SB; Barth KH; Jaffe MH; Choyke PL; Clark LR; Paushter DM, (Radiology), 156: 329, 1985
- peripheral low-density area of hepatic tumors: CT-pathologic correlation, Muramatsu Y; Takayasu K; Moriyama N; Shima Y; Goto H; Ushio K; Yamada T; Hasegawa H; Koyama Y; Hirohashi S, (Radiology), 160: 49, 1986
- portal blood supply of liver metastases, Lin G; Hagerstrand I; Lunderquist A, (AJR), **143**: 53, 1984

### Liver neoplasms, therapeutic radiology

- computed tomography in radiation therapy treatment planning of hepatic metastases, Rostock RA; Fishman EK; Zinreich ES; et al, (JCAT), 9: 755, 1985
- dose volume histogram analysis of liver radiation tolerance, Austin-Seymour MM; Chen GTY; Castro JR; et al, (Int J Radiat Oncol Biol Phys), 12: 31, 1986

- hepatobiliary scintigraphy in patients receiving hepatic artery infusion chemotherapy, Housholder DF; Hynes HE; Dakhil SR; et al, (Radiology), 159: 821, 1986
- interstitial radiation therapy for hepatic metastases: sonographic guidance for applicator placement, Dritschilo A; Grant EG; Harter KW; et al, (AJR), 147: 275, 1986

### Liver neoplasms, therapy

- arterial chemoembolization of hepatocellular carcinoma with mitomycin C microcapsules, Ohnishi K, Tsuchiya S; Nakayama T; Hiyama Y; Iwama S; Goto N; Takashi M; Ohtsuki T; Kono K; Nakajima Y; Okuda K, (Radiology), 152: 51, 1984
- causes of jaundice during hepatic artery infusion chemotherapy, Anderson SD; Holley HC; Berland LL; Van Dyke JA; Stanley RJ, (Radiology), 161: 439, 1986
- cholangitis complicating intraarterial chemotherapy in liver metastasis, Botet JF; Watson RC; Kemeny N; Daly JM; Yeh S, (Radiology), 156: 335, 1985
- DSA evaluation of surgically implantable Infusaid pump-catheter systems, Sanchez FW; Chuang VP; Murray DR; et al, (AJR), 146: 839, 1986
- evaluation of intrahepatic I-131 Ethiodol on a patient with hepatocellular carcinoma: therapeutic feasibility study, Park CH; Suh JH; Yoo HS; et al, (Clin Nucl Med), 11: 514, 1986
- gallbladder necrosis after transcatheter hepatic arterial embolization: a technique to avoid this complication, Onodera H; Oikawa M; Abe M; Goto Y, (Radiology), 152: 209, 1984
- hepatic arterial embolization for hepatocellular carcinoma. comparison of CT scans and resected specimens, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Yamada T; Kishi K; Hasegawa H; Okazaki N, (Radiology), 150: 661, 1984
- hepatic arterial perfusion scintigraphy with Tc-99m-MAA: use of a totally implanted drug delivery system, Ziessman HA; Thrall JH; Yang PJ; Walker SC; Cozzi EA; Niederhuber JE; Gyves JW; Ensminger WD; Tuscan MC, (Radiology), 152: 167, 1984
- hepatocellular carcinoma treated by transcatheter arterial embolization: progress evaluated by computed tomography, Furui S; Otomo K; Itai Y; Iio M, (Radiology), 150: 773, 1984
- management of the posthepatic artery embolization syndrome, Clouse ME; Lee RGL, (Radiology), **152**: 238, 1984
- serial changes in sonographic appearance after transcatheter hepatic arterial embolization, Onodera H; Oikawa M; Abe M; et al, (J Ultrasound Med), 4: 401, 1985
- thrombosis and streptokinase lysis during hepatic intraarterial chemotherapy: value of perfusion scintigraphy, Ziessman HA; Juni JE; Gyves JW; et al, (AJR), 144: 1067, 1985
- US-guided percutaneous alcohol injection of small hepatic and abdominal tumors, Livraghi T; Festi D; Monti F; Salmi A; Vettori C, (Radiology), 161: 309, 1986

# Liver neoplasms, US studies

- accuracy of dynamic ultrasonography in the diagnosis of malignant liver lesions, Holm J; Jacobsen B, (J Ultrasound Med), 5: 1, 1986
- comparison of ultrasound and CT images of liver metastases, Pamilo M; Suramo I; Lahde S, (Radiology), **152**: 262, 1984
- computed tomography and ultrasonography of hepatoma, Teefey SA; Stephens DH; James EM; et al, (Clin Radiol), 37: 339, 1986
- early detection of hepatocellular carcinoma by real-tme ultrasonography, prospective study, Sheu J-C; Sung J-I; Chen D-S; et al, (Radiology), **158**: 566, 1986
- fibrolamellar hepatocellular carcinoma, Friedman AC; Lichtenstein JE; Goodman Z; Fishman EK; Siegelman SS; Dachman AH, (Radiology), 157: 583, 1985
- hepatic plasmocytoma: sonographic and CT findings, Mathieu D; Elouaer-Blanc L; Divine M; et al, (JCAT), 10: 144, 1986

- hepatic tumors in children: ultrasonic differentiation of malignant from benign lesions, Brunelle FOS; Chaumont P, (Radiology), 150: 695, 1984
- hepatocellular carcinoma: US evolution in the early stage, Sheu J-C; Chen D-S; Sung J-L; Chuang C-N; Yang P-M; Lin J-T; Yang P-C, (Radiology), 155: 463, 1985
- hepatocellular carcinoma with venous invasion. sonographic-angiographic correlation, Subramanyam BR; Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, (Radiology), 150: 793, 1984
- infantile hemangioendothelioma of the liver, Diakoumakis EE; Weinberg B; Seife B; et al, (JCU), 14: 137, 1986
- integrated imaging of hepatic tumors in childhood. part II: benign lesions (congenital, reparative, and inflammatory), Miller JH; Greenspan BS, (Radiology), 154: 91, 1985
- integrated imaging of hepatic tumors in childhood, part I: malignant lesions (primary and metastatic), Miller JH; Greenspan BS, (Radiology), 154: 83, 1985
- intraoperative sonography: clinical usefulness in liver surgery, Igawa S; Sakai K; Kinoshita H; Hirohashi K, (Radiology), **156**: 473.1985
- lipomatous tumors of the liver: evaluation with CT and US, Roberts JL; Fishman EK; Hartman DS; Sanders RC; Goodman ZD; Siegelman SS, (Radiology), **158**: 613, 1986
- liver, Bernardino ME; Sones PJ Jr; Price RB; et al, (Clin Diagn Ultrasound), 14: 221, 1984
- ovarian carcinoma follow-up: US versus laparotomy, Khan O; Cosgrove DO; Fried AM; Savage PE, (Radiology), **159**: 111, 1986.
- radiology of fibrolamellar hepatoma, Adam A; Gibson RN; Soreide O; et al, (Clin Radiol), 37: 355, 1986
- small hepatocellular carcinomas in chronic liver disease: detection with SPECT, Kudo M; Hirasa M; Takakuwa H; Ibuki Y; Fujimi K; Miyamura M; Tomita S; Komori H; Todo A; Kitaura Y; Ikekubo K; Torizuka K, (Radiology), 159: 697, 1986
- spontaneous regression of mesenchymal hamartoma: observations using ultrasound, Kenney IJ; Hendry GMA; Mackinlay GA, (JCU), 14: 72, 1986
- ultrasonographic and radionuclide detection of hepatocellular carcinoma in cirrhotics with low alpha-fetoprotein levels, Maringhini A; Cottone M; Sciarrino E; et al, (Radiology), 156: 282, 1985
- undifferentiated (embryonal) sarcoma of the liver: radiologic-pathlogic correlation, Ros PR; Olmsted WW; Dachman AH; Goodman ZD; Ishak KG; Hartman DS, (Radiology), 161: 141, 1986

### Lung

- See also Bronchi; Lung neoplasms; Pleura; Respiratory distress syndrome
- glossary of terms for thoracic radiology: recommendations of the Nomenclature Committee of the Fleischner Society, Tuddenham WJ, (AJR), 143: 509, 1984

# Lung, abnormalities

- agenesis of the lung, Josephsen L; Josephsen P; Bitsch KR, (Pediatr Radiol), 16: 334, 1986
- cystic adenomatoid malformation: antenatal demonstration, Johnson JA; Rumack CM; Johnson ML; et al, (AJR), **142**: 483, 1984
- follow-up chest radiographs in Vietnam veterans: are they useful?, Pollei S; Mettler FA Jr; Kelsey CA; Walters MR; White RE, (Radiology), 161: 101, 1986
- horseshoe lung: clinical, pathologic, and radiologic features and a new plain film finding, Frank JL; Poole CA; Rosas G, (AJR), 146: 217, 1986
- "horseshoe" lung: report of five new cases, Freedom RM; Burrows PE; Moes CAF, (AJR), 146: 211, 1986
- late presentation of congenital cystic adenomatoid malformation of the lung, Hulnick DH; Naidich DP; McCauley DI; Feiner HD; Avitabile AM; Greco MA; Genieser NB, (Radiology), 151: 569, 1984

middle lobe torsion following right upper lobectomy, Pinstein ML; Winer-Muram H; Eastridge C; Scott RL, (Radiology), 155: 580,

nonpulmonary causes of dyspnea, Sivraprasad R; Payne CB Jr, (Radiol Clin North Am), 22: 463, 1984

North Am), 22: 463, 1984
pulmonary involvement in diseases of other
systems, Choplin RH; Theros EG, (Radiol
Clin North Am), 22: 673, 1984
pulmonary manifestations of renal disease,
Glorioso LW III; Lang EK, (Radiol Clin
North Am), 22: 647, 1984
pulmonary sequestration of the upper lobe in
children, Hoeffel J-C; Bernard C,
(Radiology), 160: 513, 1986
shrinking lungs, diaphragmatic dysfunction,
and systemic lupus erythematosus,
Thompson PJ; Dhillon DP;
Ledingham J; et al, (Radiology), 158: 857,
1986
sonographic detection of fetal extrathoracic

sonographic detection of fetal extrathoracic pulmonary sequestration, Mariona F; McAlpin G; Zador I; et al, (I Ultrasound

McAlpin G; Zador I; et al, (J Ultrasound Med), 5: 283, 1986 study of pulmonary ligament arteries: relationship to intralobar pulmonary sequestration, Stocker JT; Malczak HT, (Radiology), 155: 848, 1985 unusual demonstration of supernumerary bronchial lobe by pulmonary imaging, Liu R-5; Chen C-Y; Yeh S-H, (Clin Nucl Med), 11: 438, 1986

11: 438, 1986
Lung, abscess
CT of solitary cavitary infiltrates, Gross BH;
Glazer GM; Wimbish KJ, (Semin
Roentgenol), 19: 236, 1984
indium-111 labeled leukocyte images
demonstrating a lung abscess with
prominent fluid level, Massie JD; WinerMuram H, (Clin Nucl Med), 11: 590, 1986
Legionnaires' disease in the renal transplant
patient; clinical presentation and

Legionnaires disease in the renal transpla patient: clinical presentation and radiographic progression, Moore EH; Webb WR; Gamsu G; Golden JA, (Radiology), 153: 589, 1984 lung abscesses in children: diagnostic and

therapeutic needle aspiration, Lorenzo RL; Bradford BF; Black J; Smith CD, (Radiology), 157: 79, 1985

157: 79, 1985 nocardiosis of the lung: chest radiographic findings in 21 cases, Feigin DS, (Radiology), 159: 9, 1986 solitary pulmonary nodule with cavitation, Lubbers DJ, (Semin Roentgenol), 19: 160,

Lung, aeration See Lung, ventilation

Jung, anatomy
accessory fissures of the lung, Godwin JD;
Tarver RD, (AJR), 144: 39, 1985
CT identification of bronchopulmonary
segments: 50 normal subjects, Osborne DR;
Vock P; Godwin JD; et al, (AJR), 142: 47,

1984
isolated left thoracic isomerism, WinerMuram H; Ellis JV; Scott RL; Pinstein ML,
(Radiology), 155: 10, 1985
left minor fissure, Austin JHM, (Radiology),
161: 433, 1986

vascular converging points of the right pulmonary hilus and their diagnostic significance, Don C; Hammond DI, (Radiology), 155: 295, 1985

Lung, angiography See Pulmonary angiography

Lung, aspiration clinical outcome of needle aspirations of the

clinical outcome of needle aspirations of the lung when cancer is not diagnosed, Calhoun P; Feldman PS; Armstrong P; et al, (Radiology), 161: 858, 1986 neonatal aspiration syndrome due to vernix caseosa, Ohlsson A; Cumming WA; Najjar H, (Radiology), 156: 566, 1985 percutaneous needle lung aspiration for diagnosing pneumonitis in the patient with acquired immunodeficiency syndrome (AIDS), Wallace JM; Batra P; Gong H Jr; et al, (Radiology), 156: 853, 1985 (Radiology), 156: 853, 1985 radiographic plain film and CT findings in

adographic plain film and CT findings in lipoid pneumonia in infants following aspiration of mineral oil used in the treatment of partial small bowel obstruction by ascaris lumbricoides, de Oliveira A; Del Caro SR; Lamego CMB; et al, (Radiology), 156, 564 1085 156: 566, 1985

Lung, atelectasis See Lung, collapse

See Lung, collapse Lung, biopsy computed-tomographic-guided biopsy of small apical and peripheral upper-lobe lung masses, Gatenby RA; Mulhern CB Jr; Broder GJ; Moldofsky PJ, (Radiology), 150: 591, 1984

diagnosis for interstitial lung disease in agnosis for interstitual lung disease in patients with acquired immunodeficiency syndrome (AIDS): prospective comparison of bronchial washing, alveolar lavage, transbronchial lung biopsy, And open-lung biopsy, McKenna RJ Jr; Campbell A; McMurtrey MJ; et al, (Radiology), 160: 571, 1984

diagnosis of diffuse malignant infiltration of lung (lymphangitic carcinomatosis) by percutaneous fine-needle aspiration biopsy, Weisbrod GL; Stoneman HR; Tao LC, (Radiology), 159: 569, 1986

(naturingly), 139; 509; 1996 fine needle aspiration biopsy of mediastinal and peripheral pulmonary masses guided by real-time sonography, Pedersen OM; Aasen TB; Gulsvik A; et al, (Radiology), 160: 856, 1986

fine needle biopsy of solitary pulmonary metastases, Sinner WN, (Radiology), **154**: 553, 1985

553, 1985
importance and value of a preoperative diagnosis in oat cell carcinoma by radiography and its verification by fine needle biopsy (FNB), Sinner WN, (Radiology), 158: 565, 1986
indications for and diagnostic efficacy of open-lung biopsy in the patient with acquired immunodeficiency syndrome (AIDS), Pass HI; Potter D; Shelhammer J; et al, (Radiology), 160: 571, 1986

outpatient needle biopsy of the lung: its safety and utility, Stevens GM; Jackman RJ, (Radiology), 151: 301, 1984

(Radiology), 160: 501; 170: or diagnosing pneumonitis in the patient with acquired immunodeficiency syndrome (AIDS), Wallace JM, Batra P; Gong H Jr; et al, (Radiology), 160: 572, 1986

(Radiology), 100: 32, 1390 peripheral pulmonary lesions: ultrasonography and ultrasonically guided aspiration biopsy, Yang P-C; Luh K-T; Sheu J-C; Kuo S-H; Yang S-P, (Radiology), 155: 451, 1985

451, 1985
pulmonary hamartoma: diagnosis by
transthoracic needle-aspiration biopsy,
Hamper UM: Khouri NF; Stitis Fpy,
Siegelman SS, (Radiology), 155: 15, 1985
rapid cytology to decrease pneumothorax
incidence after percutaneous biopsy,
Johnsrude IS; Silverman JF;
Weaver MD; et al. (AJR), 144: 793, 1985
seeding of malignant cells into the needle
track after lung and peural biopsed

seeding of malignant cells into the needle track after lung and pleural biopsy, Muller NL; Bergin CJ; Miller RR; et al, (J Canad Assoc Radiol), 37: 192, 1986 supplementary tissue-core histology from line-needle transthoracic aspiration biopsy, Greene R; Szyfelbein WM; Isler RJ; et al, (AJR), 144: 787, 1985 transthoracic needle aspiration biopsy of benign and malignant lung lesions, Khouri NF; Stitik FP; Erozan YS; et al, (AJR), 144: 281, 1985

144: 281, 1985

use of the Rotex needle in percutaneous biopsy of pulmonary malignancy, Nahman BJ; Van Aman ME; McLemore WE; et al, (AJR), 145: 97, 1985

Lung, calcification

abnormal lung and liver uptake of gallium-67 and technetium-99m MDP in hypercalcemia of lymphoma with metastatic pulmonary calcification, Sullivan WT; Orzel JA; Reed KD; et al., (Clin Nucl Med), 11: 545,

calcified adenocarcinoma of the lung with very high CT numbers, Goldstein MS; Rush M; Johnson P; Sprung CL, (Radiology), 150: 785, 1984

calcified pulmonary sequestration: CT demonstration, Van Dyke JA; Sagel SS, (JCAT), 9: 372, 1985

computed tomographic and pathological findings in pulmonary alveolar microlithiasis, Chalmers AG; Wyatt J; Robinson PJ, (Br J Radiol), 59: 408, 1986

CT evidence of calcification within a small cell carcinoma of the lung, Kyser PL; McComb BL; Bennett WF, (Comput Radiol), 10: 107, 1986

idiopathic pulmonary ossification, Felson B; Schwarz J; Lukin RR; Hawkins HH, (Radiology), **153**: 303, 1984

pulmonary calcification in a renal transplant recipient, Evans TW; Collins M;

recipient, Evans TW; Collins M; Adams JE; et al, (Radiology), 150: 295, 1984 pulmonary hamartoma: CT findings, Siegelman SS; Khouri NF; Scott WW Jr; Leo FP; Hamper UM; Fishman EK; Zerhouni EA, (Radiology), 160: 313, 1986

pulmonary nodules: detection of calcification by linear and pluridirectional movement in tomographic study, Chasen MH; McCarthy MJ, (Radiology), 156: 589, 1985

solitary pulmonary nodules: CT assessment, Siegelman SS; Khouri NF; Leo FP; Fishman EK; Braverman RM; Zerhouni EA, (Radiology), 160: 307, 1986

invasive pulmonary aspergillosis and acute leukemia, Gefter WB; Albelda SM; Talbot GH; Gerson SL; Cassileth PA; Miller WT, (Radiology), **157**: 605, 1985

invasive pulmonary aspergillosis: characteristic findings on CT, the CT halo sign, and the role of CT in early diagnosis, Kuhlman JE; Fishman EK; Siegelman SS, (Radiology), 157: 611, 1985

pulmonary cavitations in Mycobacterium kansasii: distinctions from M. tuberculosis, Zvetina JR; Demos TC; Maliwan N; et al, (AJR), 143: 127, 1984

radiology of aseptic cavitation in pulmonary infarction, Wilson AG; Joseph AEA; Butland RJA, (Clin Radiol), 37: 327, 1986

## Lung, chronic obstructive lung disease

centrilobular emphysema: CT-pathologic correlation, Foster WL Jr; Pratt PC; Roggli VL; Godwin JD; Halvorsen RA Jr; Putman CE, (Radiology), **159**: 27, 1986

correlation of radiographic measurements and pulmonary function tests in chronic obstructive pulmonary disease, Reich SB; Weinshelbaum A; Yee J, (AJR), 144: 695,

radioaerosol assessment of mucociliary clearance: towards definition of a normal range, Agnew JE; Sutton PP; Pavia D; et al, (Br J Radiol), 59: 147, 1986

role of chest radiography in predicting the extent of airway disease in patients with suspected pulmonary embolism, Smith R; Ellis K; Alderson PO, (Radiology), 159: 391,

bronchial obstruction: a radiographic sign, Berdon WE; Dee G; Abramson SJ; Altman RP; Wung J-T, (Radiology), 150: 691,

computed tomographic features of round atelectasis, Glass TA; Armstrong P; Minor GR; et al, (Radiology), **150**: 295, 1984

computed tomographic study of bronchopulmonary collapse, Raasch BN; Heitzman ER; Carsky EW; Lane EJ; Berlow ME; Witwer G, (Radiographics), 4:

computed tomography of lobar collapse: 1. endobronchial obstruction, Naidich DP; McCauley DI; Khouri NF; et al, (Radiology), 151: 829, 1984

computed tomography of lobar collapse: 2. collapse in the absence of endobronchial obstruction, Naidich DP; McCauley DI; Khouri NF; et al, (Radiology), 151: 829, 1984

CT features of rounded atelectasis of the lung, Doyle TC; Lawler GA, (AJR), 143: 225, 1984

CT of lobar collapse, Naidich DP; Ettinger N; Leitman BS; et al, (Semin Roentgenol), 19:

CT of subpulmonic pleural effusions and atelectasis: criteria for differentiation from subphrenic fluid, Federle MP; Mark AS; Guillaumin ES, (AJR), 146: 685, 1986

lobar collapse iwth respiratory syncytial virus pneumonitis, Quinn SF; Erickson S; Oshman D; et al, (Radiology), **157**: 569, 1985

lower lobe collapse due to pleural effusion: CT analysis, Paling MR; Griffin GK, (JCAT), 9: 1079, 1985

plate atelectasis, Westcott JL; Cole S, (Radiology), 155: 1, 1985

response of atelectasis from lung cancer to radiation therapy, Majid OA; Lee S; Khushalani S; et al. (Int J Radiat Oncol Biol Phys), 12: 231, 1986

shrinking pleuritis with atelectasis: specificity of abnormalities present at conventional regiography of the lung, Dernevik L; colin L; Larsson S; et al. (Radiology). 159:

vascular converging points of the right pulmonary hilus and their diagnostic significance, Don C; Hammond DI, (Radiology), 155: 295, 1985

Lung, consolidation

MRI of pulmonary airspace disease: experimental model and preliminary clinical results, Moore EH; Webb WR; Muller N; et al, (AJR), 146: 1123, 1986

Lung, CT

ung, C1 broncholithiasis: its detection by computed tomography in patients with recurrent hemoptysis of unknown etiology, Shin MS; Ho K-J, (Radiology), **150**: 614, 1984

calcified pulmonary sequestration: CT demonstration, Van Dyke JA; Sagel SS, (JCAT), 9: 372, 1985

carcinomatous involvement of the hilum and mediastinum: computed tomographic and magnetic resonance evaluation, Heelan RT; Martini N; Westcott JL; Bains MS; Martin N; Westcott [J; Bains MS; Watson RC; Caravelli JF; Berkman YM; Henschke Cl; McCormack PM; McCaughan BC; Zaman MB, (Radiology), 156: 111, 1985

centrilobular emphysema: CT-pathologic correlation, Foster WL Jr, Pratt PC; Roggli VL; Godwin JD; Halvorsen RA Jr; Putman CE, (Radiology), **159**: 27, 1986

ruman C., (authorizy), 199: 27, 1900 centrilobular lesions of the lung: demonstration by high-resolution CT and pathologic correlation, Murata K; Itoh H; Todo G; Kanaoka M; Noma S; Itoh T; Furuta M; Asamoto H; Torizuka K, (Radiology), 161: 641, 1986

clinical commentary. advances in the diagnosis and treatment of broncholithiasis, Dixon GF; Donnerberg RL; Schonfeld SA; et al, (Radiology), 154: 269,

computed tomographic and pathological findings in pulmonary alveolar microlithiasis, Chalmers AG; Wyatt J; Robinson PJ, (Br J Radiol), 59: 408, 1986

computed tomographic diagnosis of pulmonary varix, Chaise LS; Soulen RL; Teplick S; et al, (Radiology), **151**: 554, 1984

computed tomographic features of round atelectasis, Glass TA; Armstrong P; Minor GR; et al. (Radiology), 150: 295, 1984

computed tomographic study of bronchopulmonary collapse, Raasch BN; Heitzman ER; Carsky EW; Lane EJ; Berlow ME; Witwer G, (Radiographics), 4: 195, 1984

computed tomography—a reliable diagnostic modality in pulmonary asbestosis, Sperber M; Mohan KK, (Radiology), 154:

computed tomography in diffuse lung disease: improving the image, Strickland B; Brennan J; Denison DM, (Clin Radiol), 37: 335, 1986

computed tomography in the assessment o bullous lung disease, Morgan MDL; Strickland B, (Radiology), **152**: 860, 1984

computed tomography in the evaluation of dirofilaria immitis granuloma of the lung, Cholankeril JV; Napolitano J; Ketyer S; et al, (Radiology), 151: 830, 1984

computed tomography of lobar collapse: 1 endobronchial obstruction, Naidich DP; McCauley DI; Khouri NF; et al, (Radiology), 151: 829, 1984

computed tomography of lobar collapse: 2. collapse in the absence of endobronchial obstruction, Naidich DP; McCauley DI; Khouri NF; et al., (Radiology), 151: 829, 1984 computed tomography of pulmonary hydatid disease, Saksouk FA; Fahl MH; Rizk GK, (JCAT), 10: 226, 1986

computed tomography of the chest in small cell lung cancer: potential new prognostic signs, Whitley NO; Fuks JZ; McCrea ES; et al, (AJR), 142: 885, 1984

computed tomography of the solitary pulmonary nodule, Siegelman SS; Khouri NF; Scott WW; et al, (Semin Roentgenol), 19: 165, 1984

computed tomography of traumatic lung cyst: case report, Black WC; Gouse JC; Williamson BRJ; et al, (CT), 10: 33, 1986

concepts in computed tomography of the thorax, Chasen MH; McCarthy MJ; Gilliland JD; Floyd JL, (Radiographics), 6:

cross-sectional imaging of silent pulmonary venous anomalies, Greene R; Miller SW, (Radiology), **159**: 279, 1986

CT demonstration of pulmonary effects of tangential beam radiation, Coscina WF; Arger PH; Mintz MC; et al, (JCAT), 10: 600, 1986

CT features of rounded atelectasis of the lung, Doyle TC; Lawler GA, (AJR), 143: 225, 1984

CT identification of bronchopulmonary segments: 50 normal subjects, Osborne I Vock P; Godwin JD; et al, (AJR), 142: 47,

CT in silicosis: correlation with plain films and pulmonary function tests, Bergin CJ; Muller NL; Vedal S; et al, (AJR), 146: 477,

CT in the diagnosis of interstitial lung disease, Bergin CJ; Muller NL, (AJR), 145: 505, 1985

CT of acute and chronic distal air space (alveolar) disease, Genereux GP, (Semin Roentgenol), 19: 211, 1984

CT of lobar collapse, Naidich DP; Ettinger N; Leitman BS; et al. (Semin Roentgenol), 19: 222, 1984

CT of localized lucent lung lesions, Putman CE; Godwin JD; Silverman PM; et al, (Semin Roentgenol), 19: 173, 1984

CT of solitary cavitary infiltrates, Gross BH; Glazer GM; Wimbish KJ, (Semin Roentgenol), 19: 236, 1984

CT of solitary pulmonary vascular lesions, Webb RW, (Semin Roentgenol), 19: 189,

CT of the pulmonary nodule: cooperative study, Zerhouni EA; Stitik FP; Siegelman SS; Naidich DP; Sagel SS; Proto AV; Muhm JR; Walsh JW; Martinez CR; Heelan RT; Brantly P; Bozeman RE; Disantis DJ; Ettenger N; McCauley D; Aughenbaugh GL; Brown LR; Miller WE; Litt AW; Leo FP; Fishman EK; Khouri NF, (Radiology), 160: 210, 1062. 319, 1986

CT of the thorax: pitfalls in interpretation, Proto AV; Rost RC Jr, (Radiographics), 5: 693, 1985

diffuse peripheral lung disease: evaluation by high-resolution computed tomography, Nakata H; Kimoto T; Nakayama T; Kido M; Miyazaki N; Harada S, (Radiology), 157: 181,

dynamic incremental computed tomography of the pulmonary hila using a flow-rate injector, Shepard J-AO; Dedrick CG; Spizarny DL; et al, (JCAT), **10**: 369, 1986

efficacy of routine whole lung tomography in germ cell tumors, Jochelson MS; Garnick MB; Balikian JP; et al, (Radiology),

fibrosing alveolitis: CT-pathologic correlation, Muller NL; Miller RR; Webb WR; Evans KG; Ostrow DN, (Radiology), 160: 585, 1986

high-resolution computed tomography of the pig lung, Todo G; Herman PG, (Invest Radiol), **21**: 689, 1986

hydrostatic pulmonary edema. an analysis of lung density changes by computed tomography, Hedlund LW; Vock P; Effmann EL; et al. (Radiology), 155: 284,

late presentation of congenital cystic adenomatoid malformation of the lung, Hulnick DH; Naidich DP; McCauley DI; Feiner HD; Avitabile AM; Greco MA; Genieser NB, (Radiology), 151: 569, 1984

lobe of the right brachiocephalic vein, Goebel N, (Radiology), **152**: 860, 1984

lower lobe collapse due to pleural effusion: CT analysis, Paling MR; Griffin GK, (JCAT), 9: 1079, 1985

measurement of lung gas volume and regional density by computed tomography in dogs, Wandtke JC; Hyde RW; Fahey PJ; et al, (Invest Radiol), 21: 108, 1986

mosaic oligemia simulating pulmonary infiltrates on CT, Martin KW; Sagel SS; Siegel BA, (AJR), **147**: 670, 1986

pulmonary asbestosis: CT study of subpleural uimonary asoestosis: L1 study of subpleura curvilinear shadow. work in progress, Yoshimura H; Hatakeyama M; Otsuji H; Maeda M; Ohishi H; Úchida H; Kasuga H; Katada H; Narita N; Mikami R; Konishi Y, (Radiology), **158**: 653, 1986

pulmonary hamartoma: CT findings, Siegelman SS; Khouri NF; Scott WW Jr; Leo FP; Hamper UM; Fishman EK; Zerhouni EA, (Radiology), 160: 313, 1986

pulmonary nodules: detection using magnetic resonance and computed tomography, Muller NL; Gamsu G; Webb WR, (Radiology), 155: 687, 1985

pulmonary nodules studied by computed tomography, Proto AV; Thomas SR, (Radiology), 156: 149, 1985

right-pneumonectomy syndrome: radiologic findings and CT correlation, Shepard J-AO; Grillo HC; McLoud TC; Dedrick CG; Spizarny DL, (Radiology), 161: 661, 1986

scimitar syndrome: four new cases examined with CT, Godwin JD; Tarver RD, (Radiology), 159: 15, 1986 solitary pulmonary nodule: role of CT, Sagel SS, (AJR), 147: 26, 1986

solitary pulmonary nodules: CT assessment, Siegelman S5; Khouri NF; Leo FP; Fishman EK; Braverman RM; Zerhouni EA, (Radiology), 160: 307, 1986

traction bronchiectasis in end-stage pulmonary fibrosis, Westcott JL; Cole SR, (Radiology), **161**: 665, 1986

upper abdominal computerized tomography scanning in staging non-small cell lung carcinoma, Chapman GS; Kumar D; Redmond J III; et al, (Radiology), 155: 860,

Lung, cysts

antenatal ultrasound diagnosis of cystic adenomatoid malformation of the lung Fitzgerald EJ; Toi A, (J Canad Assoc Radiol), 37: 48, 1986

computed tomography of traumatic lung cyst: case report, Black WC; Gouse JC; Williamson BRJ; et al, (CT), 10: 33, 1986

unintended percutaneous aspiration of pulmonary echinococcal cysts, McCorkell SJ, (AJR), 143: 123, 1984

Lung, density

effect of changes in inflation and blood volume on regional lung density—PET study: 2, Schuster DP; Marklin GF, (JCAT), 10: 730, 1986

mosaic oligemia simulating pulmonary infiltrates on CT, Martin KW; Sagel SS; Siegel BA, (AJR), **147**: 670, 1986

PET measurement of regional lung density: 1, Schuster DP; Marklin GF; Mintum MA; et al, (JCAT), 10: 723, 1986

Lung, diseases

ung, diseases
allergic bronchopulmonary aspergillosis:
natural history and classification of early
disease by serologic and rentgenographic
studies, Patterson R; Greenberger PA;
Halwig JM; et al. (Radiology), 161: 282, 1986
amiodarone-induced pulmonary toxicity,
Koslin DB; Chapman P; Youker JE; et al,
(Radiology), 155: 269, 1985

(Radiology), 155: 269, 1985 application of ILO classification to a population without industrial exposure: findings to be differentiated from pneumoconiosis, Epstein DM; Miller WT; Bresnitz EA; et al, (AJR), 142: 53, 1984 bone scintigraphy in two siblings with pulmonary alveolar microlithiasis, Garty I; Gailadi N; Flatau E, (Radiology), 158: 570, 1986

centrilobular lesions of the lung:
demonstration by high-resolution CT and
pathologic correlation, Murata K; Itoh H;
Todo G; Kanaoka M; Noma S; Itoh T;
Furuta M; Asamoto H; Torizuka K,
(Radiology), 161: 641, 1986
combined lung and bone disorder,
Garrett MK, (Semin Roentgenol), 20: 323,
1985

computed tomography—a reliable diagnostic modality in pulmonary asbestosis, Sperber M; Mohan KK, (Radiology), **154**: 859, 1985

computed tomography in diffuse lung disease: improving the image, Strickland B; Brennan J; Denison DM, (Clin Radiol), 37: 335, 1986

computed tomography in the assessment of bullous lung disease, Morgan MDL; Strickland B, (Radiology), **152**: 860, 1984

computed tomography of amiodarone pulmonary toxicity, Butler S; Smathers RL, (JCAT), 9: 375, 1985

computed tomography of pulmonary hydatid disease, Saksouk FA; Fahl MH; Rizk GK, (JCAT), 10: 226, 1986

(CAT), 10: 226, 1986 computer-assisted versus visual lung gallium-67 index in normal subjects and in patients with interstitial lung disorders, Wesselius LJ; Witztum KF; Taylor AT; et al, (Radiology), 152: 868, 1984

- course of bronchopulmonary dysplasia: radiographic follow-up, Mortensson W; Lindroth M, (Acta Radiol [Diagn]), 27: 19,
- CT in the diagnosis of interstitial lung disease Bergin CJ; Muller NL, (AJR), 145: 505, 1985
- CT of acute and chronic distal air space (alveolar) disease, Genereux GP, (Semin Roentgenol), 19: 211, 1984
- cystic adenomatoid malformation: antenatal demonstration, Johnson JA; Rumack CM; Johnson ML; et al, (AJR), 142: 483, 1984
- Jonason ML; et al. (AJR), 142: 405, 1904
  diagnosis for interstitial lung disease in
  patients with acquired immunodeficiency
  syndrome (AIDS): prospective comparison
  of bronchial washing, alveolar lavage,
  transbronchial lung biopsy, and open-lung
  biopsy, McKenna RJ Jr; Campbell A;
  McMurtrey MJ; et al., (Radiology), 160: 571,
  1986
- diffuse peripheral lung disease: evaluation by high-resolution computed tomography, Nakata H; Kimoto T; Nakayama T; Kido M; Miyazaki N; Harada 5, (Radiology), 157: 181,
- drug-induced pulmonary disease, part 1: cytotoxic drugs, Cooper JAD Jr; White DA; Matthay RA, (Radiology), **160**: 571, 1986
- drug-induced pulmonary disease, part 2: noncytotoxic drugs, Cooper JAD Jr; White DA; Matthay RA, (Radiology), 160: 571, 1986
- fatal desquamative interstitial pneumonia in three infants siblings, Tal A; Maor E; Bar-Ziv J; et al, (Radiology), **154**: 561, 1985
- fibrosing alveolitis: CT-pathologic correlation, Muller NL; Miller RR; Webb WR; Evans KG; Ostrow DN, (Radiology), 160: 585, 1986
- Hermansky-Pudlak syndrome: radiographic features, Leitman BS; Balthazar EJ; Garay SM; et al, (J Canad Assoc Radiol), 37:
- hyperimmunoglobulinemia E syndrome: pulmonary imaging considerations, Fitch SJ; Magill HL; Herrod HG; et al, (Pediatr Radiol), 16: 285, 1986
- idiopathic pulmonary ossification, Felson B; Schwarz J; Lukin RR; Hawkins HH, (Radiology), 153: 303, 1984
- interstitial lung diseases of unknown cause. disorders characterized by chronic inflammation of the lower respiratory tract. (first of two parts). Crystal RG; Bitterman PB; Rennard SI; et al., (Radiology), 152-549 1984
- interstitial lung disease: the role of the radiologist, Kerr IH, (Radiology), 152: 250,
- kaolinosis: radiological review, Wells IP; Bhatt RCV; Flanagan M, (Radiology), **159**:
- Legionnaires' disease in the renal transplant patient: clinical presentation and radiographic progression, Moore EH; Webb WR; Gamsu G; Golden JA, (Radiology), 153: 589, 1984
- localized pulmonary lymphangiectasia, Li Y-W; Snow J; Smith WL; et al, (AJR), 145: 269,
- miliary pulmonary blastomycosis, Stelling CB; Woodring JH; Rehm SR; Hopper DW; Noble RC, (Radiology), **150**: 7, 1984
- nonlymphomatous lymphoid disorders of the lung, Glickstein M; Kornstein MJ; Pietra GG; et al, (AJR), 147: 227, 1986
- patent ductus arteriosus in neonates with severe respiratory disease, Dudell GG; Gersony WM, (Radiology), **154**: 561, 1985
- pathogenesis of the granulomatous lung diseases, Hunninghake GW; Garrett KC; Richerson HB; et al, (Radiology), **155**: 547,
- persistent pulmonary abnormalities in newborns: changing picture of bronchopulmonary dysplasia, Heneghan MA; Sosulski R; Baquero JM, (Pediatr Radiol), 16: 180, 1986
- procainamide-induced lupus lung disease characterized by neutrophil alveolitis, Goldberg SK; Lipschutz JB; Ricketts RM; et al, (Radiology), 152: 839,
- pulmonary blastomycosis: radiologic manifestations, Halvorsen RA; Duncan JD; Merten DF; Gallis HA; Putman CE, (Radiology), 150: 1, 1984
  - \* The author has retracted this publication.

- pulmonary circulation: radiology of adaptation, Grainger RG, (Radiology), **156**: 561, 1985
- pulmonary eosinophilic granuloma: 25 year follow-up, Powers MA; Askin FB; Cresson DH, (Radiology), 153: 559, 1984 pulmonary gangrene as a complication of mucormycosis, Zagoria RJ; Choplin RH; Karstaedt N, (AJR), 144: 1195, 1985
- pulmonary hemorrhage associated with systemic lupus erythematosus in children, Ramirez RE; Glasier C; Kirks D; Shackelford GD; Locey M, (Radiology), 152: 409, 1984
- pulmonary involvement in chronic pancreatitis, Masoero G; Sinaci S; Arossa W; et al, (Radiology), **155**: 848, 1985
- pulmonary manifestations of AIDS: review of 106 episodes, Suster B; Akerman M; Orenstein M; Wax MR, (Radiology), **161**: 87,
- pulmonary melioidosis, Buchet R; Tredaniel J, (Radiology), 158: 565, 1986
- respiratory health in workers exposed to man-made vitreous fibers, Weill H; Hughes JM; Hammad YY; et al, (Radiology), 153: 266,
- respiratory tract in amyloidosis and the plasma cell dyscrasias, Gross BH; Felson B; Birnberg FA, (Semin Roentgenol), **21**: 113,
- small nodular pattern in the lungs due to opportunistic toxoplasmosis, Prosmanne O; Chalaoui J; Sylvestre JJ; et al, (Radiology), 155: 270, 1985
- solitary pulmonary nodule with cavitation, Lubbers DJ, (Semin Roentgenol), 19: 160, 1984
- 1794 tale: understanding its manifestations in the chest, Feigin DS, (AJR), 146: 295, 1986 thin-walled ring shadow in early pulmonary sarcoidosis, Jones DK; Dent RG; Rimemr MJ; et al, (Radiology), 154: 847, 1985

# Lung, edema See Lung, fluid

- Lung, effects of drugs on
  - bleomycin-related lung damage: CT evidence, Bellamy EA; Husband JE; Blaquiere RM; Law MR, (Radiology), **156**: 155, 1985
- Law MŘ, (Radiology), 156: 155, 1985 factors affecting the pulmonary toxicity of bleomycin, Parvinen LM; Kilkku P; Makinen E; et al. (Radiology), 154: 269, 1985 follow-up chest radiographs in Vietnam veterans: are they useful?, Pollei S; Mettler FA Jr; Kelsey CA; Walters MR; White RE, (Radiology), 161: 101, 1986 gallium scintigraphy in the detection of amiodarone lung toxicity, Moinuddin M; Rockett J, (AJR), 147: 607, 1986

- inapparent pulmonary vascular disease in an ex-heroin user, Incalzi RA; Maini CL; Bonetti MG; et al, (Clin Nucl Med), 11: 266,
- pneumonitis after amiodarone therapy, Olson LK; Forrest JV; Friedman PJ; Kiser PE; Henschke CI, (Radiology), **150**: 327, 1984 speculation on the mechanism for
- speculation on the mechanism for amiodarone-induced pneumonitis, Camus P; Jeannin L, (Radiology), 150: 279, 1984 speculation on the mechanism for amiodarone-induced pneumonitis: reply, Gefter WB; Pietra GG; Epstein DM; Miller WT, (Radiology), 150: 280, 1984
- speculation on the mechanism for amiodarone-induced pneumonitis: further comment, Camus P; Jeannin L, (Radiology), 150: 280, 1984
- Lung, effects of irradiation on
- psessment of acute radiation-induced pulmonary changes using computed tomography, Mah K; Poon PY; Van Dyk J; et al, (JCAT), 10: 736, 1986
- CT demonstration of pulmonary effects of tangential beam radiation, Coscina WF; Arger PH; Mintz MC; et al, (JCAT), 10: 600, 1986
- lung function after bone marrow grafting, Depledge M; Barrett A; Powles RL, (Radiology), **151**: 563, 1984
- pathophysiologic and roentgenologic effects of chest irradiation in breast carcinoma, Kaufman J; Gunn W; Hartz AJ; et al. (Int J Radiat Oncol Biol Phys), 12: 887, 1986
- Lung, fibrosis
  - ung, Horous clinical, radiographic, and physiologic scoring system for the longitudinal assessment of patients with idiopathic pulmonary fibrosis, Watters LC, King TE, Schwarz MI; et al, (Radiology), 159: 820, 1986

- factors affecting the pulmonary toxicity of bleomycin, Parvinen LM; Kilkku P; Makinen E; et al, (Radiology), **154**: 269, 1985
- makinen E, et al., (Kadiology), 154: 269, 1995 fibrosing alveolitis: CT-pathologic correlation, Muller NL; Miller RR; Webb WR; Evans KG; Ostrow DN, (Radiology), 160: 585, 1986 diopathic pulmonary fibrosis: another cause of ventilation/perfusion mismatch, Eary JF; Fisher MC; Cerqueira MD, (Clin Nucl Med), 11: 306, 1986 11: 396, 1986
- 11: 396, 1986
  pulmonary asbestosis: CT study of subpleural
  curvilinear shadow. work in progress,
  Yoshimura H; Hatakeyama M; Otsuji H;
  Maeda M; Ohishi H; Uchida H; Kasuga H;
  Katada H; Narita N; Mikami R, Konishi Y,
  (Radiology), 158: 655, 1986
  radiation fibrosis mimicking local recurrence
  in small cell carcinoma of the bronchus,
  Lever AML; Henderson D: Ellis DA; et al,
  (Radiology) 153: 266, 1984
- (Radiology), 153: 266, 1984
- radiologic findings in farmer's lung: prognosis and correlation to lung function, Monkare S; Ikonen M; Haahtela T, (Radiology), 157: 278,

# Lung, fluid

- \*\*Chest radiographs in congestive heart failure: response to therapy in acute and chronic heart disease, Slutsky RA; Brown JJ, (Radiology), 154: 577, 1985
- clinical studies of measuring extravascular lung water by the thermal dye technique in critically ill patients, Sibbald WJ; Warshawski FJ; Short AK; et al, (Radiology), 150: 611, 1984
- effect of pulmonary edema on proton nuclear
- effect of pulmonary edema on proton nuclear magnetic resonance relaxation times, Skalina S; Kundel HL; Wolf G; et al, (Radiology), 152: 261, 1984 evaluation of the portable chest roentgenogram for quantitating extravascular lung water in critically ill adults, Halperin BD; Feeley TW; Mihm FG; et al, (Radiology), 159: 820, 1986
- \*extravascular lung water: effects of intravenous ionic and non-ionic (iopamidol) contrast media during ischemia, Slutsky RA; Strich G, (Radiology), 155: 11, 1985
- Strict G, (Radiology), 193-11, 1959
  extravascular lung water: effects of using
  ionic contrast media at varying levels of left
  atrial pressure and during myocardial
  ischemia, Slutsky RA, Brown JJ; Strich G,
  (Radiology), 152: 575, 1984
- \*\*Cextravascular lung water in patients with mitral stenosis: relationship to pulmonary capillary wedge pressure and Kerley B lines, Slutsky RA; Olson LK; Costello D; Brown JJ, (Radiology), 153: 317, 1984
- high-altitude pulmonary edema with absent right pulmonary artery, Rios B; Driscoll DJ; McNamara DG, (Radiology), 157: 281, 1985
- hydrostatic pulmonary edema. an analysis of lung density changes by computed tomography, Hedlund LW; Vock P; Effmann EL; et al. (Radiology), 155: 284,
- measurement of total lung water from nuclear magnetic resonance images, MacLennan FM; Foster MA; Smith FW; et al, (Br J Radiol), **59**: 553, 1986
- neurogenic pulmonary edema, Colice GL; Matthay MA; Bass E; et al, (Radiology), 156: 261, 1985
- postoperative pulmonary edema in postcoronary artery bypass graft patients, Kancke KA; Assey ME; Kratz JM; et al, (Radiology), **152**: 549, 1984
- pulmonary complications in burn patients, Teixidor HS; Novick GS; Rubin E, (Radiology), 153: 265, 1984
- (Radiology), 135: 205, 1964 pulmonary edema: MR study of permeability and hydrostatic types in animals, Schmidt HC; Tsay D-G; Higgins CB, (Radiology), 158: 297, 1986
- radiographic recognition of chest tube malposition in the major fissure, Webb WR; LaBerge JM, (Radiology), 152: 839, 1984
- radiologic distinction of cardiogenic and noncardiogenic edema, Milne ENC; Pistolesi M; Miniati M; et al, (AJR), 144: 879,
- recognition of pleural effusion on supine radiographs: how much fluid is required?, Woodring JH, (AJR), 142: 59, 1984
- regional pulmonary distribution of iodine-125-labeled oleic acid: its relationship to the pattern of oleic acid edema and pulmonary blood flow, Tarver RD; Tsai J; Hedlund LW; et al, (Invest Radiol), 21: 102,

Lung, function

cinematic display of respiratory organ motion with impedance techniques, Heller SL; Scharf SC; Hardoff R; et al, (Radiology), 157: 575, 1985

radiologic findings in farmer's lung: prognosis and correlation to lung function, Monkare S; Ikonen M; Haahtela T, (Radiology), 157: 278,

regional lung function inpairment following post-operative radiotherapy for breast cancer using direct or tangential field techniques, Groth 5; Zaric A; Sorenson PB; et al, (Br J Radiol), 59: 445,

respiratory function tests after mantle irradiation in patients with Hodgkin's disease, Cionini L; Pacini P; De Paola E; et al, (Radiology), 157: 864, 1985

Lung, hemoptysis

See Lung, hemorrhage

Lung, hemorrhage

ung, nemorrnage
bronchial artery embolization in the
management of hemoptysis: technical
aspects and long-term results, Uflacker R;
Kaemmerer A; Picon PD; Rizzon CFC;
Neves CMC; Oliveira ESB; Oliveira MEM; Azevedo SNB; Ossanai R, (Radiology), 157: 637, 1985

broncholithiasis: its detection by computed tomography in patients with recurrent hemoptysis of unknown etiology, Shin MS; Ho K-J, (Radiology), **150**: 614, 1984

diffuse pulmonary hemorrhage: review and classification, Albelda SM; Gefter WB; Epstein DM; Miller WT, (Radiology), 154: 289, 1985

fatal hemoptysis resulting from erosion of a pulmonary artery in cavitary sarcoidosis, Edelman RR; Johnson TS; Jhaveri HS; et al, (AJR), 145: 37, 1985

intraaneurysmal embolization of a pulmonary artery aneurysm for control of hemoptysis, Davidoff AB; Udoff EJ; Schonfeld SA, (AJR), 142: 1019, 1984

massive hemoptysis: control by embolization of the thyrocervical trunk, Moore LB; McWey ŘE; Vujic I, (Radiology), **161**: 173,

massive hemoptysis of pulmonary arterial origin: diagnosis and treatment, Remy J; Lemaitre L; Lafitte JJ; et al, (AJR), 143: 963,

noninvasive diagnosis of pulmonary hemorrhage in rheumatoid arthritis, O'Brodovich H; Way C; Andrew M; et al, (Radiology), 152: 553, 1984

patients with hemoptysis examined by Tc-99m sulfur colloid and Tc-99m-labeled red blood surfur coloid and 1c-99m-fabeled red bit cells: a preliminary appraisal, Winzelberg GG; Wholey MH; Jarmolowski CA; Sachs M; Weinberg JH, (Radiology), 153: 523, 1984

pulmonary hemorrhage associated with systemic lupus erythematosus in children, Ramirez RE; Glasier C; Kirks D; Shackelford GD; Locey M, (Radiology), **152**: 409, 1984

radionuclide localization of massive pulmonary hemorrhage, Haponik EF; Rothfeld B; Britt EJ; et al, (Radiology), **155**:

role of fiberoptic bronchoscopy in patients with hemoptysis and a normal chest roentgenogram, Jackson CV; Savage PJ; Quinn DL, (Radiology), 156: 261, 1985

Lung, hypoplasia

causes of congenital unilateral pulmonary hypoplasia: study of 33 cases, Currarino G; Williams B, (Radiology), **156**: 273, 1985

primary (isolated) bilateral pulmonary hypoplasia: a comparative study of radiologic findings and autopsy results, Langer R; Kaufmann HJ, (Pediatr Radiol), 16: 175, 1986

pulmonary sequestration associated with unilateral pulmonary hypoplasia and massive pleural effusion, Lucaya J; Garcia-Conesa A; Bernado L, (Radiology), 153: 850,

Lung, infarction

middle lobe torsion following right upper lobectomy, Pinstein ML; Winer-Muram H; Eastridge C; Scott RL, (Radiology), 155: 580,

radiology of aseptic cavitation in pulmonary infarction, Wilson AG; Joseph AEA; Butland RJA, (Clin Radiol), 37: 327, 1986

Lung, infection

adenovirus associated with congenital pleural effusion, Meyer K; Girgis N; McGravey V, (Radiology), 158: 863, 1986

(Radiology), 186: 805, 1986 association of achalasia and pulmonary mycobacterium fortuitum infection, Aronchick JM; Miller WT; Epstein DM; Gefter WB, (Radiology), 160: 85, 1986

Bartlett JG; O'Keefe P; Tally FP; et al, (Radiology), 161: 283, 1986

bronchiolitis obliterans, McLoud TC; Epler GR; Colby TV; Gaensler EA; Carrington CB, (Radiology), 159: 1, 1986

chest in legionella pneumonia (Legionnaires' disease), Meenhorst PL; Mulder JD, (Radiology), **151**: 543, 1984

chest radiographic-pathologic correlation in adult leukemia patients, Maile CW; Moore AV Jr; Ulreich S; et al, (Radiology), 152: 249, 1984

chlamydia trachomatis as a cause of pneumonitis and pleural effusion, Stutman HR, Rettig PJ; Reyes S, (Radiology), 154, 274, 1085 154: 274, 1985

chlamydia trachomatis pneumonia in adults: radiographic appearance, Edelman RR; Hann LE; Simon M, (Radiology), **152**: 279,

computed tomography in lipoid pneumonia, Joshi RR; Cholankeril JV, (JCAT), 9: 211, 1985

computed tomography in the evaluation of dirofilaria immitis granuloma of the lung, Cholankeril JV; Napolitano J; Ketyer S; et al, (Radiology), 151: 830, 1984

(nationgy), 121: 530, 1490.

correlation between gallium lung scans and fiberoptic bronchoscopy in patients with suspected pneumocystis carinii pneumonia and the acquired immune deficiency syndrome, Coleman DL; Hattner RS;
Luce JM; et al, (Radiology), 156: 284, 1985.

CT of solitary cavitary infiltrates, Gross BH; Glazer GM; Wimbish KJ, (Semin Roentgenol), 19: 236, 1984

CT of solitary pulmonary vascular lesions, Webb RW, (Semin Roentgenol), 19: 189,

diagnostic value of lung uptake of indium-111 oxine-labeled white blood cells, Segall GM; McDougall IR, (AJR), 147: 601, 1986

early chest radiographic changes of pneumocystis pneumonia, Gedroyc WMW; Reidy JF, (Radiology), **157**: 563, 1985 endogenous Cushing's syndrome complicated by pneumocystis carinii pneumonia, Fulkerson WJ; Newman JH, (Radiology), 152: 249, 1984

expanding spectrum of pulmonary disease caused by nontuberculous mycobacteria, Albelda SM; Kern JA; Marinelli DL; Miller WT, (Radiology), 157: 289, 1985

expanding spectrum of pulmonary disease caused by nontuberculous mycobacteria, Rubinstein I, (Radiology), 159: 815, 1986

hemophilus influenzae pneumonia in the adult. radiographic appearance with clinical correlation, Pearlberg JL: Haggar AM; Saravolatz L; Beute CH; Popovich J, (Padislose), 151, 23, 29, 4 (Radiology), 151: 23, 1984

(Nationogy), 131: 23, 1704 hypertrophic osteoarthropathy in a young child with cytomegalovirus pneumonia and the bare lymphocyte syndrome, Taets van Amerongen AHM; Golding RP; Veerman AJP, (Pediatr Radiol), 16: 257, 1986

immotile cilia syndrome: radiological manifestations, Nadel HR; Stringer DA; Levison H; Turner JAP; Sturgess JM, (Radiology), 154: 651, 1985

In-111 labeled leukocytes: review of problems in image interpretation, McAfee JG; Samin A, (Radiology), 155: 221, 1985

intrathoracic adenopathy: differential feature of AIDS and diffuse lymphadenopathy syndrome, Stern RG; Gamsu G; Golden JA; et al, (AJR), 142: 689, 1984

invasive pulmonary aspergillosis and acute leukemia, Gefter WB; Albelda SM; Talbot GH; Gerson SL; Cassileth PA; Miller WT, (Radiology), **157**: 605, 1985

invasive pulmonary aspergillosis: characteristic findings on CT, the CT halo sign, and the role of CT in early diagnosis, Kuhlman JE; Fishman EK; Siegelman SS, (Radiology), 157: 611, 1985

lobar collapse iwth respiratory syncytial virus pneumonitis, Quinn SF; Erickson S; Oshman D; et al, (Radiology), **157**: 569, 1985

lymphocytic interstitial pneumonia associated with the acquired immune deficiency syndrome, Grieco MH; Chinoy-Acharya P, (Radiology), 157: 563, 1985

mycoplasma pneumonia: presentation as a mediastinal mass, Demos TC; Studlo JD; Puczynski M, (AJR), 143: 981, 1984

ruczynski M, (AJR), 143: 981, 1984 neonatal herpes simplex pneumonia: radiographic findings, Dominguez R; Rivero H; Gaisie G; Talmachoff P; Amortegui A; Young LW, (Radiology), 153: 395, 1984

nocardiosis of the lung: chest radiographic findings in 21 cases, Feigin DS, (Radiology), 159: 9, 1986

159: 9, 1986

nontuberculous mycobacterial infection in AIDS: clinical, pathologic, and radiographic features, Marinelli DL; Albelda SM; Williams TM; Kern JA; Iozzo RV; Miller WT, (Radiology), 160: 77, 1986

opportunistic lung infection caused by rhodococcus (corunbacterium) equi, MacGregor JH; Samuelson WM; Sane DC; Godwin JD, (Radiology), 160: 83, 1986

paracoccidioidomycosis in the immunosuppressed host, report of a case and review of the literature, Sugar AM; Restrepo A; Stevens DA, (Radiology), 153: 265, 1984

paragonimiasis in Indochinese refugees.

paragonimiasis in Indochinese refugees. roentgenographic findings with clinical correlations, Johnson RJ; Johnson JR, (Radiology), 151: 543, 1984

patient for diagnosis: chronic and fluctuating pneumonia, Gregoire P; Chalaoui J; Boldue P; et al, (Radiology), 151: 257, 1984 pneumocystis carinii pneumonia presenting as a single pulmonary nodule, Bier S; Halton K; Krivisky B; et al, (Pediatr Radiol), 16: 59 1985.

16: 59, 1986

neimocystis carinii pneumonia radiographically simulating tuberculosis, Milligan SA; Stubaerg MS; Gamsu G; et al, (Radiology), 159: 570, 1986 pneumocystis carinii pneumonia studied by

pneumocystis carinii pneumonia studied by gallium-67 scanning, Barron TF;
Birnbaum NS; Shane LB; Goldsmith SJ;
Rosen MJ, (Radiology), 154: 791, 1985
pneumocystis pneumonia: importance of gallium scan for early diagnosis and description of a new immunoperoxidase technique to demonstrate pneumocystis carinii, Levin M; McLeod R; Young Q; et al, (Radiology), 153: 281, 1984

(Radiology), 153, 261, 1704 pneumonia caused by Pittsburgh pneumonia agent: radiologic manifestations, Muder RR; Reddy SC; Yu VL; Kroboth FJ, (Radiology), 150: 633, 1984

150: 633, 1984
pneumonia in bone marrow transplant
patients, Wise RH Jr; Shin MS;
Gockerman JP; et al, (AJR), 143: 707, 1984
pulmonary cavitations in Mycobacterium
kansasii: distinctions from M. tuberculosis,
Zvetina JR; Demos TC; Maliwan N; et al,
(AJR), 143: 127, 1984
pulmonary manifestations of AIDS: review of
106 episodes, Suster B; Akerman M;
Orenstein M; Wax MR, (Radiology), 161: 87,
1986.

pulmonary uptake in indium-111 leukocyte imaging: clinical significance in patients with suspected occult infections, Cook PS; Datz FL; Disbro MA; Alazraki NP; Taylor AT, (Radiology), 150: 557, 1984

radiographic features of epidemic and sporadic Q-fever pneumonia, Gordon JD; MacKeen AD; Marrie TJ; et al, (Radiology), 156: 262, 1985

radiographic findings in neonatal pneumonia, Haney PJ; Bohlman ME; Sun C-CJ, (AJR), 143: 23, 1984

reentgenographic and clinical staging of allergic bronchopulmonary aspergillosis, Mendelson EB; Fisher MR; Mintzer RA; et al, (Radiology), 157: 278, 1985

thickening of the posterior wall of the bronchus intermedius in right lung pneumonia, Martinez LO; Esserman L, (Radiology), 156: 561, 1985

use of linear tomography to confirm the diagnosis of allergic bronchopulmonary aspergillosis, Fisher MR; Mendelson EB; Mintzer RA; et al, (Radiology), 157: 278,

utility of gallium-67 scintigraphy and bronchial washings in the diagnosis and treatment of *Pneumocystis carinii* pneumonia in patients with the acquired immune deficiency syndrome, Tuazon CU; Delaney MD; Simon GL; et al, (Radiology), 159: 569, 1986

viral vs. bacterial pulmonary infections in children (is roentgenographic differentiation possible?), Swischuk LE; Hayden CK Jr. (Pediatr Radiol), **16**: 278, 1986

Lung, injuries

emonstration of pulmonary barotrauma on lung imaging, Szasz IJ; Lepawsky M, (Clin Nucl Med), 11: 371, 1986

pulmonary complications in burn patients, Teixidor HS; Novick GS; Rubin E, (Radiology), **153**: 265, 1984

Lung, lavage

bronchopulmonary lavage in pulmonary alveolar proteinosis: chest radiograph observations, Gale ME; Karlinsky JB; Robins AG, (AJR), 146: 981, 1986

Lung, MR studies

bronchogenic carcinoma: staging with MR compared with staging with CT and surgery, Webb WR; Jensen BG; Sollitto R; de Geer G; McCowin M; Gamsu G; Moore EH, (Radiology), 156: 117, 1985

(Radiology), 156: 117, 1985 carcinomatous involvement of the hilum and mediastinum: computed tomographic and magnetic resonance evaluation, Heelan RT; Martini N; Westcott JL; Bains MS; Watson RC; Caravelli JF; Berkman YM; Henschke CI; McCormack PM; McCaughan BC; Zaman MB, (Radiology), 156: 111, 1985

differentiation of parenchymal lung disorders with in vitro proton nuclear magnetic resonance, Vinitski S; Pearson MG; Karlik S); et al, (Magn Res Med), 3: 120, 1986

differentiation of radiation fibrosis from recurrent pulmonary neoplasm by magnetic resonance imaging, Glazer HS; Levitt RG; Lee JKT; et al. (AJR), 143: 729, 1984

effect of pulmonary edema on proton nuclear magnetic resonance relaxation times. Skalina S; Kundel HL; Wolf G; et al, (Radiology), **152**: 261, 1984

experimental pulmonary emboli detected using magnetic resonance, Gamsu G; Hirji M; Moore EH; Webb WR; Brito AC, (Radiology), 153: 467, 1984

magnetic resonance imaging in cystic fibrosis, Gooding CA; Lallemand DP; Brasch RC; et al, (Radiology), 155: 556, 1985

magnetic resonance of the pulmonary parenchyma: initial experience at 0.6 tesla, O'Donovan PB; Ross JS, (Cardiovasc Intervent Radiol), 8: 300, 1986

measurement of total lung water from nuclear magnetic resonance images, MacLennan FM; Foster M., Smith FW; et al, (Br J Radiol), 59: 553, 1986

MR evaluation of pulmonary interstitial and intravascular fluids, Podgorski GT; Carroll FE; Parker RE, (Invest Radiol), 21:

MR imaging of the lung using liquid perfluorocarbons, Thomas SR; Clark LC Jr; Ackerman JL; et al, (JCAT), 10: 1, 1986

MRI of pulmonary airspace disease: experimental model and preliminary clinical results, Moore EH; Webb WR; Muller N; et al. (AJR), 146: 1123, 1986

NMR imaging of fluorine-containing substances. <sup>19</sup>fluor ventilation and perfusion studies, Rinck PA; Petersen SB; Lauterbur PC, (Radiology), **152**: 859, 1984

primary lung cancer staging: prospective comparative study of MR imaging with CT, Musset D; Greniter P; Carette MF; Frija G; Hauuy MP; Desbleds MT; Girard P; Bigot JM; Lallemand D, (Radiology), 160: 607, 1986

pulmonary edema: MR study of permeability and hydrostatic types in animals, Schmidt HC; Tsay D-G; Higgins CB, (Radiology), **158**: 297, 1986

pulmonary nodules: detection using magnetic resonance and computed tomography, Muller NL; Gamsu G; Webb WR, (Radiology), **155**: 687, 1985

Lung, perfusion

concise clinical study. patterns of pulmonary scans in normal subjects. III. the prevalence of abnormal scans in nonsmokers 30 to 49 years of age, Fedullo PF; Moser KM; Hartman MT; et al, (Radiology), 153: 281,

diagnostic value of ventilation-perfusion lung scanning in patients with suspected pulmonary embolism, Hull RD; Hirsh J; Carter CJ; et al, (Radiology), 159: 820, 1986

idiopathic pulmonary fibrosis: another cause of ventilation/perfusion mismatch, Eary JF; Fisher MC; Cerqueira MD, (Clin Nucl Med), 11: 396, 1986

indeterminate lung imaging: can the number be reduced?, Davis RB; Schauwecker DS; Siddiqui AR; et al, (Clin Nucl Med), 11: 577,

lung scan perfusion defects limited to matching pleural effusions: low probability of pulmonary embolism, Bedont RA; Datz FL, (AJR), 145: 1155, 1985

mucous plugging simulating pulmonary embolism in patients with quadriplegia, Dee PM; Suratt PM; Bray ST; et al, (Radiology), 153: 559, 1984

pleural effusion causing unmatched ventilation defects in ventilation and perfusion scanning, Goddard P; Henson J; Davies ER, (Clin Radiol), 37: 285, 1986

regional lung perfusion and ventilation with radioisotopes in cervical cord-injured patients, Hiraizumi Y; Fujimaki E; Hishida T; et al, (Clin Nucl Med), 11: 352,

reversibility of intrapulmonary arteriovenous shunts in liver cirrhosis documented by serial radionuclide perfusion lung scans, Chen NS; Barnett CA; Farrer PA, (Radiology), 154: 861, 1985

significance of single ventilation/perfusion mismatches in krypton-81m/technetium-99m lung scintigraphy, Rosen JM; Palestro CJ; Markowitz D; et al, (J Nucl Med), 27: 361, 1986

stripe sign in pulmonary perfusion scintigraphy: central pattern of pulmonary emphysema. work in progress, Murata K; Itoh H; Senda M; Noma S; Todo G; Yonekura Y; Nishimura K; Izumi T; Qahima S; Torizuka K, (Radiology), 160: 337,

ventilation-perfusion scintigraphy in suspected pulmonary embolism: correlation with pulmonary angiography and refinement of criteria for interpretation, Spies WG; Burstein SP; Dillehay GL; Vogelzang RL; Spies SM, (Radiology), 159: 383, 1986

Lung, radiography

air in the minor fissure: sign of right-sided pneumothorax, Spizarny DL; Goodman LR, (Radiology), **160**: 329, 1986

cigarette, smoke, asbestos, and small irregular opacities, Weiss W, (Radiology), 155: 269, 1985

computerized search of chest radiographs for nodules, Lampeter WA; Wandtke JC, (Invest Radiol), 21: 384, 1986

design, dynamic, and deduction: a radiologist looks at the human lung, Trapnell DH, (Radiology), 152: 549, 1984

(Radiology), 152: 549, 1982 diffuse pulmonary opacification in infants undergoing extracorporeal membrane oxygenation: clinical and pathologic correlation, Taylor GX; Lotze 4, Kapur S; Short BL, (Radiology), 161: 347, 1986 early chest radiographic changes of pneumocystis pneumonia, Gedroyc WMW; Reidy JF, (Radiology), 157: 563, 1985

evaluation of the portable chest roentgenogram for quantitating extravascular lung water in critically ill adults, Halperin BD; Feeley TW; Mihm FG; et al, (Radiology), 159: 820, 1986

follow-up chest radiographs in Vietnam veterans: are they useful?, Pollei S; Mettler FA Jr; Kelsey CA; Walters MR; White RE, (Radiology), **161**: 101, 1986

interstitial lung disease: the role of the radiologist, Kerr IH, (Radiology), **152**: 250, 1984

lung: radiologic-pathologic correlations. 2d ed., Heitzman ER, Reviewed by Wandtke JC, (Radiology), **153**: 594, 1984

morphology of oleic acid-induced lung injury, Hedlund LW; Vock P; Effmann EL; et al, (Radiology), 157: 848, 1985

nocardiosis of the lung: chest radiographic findings in 21 cases, Feigin DS, (Radiology), 159: 9, 1986

peripheral pulmonary infiltrates in sarcoidosis, Glazer HS; Levitt RG; Shackelford GG, (Radiology), 185: 847, 1985

snackeirord Gt., (Kadiology), 155: 847, 1985 pleuropulmonary radiographic abnormalities in rheumatoid arthritis: clinical, epidemiological and laboratory correlation, Rothschild BM; Scott RL; Pinstein ML; et al, (Radiology), 155: 269, 1985

pulmonary manifestations of AIDS: review of 106 episodes, Suster B; Akerman M; Orenstein M; Wax MR, (Radiology), **161**: 87,

traction bronchiectasis in end-stage pulmonary fibrosis, Westcott JL; Cole SR, (Radiology), **161**: 665, 1986

usefulness of screening chest roentgenograms in preoperative patients, Rucker L; Frye EB; Staten MA, (Radiology), 151: 817, 1984

Lung, radionuclide studies

abnormal lung and liver uptake of gallium-67 and technetium-99m MDP in hypercalcemia of lymphoma with metastatic pulmonary calcification, Sullivan WT; Orzel JA; Reed KD; et al, (Clin Nucl Med), 11: 545,

abnormal ventilation scans in middle-aged smokers. comparison with tests of overall lung function, Barter SJ; Cunningham DA; Lavender JP; et al, (Radiology), 157: 848,

appearance of lung scan in venae cavae occlusion, Edeburn GF; Kozlowski JF; Tumeh SS, (AJR), 145: 273, 1985

assessing the activity of sarcoidosis: quantitative <sup>67</sup>Ga-citrate imaging, Fajman WA; Greenwald LV; Staton G; et al, (AJR), 142: 683, 1984

case of the season, Milton T, (Semin Roentgenol), 20: 5, 1985

cinematic display of respiratory organ motion with impedance techniques, Heller SL; Scharf SC; Hardoff R; et al., (Radiology), 157: 575, 1985

computer-assisted versus visual lung gallium-67 index in normal subjects and in patients with interstitial lung disorders, Wesselius JJ; Witztum KF; Taylor AT; et al, (Radiology), 152: 868, 1984

computer-based quantitative analysis of gallium-67 uptake in normal and diseased lungs, Bisson G; Drapeau G; Lamoureux G; et al. (Radiology), 152: 565,

concise clinical study. patterns of pulmonary scans in normal subjects. III. the prevalence of abnormal scans in nonsmokers 30 to 49 years of age, Fedullo PF; Moser KM; Hartman MT; et al, (Radiology), 153: 281,

correlation between gallium lung scans and fiberoptic bronchoscopy in patients with suspected pneumocystis carinii pneumonia and the acquired immune deficiency syndrome, Coleman DL; Hattner RS; Luce JM; et al., (Radiology), 156: 284, 1985

demonstration of pulmonary barotrauma on lung imaging, Szasz IJ; Lepawsky M, (Clin Nucl Med), 11: 371, 1986

exclusion of pneumothorax by radionuclide lung scan, Weiss PE, (Clin Nucl Med), 11: 303, 1986

exercise inceases the lung clearance of inhaled technetium-99m DTPA, Meignan M; Rosso J; Leveau J; et al, (J Nucl Med), 27: 274, 1986

Ga-67 uptake in the lung in sarcoidosis, Johnson DG; Johnson SM; Harris CC; Piantadosi CA; Blinder RA; Coleman RE, (Radiology), **150**: 551, 1984

gallium-67 lung uptake: conjugate-view technique, Grossman LW; Fernandez-Ulloa M; Lukes SJ; Mantil J, (Radiology), 157: 789, 1985

gallium-67 scintigraphy, bronchoalveolar lavage, and pathologic changes in patients with pulmonary sarcoidosis, Abe S; Munakata M; Nishimura M; et al, (Radiology), 154: 283, 1985

(Matthology, 1942, 295, 1962, 295), and asbestos exposed sheep: early association with enhanced macrophage-derived fibronectin accumulation, Begin R; Bisson G; Lambert R; et al, (] Nucl Med), 27: 538, 1986

gallium scintigraphy in the detection of amiodarone lung toxicity, Moinuddin M; Rockett J, (AJR), 147: 607, 1986

1-131 macro-aggregated albumin perfusion scanning and chest radiography in asbestos exposure, Sluis-Cremer GK; Thomas RG; Wright VMF, (Radiology), 155: 862, 1985

interstitial lung diseases of unknown cause disorders characterized by chronic inflammation of the lower respiratory tract. (first of two parts), Crystal RG; Bitterman PB; Rennard SI; et al., (Radiology),

# Lung, radionuclide studies

- Kr-81m gas and <sup>99m</sup>Tc-MAA V/Q ratio images for detection of V/Q mismatches, Kramer EL; Sanger JJ, (Radiology), **155**: 557,
- Kr-81m ventilation imaging: clinical utility in suspected pulmonary embolism, Rosen JM; Biello DR; Siegel BA; Seldin DW; Alderson PO, (Radiology), 154: 787, 1985
- "low-probability" ventilation-perfusion scintigrams: clinical outcomes in 99 patients, Lee ME; Biello DR; Kumar B; Siegel BA, (Radiology), **156**: 497, 1985
- lung ventilation studies with technetium-99m pseudogas, Burch WM; Sullivan PJ; Lomas FE; et al, (J Nucl Med), **27**: 842, 1986
- negative lung thallium—201 uptake in right ventricular infarction, Benjelloun H; Itti R; Lorgeron JM; et al. (Radiology), 153: 281, 1984
- pectus excavatum in children: pulmonary scintigraphy before and after corrective surgery, Blickman JG; Rosen PR; Welch KJ; Papanicolaou N; Treves ST, (Radiology), **156**: 781, 1985
- pneumocystis carinii pneumonia studied by gallium-67 scanning, Barron TF; Birnbaum NS; Shane LB; Goldsmith SJ; Rosen MJ, (Radiology), **154**: 791, 1985
- pneumocystis pneumonia: importance of gallium scan for early diagnosis and description of a new immunoperoxidase technique to demonstrate pneumocystis carinii, Levin M; McLeod R; Young Q; et al, (Radiology), 153: 281, 1984
- postperfusion xenon-133 ventilation scintigraphy with a narrow window, Stein MG; Waxman AD; Ramanna L; et al, (AJR), 145: 511, 1985
- pulmonary uptake in indium-111 leukocyte imaging: clinical significance in patients with suspected occult infections, Cook PS; Datz FL; Disbro MA; Alazraki NP; Taylor AT, (Radiology), 150: 557, 1984
- quantitation of right-to-left shunt ratio in patients with pulmonary teleangiectasia by technetium-99m MAA lung perfusion imaging, Suzuki Y, (Clin Nucl Med), 11: 84,
- radionuclide angiographic demonstration of systemic lung arterialization with arteriovenous fistulas, Brendel AJ; Colle JP; Barat J-L; et al, (Radiology), **151**: 276, 1984
- radionuclide localization of massive pulmonary hemorrhage, Haponik EF; Rothfeld B; Britt EJ; et al, (Radiology), 155:
- reversibility of intrapulmonary arteriovenous shunts in liver cirrhosis documented by serial radionuclide perfusion lung scans, Chen NS; Barnett CA; Farrer PA, (Radiology), 154: 861, 1985
- role of chest radiography in predicting the extent of airway disease in patients with suspected pulmonary embolism, Smith R; Ellis K; Alderson PO, (Radiology), **159**: 391,
- significance of single ventilation/perfusion mismatches in krypton-81m/technetium-99m lung scintigraphy, Rosen JM; Palestro CJ; Markowitz D; et al, (J Nucl Med), 27: 361, 1986
- simple separator to generate half micron aqueous particles for lung imaging, Royston D; Minty BD; Houston A; et al, (Radiology), **154**: 284, 1985
- single photon emission tomography of lungs imaged with <sup>99m</sup>Tc-labeled aerosol, Logus JW; Trajan M; Hooper HR; et al, (Radiology), **155**: 286, 1985
- stripe sign in pulmonary perfusion scintigraphy: central pattern of pulmonary emphysema. work in progress, Murata K; Itoh H; Senda M; Noma S; Todo G; Yonekura Y; Nishimura K; Izumi T; Oshima S; Torizuka K, (Radiology), 160: 337,
- Tc-99m-DTPA aerosol and radioactive gases c-99m-D1FA aerosol and radioactive gases compared as adjuncts to perfusion scintigraphy in patients with suspected pulmonary embolism, Alderson PC; Biello DR; Gottschalk A; Hoffer PB; Kroop SA; Lee ME; Ramanna L; Siegel BA; Waxman AD, (Radiology), 133: 515, 1984

- technetium-99m 'pseudogas' for diagnostic studies in the lung, Burch WM; Tetley IJ; Gras JL, (Radiology), **154**: 570, 1985
- uptake of Tc-99m MAA by the liver during a thromboscintigram/lung scan, Marcus CS; Parker LS; Rose JG; et al, (Radiology), **150**: 302, 1984
- utilization of lung scans by clinicians, Frankel N; Coleman RE; Pryor DB; et al, (J Nucl Med), **27**: 366, 1986
- value of gallium-67 scanning in pulmonary tuberculosis, Walsh TJ; Bekerman C; Chausow A; et al, (Radiology), **158**: 857, 1986
- ventilation imaging with positron emission tomography and nitrogen 13, Murata K; Itoh H; Senda M; Todo G; Yonekura Y; Torizuka K, (Radiology), 158: 303, 1986
- ventilation perfusion ratios of the normal supine lung using emission tomography, Lavender JP; Al-Nahhas AM; Myers MJ, (Radiology), **153**: 574, 1984
- ventilation-perfusion scanning and pulmonary angiography: correlation in clinical high-probability pulmonary embolism, Braun SD; Newman GE; Ford KK; et al, (AJR), 143: 977, 1984
- ventilation-perfusion scanning of pulmonary embolism: refinement of predictive value through Bayesian analysis, Vea HW; Sirotta PS; Nelp WB, (AJR), 145: 967, 1985
- sirotta r's; Neip WB, (AJR), 145: 967, 1985 ventilation-perfusion scintigraphy in suspected pulmonary embolism: correlation with pulmonary angiography and refinement of criteria for interpretation, Spies WG; Burstein SP; Dillehay GL; Vogelzang RL; Spies SM, (Radiology), 159: 383, 1986

### Lung, sequestration

See Lung, abnormalities

### Lung, surgery

- CT evaluation of empyema in the postpneumonectomy space, Heater K; Revzani L; Rubin JM, (AJR), 145: 39, 1985
- mediastinal position and air-fluid height after pneumonectomy: effect of the respiratory cycle, Wechsler RJ; Goodman LR, (AJR), 145: 1173, 1985
- right-pneumonectomy syndrome: radiologic findings and CT correlation, Shepard J-AO; Grillo HC; McLoud TC; Dedrick CG; Spizarny DL, (Radiology), 161: 661, 1986

### Lung, therapeutic radiology

postoperative whole lung irradiation with or without adriamycin in osteogenic sarcoma, Zaharia M; Caceres E; Valdivia S; et al., (Int J Radiat Oncol Biol Phys), 12: 907, 1986

# Lung, thrombosis

- computerized tomography in chronic thromboembolic pulmonary hypertension, Kereiakes DJ; Herfkens RJ; Brundage BH; et al, (Radiology), 152: 860,
- differentiation of patients with primary and thromboembolic pulmonary hypertension, D'Alonzo GE; Bower JS: Dantzker DR, (Radiology), **153**: 845, 1º84
- intracavitary thrombi in the right heart associated with multiple pulmonary emboli, Ouyang P; Camara Ej; Jain A; et al, (Radiology), 152: 562, 1984

### Lung, tomography

- chest x-rays and full lung tomograms in gynecologic malignancy, Gordon RE; Mettler FA Jr; Wicks JD; et al, (Radiology), 151: 544, 1984
- oblique hilar tomography, computed tomography, and mediastinoscopy for prethoracotomy staging of bronchogenic carcinoma, Khan A; Gersten KC; Garvey J; Khan FA, (Radiology), 156: 295, 1985
- pulmonary nodules: detection of calcification by linear and pluridirectional movement in tomographic study, Chasen MH; McCarthy MJ, (Radiology), 156: 589, 1985
- use of linear tomography to confirm the diagnosis of a'lergic bronchopulmonary aspergillosis, Fisher MR; Mendelson EB; Mintzer RA; et al, (Radiology), 157: 278,

# Lung, transplantation

heart-lung transplantation: postoperative chest radiograph, Chiles C; Guthaner DF; Jamieson SW; Stinson EB; Oyer PE; Silverman JF, (Radiology), 154: 299, 1985

Lung, US studies

- differentiation of pulmonary parenchymal consolidation from pleural disease using the sonographic fluid bronchogram, Dorne HL, (Radiology), 158: 41, 1986
- fetal lung development: compressibilty as a measure of maturity, Birnholz JC; Farrell EE, (Radiology), 157: 495, 1985
- (Radiology), 157: 495, 1996 ultrasound properties of lung tissue and their measurements, Pedersen PC; Ozcan HS, (Ultrasound Med Biol), 12: 483, 1986 water-path ultrasound of chest disease in childhood, Miller JH; Reid BS; Kemberling CR, (Radiology), 152: 401, 1984
- Lung, ventilation
- ng, ventilation lerosol penetration ratio: new index of ventilation, Sirr SA; Elliott GR; Regelmann WE; et al, (J Nucl Med), 27: 1343, 1986
- diagnostic value of ventilation-perfusion lung scanning in patients with suspected pulmonary embolism, Hull RD; Hirsh J; Carter CJ; et al, (Radiology), 159: 820, 1986
- idiopathic pulmonary fibrosis: another cause of ventilation/perfusion mismatch, Eary JF; Fisher MC; Cerqueira MD, (Clin Nucl Med), 11: 396, 1986
- indeterminate lung imaging: can the number be reduced?, Davis RB; Schauwecker DS; Siddiqui AR; et al, (Clin Nucl Med), 11: 577,
- lung ventilation studies with technetium-99m pseudogas, Burch WM; Sullivan PJ; Lomas FE; et al, (J Nucl Med), 27: 842, 1986
- measurement of lung gas volume and regional density by computed tomography in dogs, Wandike JC; Hyde RW; Fahey PJ; et al, (Invest Radiol), 21: 108, 1986
- pleural effusion causing unmatched ventilation defects in ventilation and perfusion scanning, Goddard P; Henson J; Davies ER, (Clin Radiol), 37: 285, 1986
- regional lung perfusion and ventilation with radioisotopes in cervical cord-injured patients, Hiraizumi Y; Fujimaki E; Hishida T; et al, (Clin Nucl Med), 11: 352,
- significance of single ventilation/perfusion mismatches in krypton-81m/technetium-99m lung scintigraphy, Rosen JM; Palestro CJ; Markowitz D; et al, (J Nucl Med), 27: 361, 1986
- Med), 27: 361, 1986

  Tc-99m-DTPA aerosol and radioactive gases compared as adjuncts to perfusion scintigraphy in patients with suspected pulmonary embolism, Alderson PO; Biello DR; Gottschalk A; Hoffer PB; Kroop SA; Lee ME; Ramanna L; Siegel BA; Waxman AD, (Radiology), 153: 515, 1984 ventilation imaging with positron emission tomography and nitrogen 13, Murata K; Itoh H; Senda M; Todo G; Yonekura Y; Torizuka K, (Radiology), 158: 303, 1986 ventilation perfusion ratios of the normal supine lung using emission tomography.
- supine lung using emission tomography, Lavender JP; Al-Nahhas AM; Myers MJ, (Radiology), **153**: 574, 1984
- (Radiology), 153: 5/4, 1984 ventilation-perfusion scintigraphy in suspected pulmonary embolism: correlation with pulmonary angiography and refinement of criteria for interpretation, Spies WG; Burstein SP; Dillehay GL; Vogelzang RL; Spies SM, (Radiology), 159: 383, 1986

## Lung, volume

See Lung, ventilation

## Lung neoplasms

- atypical carcinoid of the lung: radiographic features, Choplin RH; Kawamoto EH; Dyer RB; et al, (AJR), **146**: 665, 1986 bilateral bronchial carcinoma, Lundgren R, (Radiology), 153: 845, 1984
- biokinetic impacts on structure and imaging of the lung: concept of biologically closed electric circuits, Nordenstrom BEW, (AJR), 145: 447, 1985
- 143: 447, 1965
  calcification in pulmonary nodules: detection with dual-energy digital radiography, Fraser RG, Hickey NM, Niklason LT: Sabbagh EA; Luna RF; Alexander CB; Robinson CA; Katzenstein A-LA; Barnes GT, (Radiology), 160: 595, 1986
- carcinomatous involvement of the hilum and recinomatous involvement of the fulum and mediastinum: computed tomographic and magnetic resonance evaluation, Heelan RT; Martini N; Westcott JL; Bains MS; Watson RC; Caravelli JF; Berkman YM; Henschke Cl; McCormack PM; McCaughan BC; Zaman MB, (Radiology), 156: 111, 1985

- CT of localized lucent lung lesions, Putman CE; Godwin JD; Silverman PM; et al. (Semin Roentgenol). 19: 173, 1984
- CT of solitary cavitary infiltrates, Gross BH; Glazer GM; Wimbish KJ, (Semin Roentgenol), 19: 236, 1984
- CT of the pulmonary nodule: cooperative study, Zerhouni EA; Stitik FP; Siegelman SS; Naidich DP; Sagel SS; Proto AV; Muhm JR; Walsh JW; Martinez CR; Heelan RT; Brantly P; Bozeman RE; Disantis DJ; Ettenger N; McCauley D; Aughenbaugh GL; Brown LR; Miller WE; Litt AW; Leo FP; Fishman EK; Khouri NF, (Radiology), 160:
- electron microscopy in selection of patients with small cell carcinoma of the lung for medical versus surgical therapy, Iglehart JD; Wolfe WG; Vernon WB; et al, (Radiology),
- fine needle biopsy of solitary pulmonary metastases, Sinner WN, (Radiology), **154**: 553, 1985
- general case of the day: annual meeting, 1985, Muhm JR, (Radiographics), 6: 914, 1986
- germ cell tumors complicated by pneumothorax, Slasky BS; Deutsch M, (Radiology), 150: 853, 1984
- giant cell carcinoma of the lung: clinical and roentgenographic manifestations, Shin MS; Jackson LK; Shelton RW Jr; et al, (Radiology), 160: 856, 1986
- imaging of the pulmonary hilum: prospective comparative study in patients with lung cancer, Glazer GM; Gross BH; Aisen AM; et al, (AJR), 145: 245, 1985
- intrapulmonary lymph nodes: clinical, radiologic, and pathologic features, Kradin RL; Spirn PW; Mark EJ, (Radiology), 157: 278, 1985
- lung cancer and pregnancy, Stark P; Greene RE; Morgan G; et al, (Radiology), 156: 561, 1985
- lung cancer cell type as a determinant of bronchoscopy yield, Zisholtz BM; Eisenberg H, (Radiology), **152:** 249, 1984
- lung cancer. part I: etiology, pathology, natural history, manifestations, and diagnostic techniques, Filderman AE; Shaw C; Matthay RA, (Invest Radiol), 21: 80,
- mediastinal evaluation in lung cancer, Libshitz HI; McKenna RJ Jr; Haynie TP; McMurtrey MJ; Mountain CT, (Radiology), 151: 295, 1984
- multiple calcified chondrohamartomas of the lung: CT appearance, Bennett LL; Lesar MSL; Tellis CJ, (JCAT), 9: 180, 1985
- necrotizing sarcoid-like granulomatosis: radiologic-pathologic correlation, Fisher MR; Christ ML; Bernstein JR, (Radiology), 156: 261, 1985
- paratracheal lymphadenopathy: radiographic findings and correlation with CT, Muller NL; Webb WR; Gamsu G, (Radiology), 156: 761, 1985
- pleural and chest wall invasion in bronchogenic carcinoma: CT evaluation, Glazer HS; Duncan-Meyer J; Aronberg DJ; Moran JF; Levitt RG; Sagel SS, (Radiology), 157: 191, 1985
- precision cautery excision of pulmonary lesions, Cooper JD; Perelman M; Todd TRJ; et al, (Radiology), **160**: 572, 1986
- primary leiomyosarcoma of the lung in a girl, Beluffi G; Bertolotti P; Mietta A; et al, (Pediatr Radiol), 16: 240, 1986
- primary pulmonary Hodgkin's disease: clinicopathologic study of 15 cases, Yousem SA; Weiss LM; Colby TV, (Radiology), **160**: 857, 1986
- pulmonary hamartoma: CT findings, Siegelman SS; Khouri NF; Scott WW Jr; Leo FP; Hamper UM; Fishman EK; Zerhouni EA, (Radiology), 160: 313, 1986
- pulmonary hamartoma: diagnosis by transthoracic needle-aspiration biopsy, Hamper UM; Khouri NF; Stitik FP; Siegelman SS, (Radiology), 155: 15, 1985
- pulmonary manifestations of juvenile laryngotracheal papillomatosis, Kramer S Wehunt WD; Stocker JT; et al, (AJR), 144:

- pulmonary scar carcinoma, Bakris GL; Mulopulos GP; Korchik R; et al, (Radiology), 151: 544, 1984
- rapid pulmonary dissemination in mycosis fungoides simulating pneumonia. case report and review of the literature, Rubin DL; Blank N, (Radiology), **158**: 565,
- slow-growing lung cancer in a fixed population sample. radiologic assessments, Hayabuchi N; Russell WJ; Murakami J, (Radiology), 151: 543, 1984
- solitary unimonary nodules: CT assessment, Siegelman SS; Khouri NF; Leo FP; Fishman EK; Braverman RM; Zerhouni EA, (Radiology), 160: 307, 1986
- spontaneous pneumothorax: complication of lung cancer?, Steinhauslin CA; Cuttat JF, (Radiology), 159: 821, 1986
- $T_1N_0M_0$  bronchogenic carcinoma: assessment by CT, Pearlberg JL; Sandler MA; Beute GH; Madrazo BL, (Radiology), **157**: 187, 1985
- unusual radiologic presentations of bronchioloalveolar carcinoma, Huang D; Weisbrod GL; Chamberlain DW, (J Canad Assoc Radiol), 37: 94, 1986
- utility of CT in detecting postpneumonectomy carcinoma recurrence, Glazer H5; Aronberg DJ; Sagel SS; et al, (AJR), 142: 487, 1984
- value of roentgenologic screening in lung cancer, Huhti E; Saloheimo M; Sutinen S, (Radiology), **151**: 543, 1984

### Lung neoplasms, CT

- bronchogenic carcinoma: staging with MR compared with staging with CT and surgery, Webb WR; Jensen BG; Sollitto R; de Geer G; McCowin M; Gamsu G; Moore EH, (Radiology), 156: 117, 1985
- calcified adenocarcinoma of the lung with very high CT numbers, Goldstein MS; Rush M; Johnson P; Sprung CL, (Radiology), 150: 785, 1984
- comparison of computerized tomography with fiberoptic bronchoscopy in identifying endobronchial abnormalities in patients with known or suspected lung cancer, Colice GL; Chappel GJ; Frenchman SM; et al, (Radiology), 156: 853, 1985
- computed tomography for preoperative evaluations of lung cancer, Nakata H; Ishimaru H; Nakayama C; et al, (CT), 10: 147,
- computed tomography for staging bronchogenic carcinoma, Konig R; van Kaick G; Clorius JH; et al, (Radiology), 158: 565, 1986
- computed tomography of the solitary pulmonary nodule, Siegelman SS; Khouri NF; Scott WW; et al, (Semin Roentgenol), 19: 165, 1984
- computerized tomography in the diagnosis of lymphangioleiomyomatosis, Merchant RN; Pearson MG; Rankin AN; et al, (Radiology), 156: 569, 1985
- controversies in computed tomography of the thorax: pulmonary nodule—lung cancer staging, Zerhouni EA; Stitik FP, (Radiol Clin North Am), 23: 407, 1985
- CT evidence of calcification within a small cell carcinoma of the lung, Kyser PL; McComb BL; Bennett WF, (Comput Radiol),
- CT features of an unusual hypervascular lung carcinoma complicating chronic asbestosis related pleural disease, Coleman BG; Epstein DM; Arger PH; et al, (JCAT), 9: 554, 1985
- CT findings of lobar bronchioloalveolar carcinoma, Im J-G; Choi BI; Park JH; et al, (JCAT), 10: 320, 1986
- (ICAT), 10: 320, 1986
  CT of the pulmonary nodule: cooperative study, Zerhouni EA; Stitik FP; Siegelman SS; Naidich DP; Sagel SS; Proto AV; Muhm JR; Walsh JW; Martinez CR; Heelan RT; Brantly P; Bozeman RE; Disantis DJ; Ettenger N; McCaulev D; Aughenbaugh GL; Brown LR; Miller WE; Litt AW; Leo FP; Fishman EK; Khouri NF, (Radiology), 160: 319, 1986.
- incidence of pulmonary nodules detected by computed tomography in patients with bronchial carcinoma, Mitchell DM; ah SH; Edwards D; et al, (Clin Radiol), 37:
- multiple pulmonary nodules detected by computed tomography: diagnostic implications, Gross BH; Glazer GM; Bookstein FL, (JCAT), 9: 880, 1985

- pitfalls in CT evaluation of chest wall invasion by lung cancer, Shin MS; Anderson SD; Myers J; et al, (JCAT), 10: 136, 1986
- primary lung cancer staging: prospective comparative study of MR imaging with CT, Musset D; Grenier P; Carette MF; Frija G; Hauuy MP; Desbleds MT; Girard P; Bigot JM; Lallemand D, (Radiology), 160: 607, 1986
- pulmonary hamartoma: CT findings, Siegelman SS; Khouri NF; Scott WW Jr; Leo FP; Hamper UM; Fishman EK; Zerhouni EA, (Radiology), 160: 313, 1986
- pulmonary nodules studied by computed tomography, Proto AV; Thomas SR, (Radiology), 156: 149, 1985
- radiologic contributions to cancer management, Kagan AR; Steckel RJ, (AJR), 147: 473, 1986
- role of CT in staging radiographic T<sub>1</sub>N<sub>0</sub>M<sub>0</sub> lung cancer, Heavey LR; Glazer GM; Gross BH; et al, (AJR), **146**: 285, 1986
- solitary pulmonary nodule: role of CT, Sagel SS, (AJR), 147: 26, 1986
- solitary pulmonary nodules: CT assessment, Siegelman SS; Khouri NF; Leo FP; Fishman EK; Braverman RM; Zerhouni EA, (Radiology), 160: 307, 1986
- (Radiology), 1888 St. 1898 (Radiology), 1878 St. 1898 (Radiology), 187, 1887, 1985 (Radiology), 187, 187, 1985
- value of CT in the preoperative assessment of lung cancer: survey of thoracic surgeons, Epstein DM; Stephenson LW; Gefter WB; van der Voorde F; Aronchick JM; Miller WT, (Radiology), 161: 423, 1986

### Lung neoplasms, diagnosis

- bronchioloalveolar carcinoma: a review, Hill CA, (Radiology), 150: 15, 1984 bronchoalveolar cell carcinoma of the lung, Greco RJ; Steiner RM; Goldman S; et al, (Radiology), 161: 859, 1986
- calcification in pulmonary nodules: detection with dual-energy digital radiography, Fraser RG, Hickey NM, Niklason LT; Sabbagh EA; Luna RF; Alexander CB; Robinson CA; Katzenstein A-LA; Barnes GT, (Radiology), 160: 595, 1986
- carotid pseudoaneurysm simulating pancoast tumor, Rong SH, (AJR), 142: 495, 1984
- diagnostic distinction between malignant mesothelioma of the pleura and adenocarcinoma of the lung as defined by a monoclonal antibody (B72.3), Szpak CA; Johnston WW; Roggli V; et al, (Radiology), 160-871 1984 160: 571, 1986
- early lung cancer detection: results of the initial (prevalence) radiologic and cytologic screening in The Johns Hopkins Study, Frost JK; Ball WC Jr; Levin ML; et al, (Radiology), 155: 847, 1985
- (nationgy), 305-307, 1906 early lung cancer detection: results of the initial (prevalence) radiologic and cytologic screening in the memorial Sloan-Kettering study, Flehinger BJ; Welamed MR; Zaman MB; et al, (Radiology), 155: 848, 1985
- early lung cancer detection: results of the initial (prevalence) radiologic and cytologic screening in the Mayo Clinic Study, Fontana RS; Sanderson DR; Taylor WF; et al, (Radiology), 155: 848, 1985
- effect of varying high pass filter parameters on the detectability of isolated pulmonary nodules in digitized chest images, Foley WD; Wilson CR; San Dretto M, (Invest Radiol), 21: 305, 1986
- importance and value of a preoperative diagnosis in oat cell carcinoma by radiography and its verification by fine needle biopsy (FNB), Sinner WN, (Radiology), 158: 565, 1986
- non-small-cell lung cancer: results of the New York screening program, Heelan RT; Flehinger BJ; Melamed MR; Zaman MB; Perchick WB; Caravelli JF; Martini N, (Radiology), 151: 289, 1984
- oblique hilar tomography, computed tomography, and mediastinoscopy for prethoracotomy staging of bronchogenic carcinoma, Khan A; Gersten KC; Garvey J; Khan FA, (Radiology), 156: 295, 1985
- peripheral pulmonary lesions: ultrasonography and ultrasonically guided aspiration biopsy, Yang P-C; Luh K-T; Sheu J-C; Kuo S-H; Yang S-P, (Radiology), 155:

# Lung neoplasms, diagnosis

- primary lung cancer staging: prospective comparative study of MR imaging with CT, Musset D; Grenier P; Carette MF; Frija G; Hauuy MP; Desbleds MT; Girard P; Bigot JM; Lallemand D, (Radiology), 160:
- pulmonary nodules: detection of calcification by linear and pluridirectional movement in tomographic study, Chasen MH; McCarthy MJ, (Radiology), **156**: 589, 1985
- pulmonary nodules: detection using magnetic resonance and computed tomography, Muller NL; Gamsu G; Webb WR, (Radiology), **155**: 687, 1985
- radiologic contributions to cancer management, Kagan AR; Steckel RJ, (AJR), 147: 473, 1986
- screening for early lung cancer: results of the memorial Sloan-Kettering study in New York, Melamed MR; Flehinger BJ; Zaman MB; et al, (Radiology), 154: 847, 1985
- simulated pulmonary nodules: detection with dual-energy digital versus conventional radiography, Niklason LT; Hickey NM; Chakraborty DP; Sabbagh EA; Yester MV; Fraser RG; Barnes GT, (Radiology), 160: 589,
- utility of CT in detecting postpneumonectomy carcinoma recurrence, Glazer HS; Aronberg DJ; Sagel SS; et al, (AJR), 142: 487,

### Lung neoplasms, metastases

- cerebral metastases from lung carcinoma: neurological and CT correlation. work in progress, Tarver RD; Richmond BD; Klatte EC, (Radiology), 153: 689, 1984
- chest wall invasion by lung cancer: limitations of CT evaluation, Pennes DR; Glazer GM; Wimbish KJ; et al, (AJR), 144: 507, 1985
- diffuse pulmonary metastasis in melanoma: radiographic-pathologic correlation, Dwyer AJ; Reichert CM; Woltering EA; et al, (AJR), 143: 983, 1984
- endobronchial metastasis from malignant Schwannoma, Amin R, (Radiology), **154**: 553, 1985
- isolated adrenal masses in nonsmall-cell bronchogenic carcinoma, Oliver TW Jr; Bernardino ME; Miller JI; Mansour K; Greene D; Davis WA, (Radiology), 153: 217, 1984
- median sternotomy for resection of pulmonary metastases, Johnston MR, (Radiology), **151**: 257, 1984
- metastatic deposits from a previously treated carcinoma of the lung presenting as a renal cell carcinoma, Bailey MJ; Williams JE; Riddle PR, (Br J Radiol), 59: 333, 1986
- non-small cell lung carcinoma adrenal metastases. computed tomography and percutaneous needle biopsy in their diagnosis, Pagani JJ, (Radiology), 153: 572, 1984
- pulmonary lymphangitic carcinomatosis from vaginal carcinoma presenting as congestive heart failure, Koenigs KP; Campbell DR; Magrina J; et al., (Radiology), **151**: 257, 1984
- roentgenographic evaluation of mediastinal nodes for preoperative assessment in lune nodes for preoperative assessment in lung cancer, McKenna RJ Jr; Libshitz HI; Mountain CE; et al, (Radiology), **158**: 565,
- sensitivity of chest radiography, computed tomography, and gallium scanning to metastasis of lung carcinoma, Friedman PJ; Feigin DS; Liston SE; et al, (Radiology), 155: 847, 1985
- value of CT in the preoperative assessment of lung cancer: survey of thoracic surgeons, Epstein DM; Stephenson LW; Gefter WB; van der Voorde F; Aronchick JM; Miller WT, (Radiology), 161: 423, 1986

### Lung neoplasms, MR studies

differentiation of radiation fibrosis from recurrent pulmonary neoplasm by magnetic resonance imaging, Glazer HS; Levitt RG; Lee JKT; et al, (AJR), **143**: 729, 1984

### Lung neoplasms, radionuclide studies

comparative evaluation of technetium-99m glucoheptonate and gallium-67 citrate thoracic imaging in detection of mediastinal and hilar involvement in primary lung cancer, Taillefer R; Beauchamp G; Leveille J, (Clin Nucl Med), 11: 15, 1986

- critical evaluation of the gallium-67 scan for surgical patients with lung cancer, McKenna RJ Jr.; Haynie TP; Libshitz HI; et al, (Radiology), 157: 287, 1985 demonstration of pulmonary mass defect by iodine-123 N,N,N'rimethyl-N'[2-hydroxy-3-methyl-5-iodobenzyl]-1,3-propanediamine lung imaging, Shih W-J; Coupal JJ; DeLand FH; et al, (Clin Nucl Med), 11: 632, 1986
- 1986 technetium-99m glucoheptonate imaging in lung cancer and benign lung diseases: concise communication, Passamonte PM; Seger RM; Holmes RA; et al, (Radiology), 153: 281, 1984

Lung neoplasms, secondary

- advanced prostatic carcinoma: pulmonary manifestations, Apple JS; Paulson DF; Baber C; Putman CE, (Radiology), **154**: 601,
- complete regression of pulmonary metastases from malignant melanoma of the vulva following therapy with tamoxifen, Amin R, (Br J Radiol), 59: 171, 1986
- (Br J Radiol), 59: 171, 1986 pulmonary evaluation of patients with osteosarcoma: roles of standard radiography, tomography, CT, scintigraphy, and tomoscintigraphy, Vanel D; Henry-Amar M; Lumbroso J; et al. (AJR), 143: 519, 1984
- pulmonary metastasis from intraspinal meningioma, Dastur KJ; Raji MR; Smith WI Jr, (AJNR), 5: 483, 1984

- Smith WI Jr. (AJNR), 5: 483, 1984
  Lung neoplasms, staging
  bronchogenic carcinoma: staging with MR
  compared with staging with CT and surgery,
  Webb WR; Jensen BG; Sollitto R; de Geer G;
  McCowin M; Gamsu G; Moore EH,
  (Radiology), 156: 117, 1985
  computed tomography for staging
  bronchogenic carcinoma, Konig R; van
  Kaick G; Clorius JH; et al, (Radiology), 158:
  565, 1986
- 565, 1986 computed tomography of the chest in small cell lung cancer: potential new prognostic signs, Whitley NO; Fuks JZ; McCrea ES, et al. (AJR), 142: 885, 1984 efficacy of routine whole lung tomography in germ cell tumors, Jochelson MS; Garnick MB; Balikian JP; et al. (Radiology), 155: 840, 1985
- 155: 860, 1985
- lung cancer: part II. staging and therapy, Filderman AE, Shaw C; Matthay RA, (Invest Radiol), 21: 173, 1986
- mediastinal assessment for staging and treatment of carcinoma of the lung, Unruh H; Chiu RC-J, (Radiology), **160**: 572,
- mediastinum in non-small cell lung cancer: CT-surgical correlation, Glazer GM; Orringer MB; Gross BH; et al, (AJR), **142**: 1101, 1984
- normal mediastinal lymph node size and number: CT and anatomic study, Genereux GP; Howie JL, (AJR), 142: 1095,
- primary lung cancer staging: prospective comparative study of MR imaging with CT, Musset D; Grenier P; Carette MF; Frija G; Hauuy MP; Desbleds MT; Girard P; Bigot JM; Lallemand D, (Radiology), 160: 607, 1986
- prognostic influence of TNM staging and LDH levels in small cell carcinoma of the lung (SCCL), Byhardt RW; Hartz A; Libnoch JA; et al, (Int J Radiat Oncol Biol Phys), 12: 771, 1986
- radiologic contributions to cancer management, Kagan AR; Steckel RJ, (AJR), 147: 473, 1986
- role of computed tomography and mediastinoscopy in preoperative staging of lung carcinoma, Brion JP; Depauw L; Kuhn G; et al, (JCAT), 9: 480, 1985
- role of CT in staging radiographic T<sub>1</sub>N<sub>0</sub>M<sub>0</sub> lung cancer, Heavey LR; Glazer GM; Gross BH; et al, (AJR), **146**: 285, 1986
- staging of non-small cell bronchogenic carcinoma: relationship of the clinical evaluation to organ scans, Quinn DL; Ostrow LB; Porter DK; et al, (Radiology), 160: 572, 1986
- upper abdominal computerized tomography scanning in staging non-small cell lung carcinoma, Chapman GS; Kumar D; Redmond J III; et al, (Radiology), 155: 860,
- value of CT in the preoperative assessment of lung cancer: survey of thoracic surgeons, Epstein DM; Stephenson LW; Gefter WB; van der Voorde F; Aronchick JM; Miller WT, (Radiology), 161: 423, 1986

Lung neoplasms, surgery

- ung neoplasms, surgery preoperative treatment of squamous cell carcinoma of the lung with mitomycin-C in the bronchial artery, Ekholm SE; Dahlback O; Tylen U, (Eur J Radiol), 6: 9,
- survival following resection for second and third primary lung cancers, Mathisen DJ; Jensik RJ; Faber LP; et al, (Radiology), 156: 261, 1985
- Lung neoplasms, therapeutic radiology abscopal regression following radiotherapy for adenocarcinoma, Rees GJG; Ross CMD, (Radiology), 151: 279, 1984
  - (Radiology), 151: 279, 1984 energy and protein intake and nutritional status in non-surgically treated patients with small cell anaplastic carcinoma of the lung, Enig B. Winther E: Hessov I, (Acta Radiol [Oncol]), 25: 19, 1986
  - high dose rate intraluminal irradiation in recurrent endobronchial carcinoma, Seagren S; Harrell JH; Horn RA, (Radiology), **159**: 820, 1986
  - impact of tumor control on survival in carcinoma of the lung treated with irradiation, Perez CA; Bauer M; Edelstein S; et al., (Int J Radiat Oncol Biol Phys), 12: 539, 1986
  - lung corrections in photon beam treatment planning: are we ready?, Orton CG; Mondalek PM; Spicka JT; et al, (Radiology), 157: 575, 1985
  - mediastinal assessment for staging and treatment of carcinoma of the lung, Unruh H; Chiu RC-J, (Radiology), **160**: 572,
- neurologic dysfunction in patients treated for small cell carcinoma of the lung; clinical and radiological study, Chak LY; Zatz LM; Wasserstein P; et al. (Int J Radiat Oncol Biol Phys), 12: 385, 1986
- neurotoxicity in long-term survivors of small cell lung cancer, Lee JS; Umsawasdi T; Lee Y-Y; et al, (Int J Radiat Oncol Biol Phys), 12: 313, 1986
- prospective randomized trial comparing once-a-week vs daily radiation therapy for locally-advanced, non-metastatic, lung cancer: preliminary report, Salazar OM; Slawson RG; Poussin-Rosillo H; et al, (Int J Radiat Oncol Biol Phys), 12: 779, 1986
- radiotherapy and cis-diammine dichloroplatinum (II) as a combined treatment modality for inoperable non-small cell lung cancer: dose finding study, Schaake-Koning C; Bartelink H; Adema BH; et al, (Int J Radiat Oncol Biol Phys), 12: 379, 1986
- response of atelectasis from lung cancer to radiation therapy, Majid OA; Lee S; Khushalani S; et al, (Int J Radiat Oncol Biol Phys), 12: 231, 1986
- small-cell carcinoma of the lung: patterns of treatment failure in patients treated primarily by chemotherapy, Ali MM; Hazra TA, (Radiology), 152: 527, 1984
- Lung neoplasms, therapy
  - lung cancer: part II. staging and therapy, Filderman AE; Shaw C; Matthay RA, (Invest Radiol), 21: 173, 1986
  - preoperative laser photodynamic therapy in combination with operation in lung cancer, Kato H; Konaka C; Ono J; et al., (Radiology), 159: 570, 1986
- preoperative treatment of squamous cell carcinoma of the lung with mitomycin-C in the bronchial artery, Ekholm SE; Dahlback O; Tylen U, (Eur J Radiol), 6: 9,
- small cell anaplastic carcinoma of the lung, the Aarhus experience 1976-1981, Schultz HP; Overgaard M; Steenholdt S; et al, (Radiology), 155: 559, 1985
- Lung neoplasms, US studies
- antenatal diagnosis of pulmonary tumours: report of two cases, Avni EF; Vanderelst A; Van Gansbeke D; et al, (Pediatr Radiol), **16**:
- Lupus erythematosus
  - bone lesions in systemic lupus erythematosus, Leskinen RH; Skrifvars BV; Laasonen LS; Edgren KJ, (Radiology), **153**: 349, 1984
- cardiac complications in children with systemic lupus erythematosus, Englund JA; Lucas RV Jr, (Radiology), 154: 274, 1985 coexistance of sytemic lupus erythematosus and parotid hypertrophy: case report and literature review, Seung HI; Romano TJ, (Radiology), 156: 279, 1985

cranial computed tomographic findings in patients with neurologic manifestations of systemic lupus erythematosus, Weisberg LA, (Comput Radiol), 10: 63, 1986

elevated sacroiliac joint uptake ratios in systemic lupus erythematosus, De Smet AA, Mahmood T; Robinson RG; et al, (AJR), 143: 351, 1984

MR imaging of systemic lupus erythematosus involving the brain, Aisen AM;
Cabrielsen TO; McCune WJ, (AJNR), 6: 197,

nuclear magnetic resonance (NMR) imaging of nuclear magnetic resonance (nwik) imaging of the brain in systemic lupus erythematosus, Vermess M; Bernstein RM; Bydder GM; et al, (Radiology), 151: 270, 1984 orbital inflammation, myositis, and systemic lupus erythematosus, Grimson B6; Simons KB, (Radiology), 150: 863, 1984

pulmonary hemorrhage associated with systemic lupus erythematosus in children, Ramirez RE; Glasier C; Kirks D; Shackellord GD; Locey M, (Radiology), 152: 409, 1984

shrinking lungs, diaphragmatic dysfunction, and systemic lupus erythematosus, Thompson PJ; Dhillon DP; Ledingham J; et al, (Radiology), 158: 857,

Stanley JH; Cornella R; Loevinger E; et al, (AJR), 142: 1165, 1984

widespread osteonecrosis of the foot in systemic lupus erythematosus: radiographic and gross pathologic correlation, Resnick D; Pineda C; Trudell D, (Radiology), **157**: 568, 1985

Lymphangiography See Lymphography

Lymphangioma

ympnangioma cystic lymphangioma of the pancreas: CT demonstration, Pandolfo I; Scribano E; Gaeta M; et al. (JCAT), 9: 209, 1985 lymphographic documentation of a vertebral lymphangioma, Wenz W; Reichelt A; Rau WS; et al. (Radiology), 155: 273, 1985

kau Ws; et al., (kallology), 195: 27, 1965 lymphoscintigraphy: lower extremity lymphangioma, Wells RG; Ruskin JA; Sty JR, (Clin Nucl Med), 11: 523, 1986 varied sonographic appearance of cystic hygromas in utero, Rahmani MR; Fong KW; Connor TP, (J Ultrasound Med), 5: 165, 1986

Lymphangiomatosis

abdominal cystic lymphangiomatosis: report of a case and review of the literature, Thomas AMK; Leung A; Lynn J, (Radiology), 157: 852, 1985

hepatic lymphangiomatosis: report of a case and review of the literature, Van Steenbergen W; Joosten E: Marchal GJ; et al, (Radiology), 158: 857, 1986

retroperitoneal lymphangioleiomyomatosis: 36-year benign course in a postmenopausal woman, Bhattacharyya AK; Balogh K, (Radiology), 158: 858, 1986

upright film in lymphangiographic detection of lymphangiomatosis, Miller DL; Fink IJ; Waldmann TA; et al, (AJR), 145: 847, 1985

Lymphangiosarcoma See Sarcoma

Lymphatic system

intramammary lymph nodes, Egan RL; McSweeney MB, (Radiology), 150: 612, 1984 intrapulmonary lymph nodes: clinical, radiologic, and pathologic features, Kradin RL; Spirn PW; Mark EJ, (Radiology), 157: 278, 1985

normal mediastinal lymph nodes: number and size according to American Thoracic Society mapping, Glazer GM; Gross BH; Quint LE; et al, (AJR), 144: 261, 1985

Quint LE; et al. (A)R), 144: 261, 1393 paratracheal lymphadenopathy: radiographic findings and correlation with CT, Muller NL; Webb WR; Gamsu G, (Radiology), 156: 761, 1985

sarcoid reaction of hilar and paratracheal lymph nodes in patients treated for testicular cancer, Fossa SD; Abeler V; Marton PF; et al, (Radiology), **159**: 572, 1986

Lymphatic system, angiography serotonin-induced visualization of the popliteal lymph node by angiography: unique microvascular response to serotonin. Orlandi C. Blackshear JL; Hollenberg NK, (Invert Bodiel) 3, 201, 1986. (Invest Radiol), 21: 201, 1986

Lymphatic system, biopsy fine-needle aspiration biopsy of lymphangiographically normal lymph nodes: a negative view, Kidd R; Correa R Jr, (AJR), 142: 1005, 1984

thoracic duct cyst: diagnosis with needle aspiration, Morettin LB; Allen TE, (Radiology), **161:** 437, 1986

Lymphatic system, calcification

CT demonstration of calcified mediastinal lymph nodes: guide to the new ATS classification, Glazer HS; Aronberg DJ; Sagel SS; et al, (AJR), 147: 17, 1986

Lymphatic system, CT

cardiophrenic angle adenopathy: update of causes and significance, Vock P; Hodler J, (Radiology), 159: 395, 1986

cervical tuberculous adenitis: CT manifestations, Reede DL; Bergeron RT, (Radiology), 154: 701, 1985

computed tomography of cervical lymph nodes: staging and management of head and neck cancer, Stevens MH; Harnsberger HR; Mancuso AA; et al, (Radiology), 161: 287,

CT appearance of impaired lymphatic drainage in liver transplants, Marincek B; Barbier PA; Becker CD; et al, (AJR), 147: 519,

CT demonstration of calcified mediastinal lymph nodes: guide to the new ATS classification, Glazer HS; Aronberg DJ; Sagel SS; et al, (AJR), 147: 17, 1986

Sager 33, et al. (AJK), 14: 17, 1760 gastrohepatic ligament: normal and pathologic CT anatomy, Balfe DM; Mauro MA; Koehler RE; Lee JKT; Weyman PJ; Picus D; Peterson RR, (Radiology), 150: 485, 1984

magnetic resonance imaging of the lymph nodes: comparison with CT, Dooms GC; Hricak H; Crooks LE; Higgins CB, (Radiology), 153: 719, 1984

mediastinal lymph node detection and sizing at CT and autopsy, Quint LE; Glazer GM; Orringer MB; et al, (AJR), 147: 469, 1986

mediastinum in on-small cell lung cancer: CT-surgical correlation, Glazer GM; Orringer MB; Gross BH; et al, (AJR), 142: 1101, 1984

normal mediastinal lymph node size and number: CT and anatomic study, Genereux GP; Howie JL, (AJR), 142: 1095,

pitfalls in CT recognition of mediastinal lymphadenopathy, Glazer HS; Aronberg DJ; Sagel SS, (AJR), 144: 267, 1985

Portacaval space: CT with MR correlation, Zirinsky K; Auh YH; Rubenstein WA; Kneeland JB; Whalen JP; Kazam E, (Radiology), 156: 453, 1985

Lymphatic system, cysts

thoracic duct cyst: diagnosis with needle aspiration, Morettin LB; Allen TE, (Radiology), **161**: 437, 1986

Lymphatic system, diseases

abdominal lymphadenopathy in intravenous drug addicts: sonographic features and clinical significance, Subramanyam BR; Balthazar EJ; Horii SC; et al, (AJR), 144: 917,

abdominal tuberculosis: CT evaluation, Hulnick DH; Megibow AJ; Naidich DP; Hilton S; Cho KC; Balthazar EJ, (Radiology), 157: 199, 1985

angioimmunoblastic lymphadenopathy: clinical and radiological features, Limpert J; MacMahon H; Variakojis D, (Radiology), 152: 27, 1984

cardiovascular abnormalities in Kawasaki disease, Novelli VM; Galbraith A; Smallhorn PJ; et al, (Radiology), 154: 275,

cervical tuberculous adenitis: CT manifestations, Reede DL; Bergeron RT, (Radiology), 154: 701, 1985

characterization of lymphadenopathy by magnetic resonance relaxation times: preliminary results, Dooms GC; Hricak H; Moseley ME; Bottles K; Fisher MR; Higgins CB, (Radiology), 155: 691, 1985

clinical and imaging spectrum of pancreaticoduodenal lymph node enlargement, Zeman RK; Schiebler M; Clark LR; et al, (AJR), 144: 1223, 1985

dural involvement in sinus histiocytosis with

dural involvement in sinus histiocytosis with masses lymphadenopathy. case report, Trudel M, (Radiology), 153: 854, 1984 generalized lymphadenopathy in homosexual men, Metroka CE; Cunningham-Rundles S; Pollack MS; et al, (Radiology), 150: 857, 1984

indium-111 leukocyte scanning localization for detecting early myocarditis in Kawasaki disease, Williamson MR: Williamson SL; Seibert JJ, (AJR), 146: 255, 1986

Kawasaki disease: Canadian update, Rowe RD; Rose V, (Radiology), **156**: 274, 1985

lymph nodes of the neck: evaluation with US, Hajek PC; Salomonowitz E; Turk R; Tscholakoff D; Kumpan W; Czembirek H, (Radiology), 158: 739, 1986

mediastinal lymphadenopathy and pulmonary arterial hypertension im mixed connective tissue disease, Guit GL; Shaw PC; Ehrlich J; Kroon HM; Oudkerk M, (Radiology), 154:

pitfalls in CT recognition of mediastinal lymphadenopathy, Glazer HS; Aronberg DJ; Sagel SS, (AJR), 144: 267, 1985

primary intestinal lymphangiectasia: clinical and CT findings, Fakhri A; Fishman EK; Jones B; et al, (JCAT), 9: 767, 1985

sinus histiocytosis with massive lymphadenopathy: skeletal involvement, Puczynski MS; Demos TC; Suarez CR, (Radiology), 157: 570, 1985

sonography of intestinal lymphangiectasia, Dorne HL; Jequier S, (J Ultrasound Med), 5:

subcarinal lymph node enlargement: radiographic findings and CT correlation, Muller NL; Webb WR; Gamsu G, (AJR), 145: 15, 1985

subcostal 2-dimensional echocardiographic imaging of peripheral left coronary artery aneurysms in Kawasaki disease, Maeda T; Yoshida H, Funabashi T; et al, (Radiology), 151: 558, 1984

Lymphatic system, flow dynamics

dynamic lymph flow imaging in lymphedema: normal and abnormal patterns, Nawaz K; Hamad MM; Sadek S; et al, (Clin Nucl Med), 11: 653, 1986

Lymphatic system, hyperplasia

angiofollicular lymph node hyperplasia (Castleman's disease) associated with vertebral destruction, Stokes SH; Griffith RC; Thomas PRM, (Radiology), 158: 570, 1986

cutaneous lymphoid hyperplasia: results of radiation therapy, Olson LE; Wilson JF; Cox JD, (Radiology), **155**: 507, 1985

kaposi sarcoma and lymphadenopathy syndrome: limitations of abdominal CT in acquired immunodeficiency syndrome, Moon Kt, Ir; Federle MP; Abrams DI; Volberding P; Lewis BJ, (Radiology), 150: 479, 1984. 479, 1984

Lymphatic system, MR studies

breast and axillary tissue MR imaging: correlation of signal intensities and relaxation times with pathologic findings, Wiener JI; Chako AC; Merten CW; Gross S; Coffey EL; Stein HL, (Radiology), 160: 299,

characterization of lymphadenopathy by magnetic resonance relaxation times: preliminary results, Dooms GC; Hricak H; Moseley ME; Bottles K; Fisher MR; Higgins CB, (Radiology), 155: 691, 1985

magnetic resonance imaging of abdominal and pelvic lymphadenopathy, Lee JKT; Heiken JP; Ling D; Glazer H5; Balfe DM; Levitr RG; Dixon WT; Murphy WA, (Radiology), 153: 181, 1984

magnetic resonance imaging of discrete and agnetic resonance imaging or discrete and conglomerate retroperitioneal lymph node masses, Lawson TL; Foley WD; Thorsen MK; Chintapalli K; Smith DF; Alpern M; Arevalos E; Perlman S; Reif L; Kneeland JB, (Radiographics), 5: 971, 1985

magnetic resonance imaging of the lymph nodes: comparison with CT, Dooms GC; Hricak H; Crooks LE; Higgins CB, (Radiology), 153: 719, 1984

malignant lymph node diseases. diagnosis with MRI in comparison with other imaging modalities, Steinbrich W: Beyer D; Modder U, (Radiology), 158: 287, 1986

MR characteristics of benign lymph node enlargement in sarcoidosis and Castleman's disease, de Geer G; Webb WR; Sollitto R; et al, (Eur J Radiol), 6: 145, 1986

pitfall in MR imaging of lymphadenopathy after lymphangiography, Buckwalter KA; Ellis JH; Baker DE; Borello JA; Glazer GM, (Radiology), 161: 831, 1986

portacaval space: CT with MR correlation, Zirinsky K; Auh YH; Rubenstein WA; Kneeland JB; Whalen JP; Kazam E, (Radiology), 156: 453, 1985

Lymphatic system, neoplasms

axillary lymph node metastases in breas cancer: preoperative detection with US, Bruneton JN; Caramella E; Hery M; Aubanel D; Manzino JJ; Picard JL, (Radiology), **158**: 325, 1986

breast cancer metastasis to intramammary lymph nodes, Lindfors KK; Kopans DB; McCarthy KA; et al, (AJR), **146**: 133, 1986

cardiophrenic angle adenopathy: update of causes and significance, Vock P; Hodler J, (Radiology), **159**: 395, 1986

case of the day, Goldberg ME; Frick M; Maile C; et al, (AJR), 144: 1290, 1985

cervical Castleman disease: CT study with angiographic correlation, Koslin DB; Berland LL; Sekar BC, (Radiology), 160: 213,

characterization of lymphadenopathy by magnetic resonance relaxation times: preliminary results, Dooms GC; Hricak H; Moseley ME; Bottles K; Fisher MR; Higgins CB, (Radiology), **155**: 691, 1985

computed tomography of cervical lymph nodes: staging and management of head and neck cancer, Stevens MH; Harnsberger HR; Mancuso AA; et al. (Radiology), 161: 287,

CT demonstration of cardiophrenic angle lymphadenopathy in Hodgkin disease, Meyer JE; McLoud TC; Lindfors KK, (JCAT), 9: 485, 1985

ear, nose, and throat cancer: ultrasound diagnosis of metastasis to cervical lymph nodes, Bruneton JN; Roux P; Caramella E; Demard F; Vallicioni J; Chauvel P, (Radiology), **152**: 771, 1984

lymph nodes of the neck: evaluation with US, Hajek PC; Salomonowitz E; Turk R; Tscholakoff D; Kumpan W; Czembirek H, (Radiology), 158: 739, 1986

(Radiology), 138: 739, 1960
magnetic resonance imaging of abdominal and pelvic lymphadenopathy, Lee JKT; Heiken JP; Ling D; Glazer H5; Balfe DM; Levitt RG, Dixon WT: Murphy WA, (Radiology), 153: 181, 1984

malignant lymph node diseases. diagnosis with MRI in comparison with other imaging modalities, Steinbrich W; Beyer D; Modder U, (Radiology), **158**: 287, 1986

mediastinal lymph node detection and sizing at CT and autopsy, Quint LE; Glazer GM; Orringer MB; et al, (AJR), 147: 469, 1986

mediastinal lymph node size in lung cancer, Libshitz HI; McKenna RJ Jr, (AJR), 143: 715,

ultrasonic detection of lymph node metastases in the region around the celiac axis in esophageal and gastric cancer, Yoshinaka H; Nishi M; Kajisa T; et al, (Radiology), 158: 567, 1986

Lymphatic system, radionuclide studies

biodistribution of radiolabeled lymphocytes, Fawwaz RA; Oluwole S; Wang TS; Kuromoto N; Iga C; Hardy MA; Alderson PO, (Radiology), 155: 483, 1985

comparison as a lymphscintigraphic agent between technetium 99m dextran and technetium 99m antimony sulphide colloid, Juma N; Andruy T; Ege GN, (Radiology), 158: 288, 1986

determination of depth distribution of internal mammary lymph nodes on lateral lymphoscintigraphy, Yip TCK; Ege GN, (Radiology), 156: 572, 1985

dynamic lymph flow imaging in lymphedema: normal and abnormal patterns, Nawaz K; Hamad MM; Sadek S; et al, (Clin Nucl Med), 11: 653, 1986

experimental in vivo imaging of the cranial perineural lymphatic pathway, Pile-Spellman JM; McKusick KA; Strauss HW; et al, (AJNR), 5: 539, 1984

imaging of lymph node uptake after intravenous administration of indium-111 metalloporphyrins, Robinson GD Jr; Alavi A; Vaum R; et al, (J Nucl Med), 27: 239, 1986

internal mammary lymphoscintigraphy in the conservative management of breast carcinoma: update and recommendations for the new TNM staging, Ege GN; Clark RM, (Radiology), 158: 566, 1986

lymphoscintigraphy in lymphedema: aid to microsurgery, Vaqueiro M; Gloviczki P; Fisher J; et al, (J Nucl Med), 27: 1125, 1986

lymphoscintigraphy in patients with lymphedema: new approach using intradermal injections of technetium-99m human serum albumin, Ohtake E; Matsui K, (Clin Nucl Med), 11: 474, 1986

lymphoscintigraphy: lower extremity lymphangioma, Wells RG; Ruskin JA; Sty JR, (Clin Nucl Med), 11: 523, 1986

phase I immunolymphoscintigraphy with an In-111-labeled antimelanoma monoclonal antibody. Engelstad BL: Spitler LE; Del Rio MJ; Ramos EC; Rosendorf LL; Reinhold CE; Khentigan A; Huberty JP; Corpus SW; Lee HM; Okerlund MD; Hattner RS; Scannon PJ, (Radiology), 161:

postoperative axillary lymphoscintigraphy in management of breast cancer, Bourgeois P; Fruhling J; Henry J, (Radiology), 151: 563,

prognostic value of axillary lymphoscintigraphy in breast carcinoma patients, McLean RG; Ege GN, (J Nucl Med), 27: 1116, 1986

serendipitous lymph node visualization during bone imaging, Vieras F, (Clin Nucl Med), 11: 434, 1986

thoracic duct malformations: lymphoscintigraphic diagnoses, Lopez OL; Rodriguez-Maisano E; Delevaux JL, (Clin Nucl Med), 11: 479, 1986

Lymphatic system, therapeutic radiology

ear, nose, and throat cancer: ultrasound diagnosis of metastasis to cervical lymph nodes, Bruneton JN; Roux P; Caramella E; Demard F; Vallicioni J; Chauvel P, (Radiology), 152: 771, 1984

total lymphoid irradiation as an immunosuppressive agent for transplantation and the treatment of autoimmune disease: review, Halperin EC, (Radiology), 156: 572, 1985

Lymphatic system, US studies

yaipnatic system, US studies axillary lymph node metastases in breast cancer: preoperative detection with US, Bruneton JN; Caramella E; Hery M; Aubanel D; Manzino JJ; Picard JL, (Radiology), 158: 325, 1986

changes in peripheral lymph nodes as seen via sonography, Brockmann WP; Maas R; Voigt H; et al, (Radiology), **158**: 863, 1986

ear, nose, and throat cancer: ultrasound diagnosis of metastasis to cervical lymph nodes, Bruneton JN; Roux P; Caramella E; Demard F; Vallicioni J; Chauvel P, (Radiology), 152: 771, 1984

lymph nodes of the neck: evaluation with US, Hajek PC; Salomonowitz E; Turk R; Tscholakoff D; Kumpan W; Czembirek H, (Radiology), **158**: 739, 1986

sonographic appearance of normal lymph nodes, Marchal GJF; Oyen RH; Verschakelen J; et al, (J Ultrasound Med), 4: 417, 1985

ultrasonic detection of lymph node metastases in the region around the celiac axis in esophageal and gastric cancer, Yoshinaka H; Nishi M; Kajisa T; et al. (Radiology), 158: 567, 1986

Lymphedema

dynamic lymph flow imaging in lymphedema: normal and abnormal patterns, Nawaz K; Hamad MM; Sadek S; et al, (Clin Nucl Med),

lymphoscintigraphy in lymphedema: aid to microsurgery, Vaqueiro M; Gloviczki P; Fisher J; et al, (J Nucl Med), 27: 1125, 1986

lymphoscintigraphy in patients with hymphedema: new approach using intradermal injections of technetium-99m human serum albumin, Ohtake E; Matsui K, (Clin Nucl Med), 11: 474, 1986

role of CT in the diagnosis of primary lymphedema of the lower limb, Hadjis NS; Carr DH; Banks L; et al, (AJR), **144**: 361, 1985

Lymph nodes

See Lymphatic system

Lymphocele

CT diagnosis of mediastinal lymphocele, Sullivan KL; Wechsler RJ, (JCAT), 9: 1110, 1985

lymphoceles: imaging characteristics and percutaneous management, vanSonnenberg E; Wittich GR; Casola G; Wing VW; Halasz NA; Lee AS; Withers C, (Radiology), 161: 593, 1986

percutaneous drainage of postoperative abdominal and pelvic lymphoceles, White M; Mueller PR; Ferrucci JT Jr; et al, (AJR), 145: 1065, 1985

subcutaneous lymphocele following trauma to the thoracic duct, Saibil EA; Howard BA; McKee JD; et al, (J Canad Assoc Radiol), 37: 213, 1986

Lymphocytes

Familiary No. 10 period of the state of the

neutrophil labeling: problems and pitfalls, Thakur ML; Seifert CL; Madsen MT; et al, (Semin Nucl Med), 14: 107, 1984

technetium-99m-labeled lymphocytes: radiotoxicity study, Merz T; Tatum J; Hirsch J, (J Nucl Med), 27: 105, 1986

Lymphography

ymphangiography and computerized tomography in testicular carcinoma: how accurate in early stage disease?, Tesoro-Tess JD; Pizzocaro G; Zanoni F; et al, (Radiology), 157: 850, 1985

lymphangiography and fine-needle aspiration biopsy: ineffective for staging early prostate cancer, Kidd R; Crane RD; Dail DH, (AJR), 142: 1007, 1984

l'42: 1007, 1504 lymphography and computed tomography in staging nonseminomatous testicular cancer: limited detection of early stage metastatic disease, Marincek B, Brutschin P; Triller J; et al. (Radiology), 152: 251, 1984

lymphography in retroperitoneal metastases in non-seminoma testicular tumor patients with a normal CT scan, Lien HH; Fossa SD; Ous S; et al, (Radiology), 152: 844, 1984

pitfall in MR imaging of lymphadenopathy after lymphangiography, Buckwalter KA; Ellis JH; Baker DE; Borello JA; Glazer GM, (Radiology), 161: 831, 1986

prognostic value of lymphograms in chronic lymphatic leukemia, Auclerc M-F; Desprez-Curely JP; Maral J; et al, (Radiology), 153: 271, 1984

value of computed tomography and lymphangiography in staging carcinoma of the uterine cervix, Marincek B; Devaud MC; Triller J; et al. (Radiology), 154: 555, 1985 value of lymphography in the management of carcinoma of the cervix, Smales E; Perry CM; MacDonald JS; et al, (Clin Radiol), 37: 19, 1986

Lymphography, complications

hepatic oil embolism following lymphangiography, Lee S, (J Ultrasound Med), 4: 357, 1985

Lymphography, technology

upright film in lymphangiographic detection of lymphangiomatosis, Miller DL; Fink IJ; Waldmann TA; et al. (AJR), 145: 847, 1985

See also Hodgkin disease

angiographic patterns of involvement in renal and perirenal lymphoma, Jafri SZH; Amendola MA; Brady TM; et al, (Radiology), 152, 54, 1004 153: 561, 1984

angioimmunoblastic lymphadenopathy: clinical and radiological features, Limpert J; MacMahon H; Variakojis D, (Radiology), 152: 27, 1984

Burkitt's lymphoma of the stomach, Regenbogen VS; Ghahremani GG; Zabrowski RJ; et al, (Radiology), **156**: 281,

cardiophrenic angle adenopathy: update of causes and significance, Vock P; Hodler J, (Radiology), **159**: 395, 1986

(Radiology), 159: 595, 1796 combined malignant lymphoma of the eye and CNS (reticulum-cell sarcoma). report of three cases, Rockwood EJ; Zakov Z; Bay N; et al, (Radiology), 155: 554, 1985 computed tomography of malignant lymphoma of the brain, Holtas S; Nyman U; Cronqvist S, (Radiology), 153: 276, 1984

computerized tomography evaluation of chest wall involvement in lymphoma, Cho CS; Blank N; Castellino RA, (Radiology), 157: 286, 1985

CT appearance of primary pancreatic lymphoma, Teefey SA; Stephens DH; Sheedy PF II, (Gastrointest Radiol), 11: 41,

CT of abdominal lymphoma after renal transplantation, Frick MP; Salomonowitz E; Hanto DW; et al, (AJR), 142: 97, 1984

- CT of intracranial lymphoma, Weingarten K; Zimmerman RD, (Semin US CT MR), 7: 9, 1986
- CT of the axilla: normal anatomy and pathology, Fishman EK; Zinreich ES; Jacobs CG; Rostock RA; Siegelman SS, (Radiographics), 6: 475, 1986
- (Radiographics), 6: 475, 1986 cutaneous lymphoid hyperplasia: results of radiation therapy, Olson LE: Wilson JF; Cox JD, (Radiology), 155: 507, 1985 danger of urography in hyperuricemic children with Burkitt's lymphoma, Mandell GA; Swacus JR; Rosenstock J; et al, (Radiology), 153: 274, 1984
- (Radiology), 153: Z/4, 1764 development of lymphoma in patients with Crohn disease, Glick SN; Teplick SK; Goodman LR; Clearfield HR; Shanser JD, (Radiology), 153: 337, 1984
- diffuse lymphomatous polyposis of the gastrointestinal tract. case report with immunohistochemical studies, Fernandes BJ; Amato D; Goldfinger M, (Radiology), 158: 568, 1986
- diffuse nodularity in esophageal lymphoma, Levine MS; Sunshine AG; Reynolds JC; et al, (AJR), 145: 1218, 1985
- endobronchial involvement with non-Hodgkin's lymphoma: clinical-radiologic analysis, Rose RM; Grigas D; Strattemeir E; et al, (Radiology), 161: 574,
- endobronchial non-Hodgkin's lymphoma, Kilgore TL; Chasen MH, (Radiology), **150**: 853, 1984
- extranodal lymphoma of the head and neck: review of 49 consecutive cases, McGurk M; Goepel JR; Hancock BW, (Radiology), 158:
- gallium scintigraphy in American Burkitt lymphoma: accurate assessment of tumor load and prognosis, Glass RBJ; Fernbach SK; Conway JJ; et al, (AJR), 145: 671, 1985
- gastric manifestations of North American Burkitt's lymphoma, Krudy AG; Long JL; Magrath IT; et al, (Radiology), 152: 840, 1984
- gastrointestinal lymphoma: role of CT in diagnosis and management, Megibow AJ, (Semin US CT MR), 7: 43, 1986
- (Semin US CT MR), 7: 43, 1986 gastrointestinal lymphoma with total involvement of the gut, Aspestrand F; Melsom M, (Radiology), 156: 265, 1985 hypercalcemia, unusual bone lesions, and human T-cell leukemia—lymphoma virus in adult T-cell lymphoma, Tannir N; Riggas S; Velasquez W; et al, (Radiology), 156: 565, 1985
- hypertrophic osteoarthropathy and primary intestinal lymphoma, Bloom RA; Assaf Y; Verstandig A; et al, (Gastrointest Radiol), 11:
- infectious antecedent of immunoblastic lymphoma: progressive immunosuppression in a patient with lymphogranuloma venereum, Senitzer D; Gibbons J;
- Gohara A; et al, (Radiology), 155: 849, 1985 intracranial lymphoma, Whelan MA; Kricheff II, (Semin Roentgenol), 19: 91, 1984 intrathoracic manifestations of lymphoma, Khan A; Herman PG, (Semin US CT MR), 7: 18, 1986
- liver complications and lymphomas treated with a combination of chemotherapy and radiotherapy: preliminary results, Haddad E; Bourgeois JP; Kuentz M; et al, (Radiology), **154**: 863, 1985
- long survival of primary cerebral lymphoma with progressive radiation necrosis, Merchut MP; Haberland C; Naneedy MH; et al, (Radiology), 158: 571,
- lymphadenopathy in celiac disease: computed tomographic observations, Jones B; Bayless TM; Fishman EK; et al, (AJR), 142: 1127, 1984
- lymphoma, part 1: foreword, Seltzer SE, (Semin US CT MR), 6: 349, 1985
- lymphomatous optic neuropathy, Kline LB; Garcia JH; Harsh GR III, (Radiology), 156:
- magnetic resonance imaging of hepatic lymphoma, Weinreb JC; Brateman L; Maravilla KR, (AJR), 143: 1211, 1984
- magnetic resonance imaging of the bone marrow in patients with leukemia, aplastic anemia, and lymphoma, Olson DO; Shields AF; Scheurich CJ; et al, (Invest Radiol), 21: 540, 1986
- man who hated hospitals, Morewood DJW; Lamb GHR, (Br J Radiol), 59: 793, 1986

- massive bilateral non-Hodgkin's lymphomas of the adrenals, Feldberg MAM; Hendriks MJ; Klinkhamer AC, (Urol Radiol), 8: 85, 1986
- MR imaging of spinal lymphoma, Holtas SL; Kido DK; Simon JH, (JCAT), 10: 111, 1986 non-Hodgkin's lymphoma presenting as periampullary mass with obstructive jaundice, Barek L; Orron D, (CT), 10: 89,
- non-Hodgkin's lymphomas: clinical features, Levine AM, (Semin US CT MR), 6: 374, 1985 pathology of the lymphomas: 1985, Weinberg DS, (Semin US CT MR), 6: 352,
- peripheral T-cell lymphomas: histologic,
- immunohistologic, and clinical characterization, Weis JW, Winter MW, Phyliky RL, (Radiology), 161: 288, 1989 peritoneal lymphomatosis with ascites: characterization, Runyon BA; Hoefs JC,
- (Radiology), 161: 282, 1986 primary and secondary histiocytic lymphoma of the brain: CT features, Yang PJ, Knake JE; Gabrielsen TO; Latack JT; Gebarski SS; Mehta BA; Metes JJ, (Radiology), 154: 683,
- primary B-cell gastric lymphoma, Isaacson Spenser J; Finn T, (Radiology), **161**: 858, 1986
- primary central nervous system lymphoma, Kawakami Y; Tabuchi K; Ohnishi R; et al, (Radiology), **158**: 572, 1986
- primary CNS lymphoma in the cerebellopontine angle. report of a case, Ierokomos A; Goin DW, (Radiology), 157:
- primary lymphoma of the central nervous system. clinicopathological study of experience at Stanford, Helle TL; Britt RH; Colby TV, (Radiology), 152: 854, 1984
- primary lymphoma of the central nervous system: computerized tomography scan
- system: computerized tomography scan characteristics and treatment results for 12 cases, Mendenhall NP; Thar TL; Agee OF; et al, (Radiology), 152: 854, 1984 primary non-Hodgkin's lymphoma ('reticulum cell sarcoma') of bone in adults, Parvinen LM; Jereb B; Nisce L, (Radiology), 154: 286, 1985
- prognostic factors in non-Hodgkin's lymphoma, Tubiana M; Carde P; Burgers JMV; et al., (Int J Radiat Oncol Biol Phys), 12: 503, 1986
- Prolonged hepatic enhancement on computed tomography in a case of hepatic lymphoma, Bechtold RE; Karstaedt N; Wolfman NT; et al. (ICAT), 9: 186, 1985
- psoas muscle disorders: MR imaging, Lee JKT; Glazer HS, (Radiology), 160: 683, 1986 radiation therapy of primary malignant lymphoma of the brain, Yasunaga T; Takahashi M; Uozumi H; et al, (Acta Radiol [Oncol]), 25: 23, 1986
- [Onling], 25, 1766 radiographic findings in 32 cases in primary CNS lymphoma, Jack CR Jr; Reese DF; Scheithauer BW, (AJNR), 6: 899, 1985 radiologic features of multinodular lymphoma
- of the colon, Williams SM; Berk RN; Harned RK, (AJR), 143: 87, 1984
- radiologic manifestations of early gastric lymphoma, Sato T; Sakai Y; Ishiguro S; et al, (AJR), 146: 513, 1986
- (A)R), 146: 513, 1986
  rapidly progressive proptosis secondary to Burkitt's lymphoma. origin in the ethmoid sinus, Blakemore WS: Ehrenberg M;
  Fritz KJ; et al, (Radiology), 152: 849, 1984
  rectal lymphoma in homosexual men,
  Burkes RL; Meyer PR; Gill PS; et al,
  (Radiology), 161: 284, 1986
  renal lymphoma, Heiken JP; McClennan BL;
  Gold RP; (Semin US CT MR), 7: 58, 1986;

- renal sonography in American Burkitt lymphoma, Strauss S; Libson E; Schwartz E; et al, (AJR), **146**: 549, 1986 response of gastric lymphoma to chemotherapy: radiographic appearance, Fox ER; Laufer I; Levine MS, (AJR), 142: 711,
- retracted testis mimicking lymphomatous recurrence: CT demonstration, Neumann DR; Pearlstein AE, (JCAT), 10:
- role of chest CT in non-Hodgkin lymphoma, Khoury MB; Godwin JD; Halvorsen RA Jr; Hanun Y; Putman CE, (Radiology), 158: 659,
- selection of imaging studies for newly presenting patients with non-Hodgkin's lymphoma, Marglin SI; Castellino RA, (Semin US CT MR), 7: 2, 1986

- significance of contrast enhancement in cranial computerized tomography after subarachnoid hemorrhage, Doczi T; Ambrose J; O'Laoire S, (Radiology), 153: 276, 1984
- solid pleural manifestations of lymphoma, Shuman LS; Libshitz HI, (AJR), 142: 269,
- spinal epidural lymphomas: CT features in seven patients, Beres J; Pech P; Berns TF; et al, (AJNR), 7: 327, 1986
- nerns 1r; et al, (AJNR), 7: 327, 1900 thoracic wall involvement by Hodgkin disease and non-Hodgkin lymphoma: CT evaluation, Press GA; Glazer HS; Wasserman TH; Aronberg DJ; Lee JKT; Sagel SS, (Radiology), 157: 195, 1985
- unusual presentation of mediastinal Hodgkin's lymphoma on computed tomography, Wycoco D; Raval B, (Radiology), 150: 614, 1984
- uroradiographic manifestations of Burkitt's lymphoma in children, Fernbach SK; Glass RBJ, (Radiology), 161: 576, 1986
- Lymphoma, complications
- ympnoma, complications of central nervous system complications by malignant lymphomas: radiation schedule and treatment results, Aabo K. Walbom-Jorgensen S, (Int J Radiat Oncol Biol Phys), 12: 197, 1986
- Lymphoma, CT
- AIDS-related lymphomas: evaluation by abdominal CT, Nyberg DA; Jeffrey RB Jr; Federle MP; Bottles K; Abrams DI, (Radiology), 159: 59, 1986
- computed tomography in the diagnosis and follow-up of American Burkitt's lymphoma, Rezvani L; Tully RJ; Levine C; et al, (Gastrointest Radiol), 11: 36, 1986
- computed tomography of malignant lymphoma involving the skull, Holtas S; Monajati A; Utz R, (JCAT), 9: 725, 1985
- CT demonstration of peripelvic and periureteral non-Hodgkin lymphoma, McMillin KI; Gross BH, (AJR), 144: 945, 1985
- CT evaluation of cardiophrenic angle lymph nodes in patients with malignant lymphoma, Cho CS; Blank N; Castellino RA, (AJR), 143: 719, 1984
- CT of intracranial lymphoma, Weingarten K; Zimmerman RD, (Semin US CT MR), 7: 9,
- gastrointestinal lymphoma: role of CT in diagnosis and management, Megibow AJ, (Semin US CT MR), 7: 43, 1986
- intracranial non-Hodgkin lymphoma occurring after treatment of Hodgkin disease, Yang PJ; Burt TB; Stricof DD; Seeger JF, (Radiology), 161: 541, 1986
- primary central nervous system lymphoma: CT and pathologic correlation, Lee Y-Y; Bruner JM; Van Tassel P; et al, (AJR), 147: 747, 1986
- role of chest CT in non-Hodgkin lymphoma, Khoury MB; Godwin JD; Halvorsen RA Jr; Hanun Y; Putman CE, (Radiology), **158**: 659,

# Lymphoma, diagnosis

- annual oration 1985: new concepts in the non-Hodgkin lymphomas: radiologic implications, Bragg DG; Colby TV; Ward JH, (Radiology), 159: 291, 1986
- computed tomography in the diagnosis and follow-up of American Burkitt's lymphoma, Rezvani L; Tully RJ; Levine C; et al, (Gastrointest Radiol), 11: 36, 1986
- Hodgkin disease and non-Hodgkin ougkin disease and non-rougkin lymphomas in children: utilization of radiological modalities, Cohen MD; Siddiqui AR; Weetman RM; Provisor AJ; Coates T, (Radiology), 158: 499, 1986
- magnetic resonance imaging of abdominal and pelvic lymphadenopathy, Lee JKT; Heiken JP; Ling D; Glazer HS; Balfe DM; Levitt RG; Dixon WT; Murphy WA, (Radiology), 153: 181, 1984
- percutaneous needle biopsy in the diagnosis and classification of lymphoma, Erwin BC; Brynes RK; Chan WC; et al, (Radiology), 161: 288, 1986
- solid pleural manifestations of lymphoma, Shuman LS; Libshitz HI, (AJR), 142: 269, 1984

# Lymphoma, in infants and children

clinical, haematological, and radiological features in T-cell lymphoblastic malignancy in childhood, Mitchell CD; Gordon I; Chessells JM, (Clin Radiol), 37: 257, 1986

Lymphoma, metastases annual oration 1985: new concepts in the non-Hodgkin lymphomas: radiologic implications, Bragg DG; Colby TV; Ward JH, (Radiology), 159: 291, 1986 CNS involvement by non-Hodgkin's lymphoma: response to a standard therapeutic protocol, Raz I; Siegal T, (Radiology), 156: 276, 1985 Lymphoma, MR studies characterization of lymphadenopathy by

Lymphoma, MR studies characterization of lymphadenopathy by magnetic resonance relaxation times: preliminary results, Dooms GC; Hricak H; Moseley ME; Bottles K; Fisher MR; Higgins CB, (Radiology), 155: 691, 1985 Lymphoma, radionuclide studies gallium scintigraphy in American Burkitt lymphoma: accurate assessment of tumor load and prognosis, Glass RB; Fernbach SK; Conway JJ; et al. (AJR), 145: 671, 1985 scintigraphic finding in large-cell lymphoma of the spleen, Lindfors KK; Meyer JE; Palmer EL III; et al., (Radiology), 157: 288, 1985

SPECT gallium imaging in abdominal lymphoma, Adcock KA; Friefeld GD; Waldron JA Jr, (Clin Nucl Med), 11: 346, 1986

1986
Lymphoma, staging
annual oration 1985: new concepts in the nonHodgkin lymphomas: radiologic
implications, Bragg DG; Colby TV; Ward JH,
(Radiology), 159: 291, 1986
role of chest CT in non-Hodgkin lymphoma
Khoury MB; Godwin JD; Halvorsen RA Jr;
Hanun Y; Putman CE, (Radiology), 158: 659,
1986

Lymphoma, therapeutic radiology appearance of the intact lymphomatous stomach following radiotherapy and chemotherapy, Libshitz HI; Lindell MM; Maor MH; et al. (Radiology), 156: 855, 1985 axillary-subclavian vein thrombosis following combination chemotherapy and radiation therapy in lymphoma, Schreiber DP; Kapp DS, (Int J Radiat Oncol Biol Phys), 12: 391, 1986

391, 1900 central nervous system complications by malignant lymphomas: radiation schedule and treatment results, Aabo K; Walbom-Jorgensen S, (Int J Radiat Oncol Biol Phys),

Jorgensen S, (Int.) Radiat Oncol Biol Phys. 12: 197, 1986 extranodal non-Hodgkin's lymphoma in the head and neck: irradiation and clinical course, Horiuchi J; Okuyama T; Matsubara S; et al, (Radiology), 150: 871,

influence of prior total body irradiation on the tissue distribution of mouse lymphoma/leukemia, Cobb LM; Butler SA, (Int) Radiat Oncol Biol Phys), 12: 83, 1986 lymphocyte subpopulations in Hodgkin's disease and non-Hodgkin's lymphoma and the effect of radiotherapy, Balasem AN; Barker CR, (Radiology), 156: 288, 1985 mechanism of total body irradiation in lymphoma, Rees GJG, (Radiology), 150: 872, 1984

multimodality therapy of favorable prognosis non-Hodgkin's lymphoma, Corder MP; Leimert JT; Tewfik HH; et al. (Radiology), 154: 573, 1985 non-Hodgkin's lymphoma: survey from a district general hospital, Mehta AB; Evans JPM; Kumaran TO; et al., (Clin Radiol), 37: 183, 1986 orbital lymphomas and pseudolymphomas: treatment with radiation therapy, Cordon PS; Juillard GJF; Selch MT; Parker RG; Fu Y-S, (Radiology), 159: 797, 1986

Parker RG; Fu Y-5, (Radiology), 159; 797, 1986
orbital tumor irradiation using non-coplanar beams, Harisiadis L; Schell MC;
Working KR; Justice T; Wessels BW;
Ling CC, (Radiology), 156; 823, 1985
paraocular lymphoid tumors, Mittal BB;
Deutsch M; Kennerdell JJ; Johnson B, (Radiology), 159; 793, 1986
prognostic factors in non-Hodgkin's lymphoma, Tubiana M; Carde P;
Burgers JMV; et al, (Int J Radiat Oncol Biol Phys), 12: 503, 1986
radiation therapy of lymphoblastic renal masses—benefit or hazard?, Saarinen UM, (Radiology), 155: 511, 1985
Lymphom\*, therapy appeara. 2 of the intact lymphomatous stomacı. following radiotherapy and chemotherapy, Libshitz HI; Lindell MM; Maor MH; et al. (Radiology), 156: 855, 1985
CNS involvement by non-Hodgkin's lymphoma: response to a standard theraputic noticel Ray L\* Siegal T

lymphoma: response to a standard therapeutic protocol, Raz I; Siegal T, (Radiology), **156**: 276, 1985

complications of treatment for Hodgkin's and non-Hodgkin's lymphoma, Jochel (Semin US CT MR), 6: 395, 1985

gastric lymphomas. clinical features, treatment, and prognosis, Thorling K, (Radiology), 155: 559, 1985

(Radiology), 193-397, 1993 prognostic indicators in diffuse large-cell (histiocytic) lymphoma, Todd MB; Portlock CS; Farber LR; et al, (Int J Radiat Oncol Biol Phys), 12: 593, 1986

Lymphoma, US studies

primary lymphoma of the ascending colon: sonographic demonstration, Parker LA; Vincent LM; Ryan FP; et al, (JCU), 14: 221,

1986
primary malignant lymphoma of the thyroid:
sonographic appearance, Parulekar SG;
Katzman RA, (JCU), 14: 60, 1986
sonography of abdominal posttransplant
lymphoma, Frick MP; Salomonowitz E;
Feinberg SB, (Radiology), 155: 862, 1985
spleen structure in Hodgkin disease:
ultrasonic characterization: work in
progress, Sommer FG; Hoppe RT;
Fellingham LL; Carroll BA; Solomon H;
Yousem S, (Radiology), 153: 219, 1984
ymphosarcoma

Lymphosarcoma See Sarcoma

Lymphoscintigraphy
See Lymphatic system, radionuclide studies

# M

Magnetic resonance (MR)

See also under names of organs and regions, such as Brain, MR studies

adoption and diffusion of a new imaging technology: a magnetic resonance imaging prospective, Hillman BJ; Winkler JD; Phelps CE; et al, (AJR), **143**: 913, 1984

advanced imaging techniques. volume 2 of modern neuroradiology, Newton TH; Potts DG, ed, Reviewed by Ekholm SE, (Radiology), 153: 144, 1984

agarose as a tissue equivalent phantom material for NMR imaging, Mitchell MD; Kundel HL; Axel L; et al, (Magn Res Imag), 4: 263, 1986

anatomic correlations of magnetic resonance anatomic correlations of magnetic resonance images with cadaver cryosections, Holliday J. Saxon R. Lufkin RB; Rauschning W. Reicher M; Bassett L; Hanafee W; Barbaric Z; Sarti D; Glenn W Jr., (Radiographics), 5: 887, 1985 anatomy and metabolism of the normal human

anatomy and metabolism of the normal hums brain studied by magnetic resonance at 1.5 Tesla, Bottomley PA; Hart HR Jr; Edelstein WA; Schenck JF; Smith LS; Leue WM; Mueller OM; Redington RW, (Radiology), 150: 441, 1984 artifacts from pulsatile flow in MR imaging, Perman WH; Moran PR; Moran RA; et al, (CAT) 10: 473, 1989;

(ICAT), 10: 473, 1986 basic principles of magnetic resonance imaging, Kramer DM, (Radiol Clin North Am), 22: 765, 1984

Caldwell Lecture: magnetic resonance imaging: its impact on diagnostic radiology, Steiner RE, (AJR), 145: 883, 1985

central thrombi in pulmonary arterial hypertension detected by MR imaging, Fisher MR; Higgins CB, (Radiology), 158: 223, 1986

clinician's view of the potential uses of nuclear magnetic resonance imaging in medicine, Negendank W, (Radiographics), 4: 171, 1924

common pharmaceuticals alter tissue proton NMR relaxation properties, Karlik SJ, (Magn Res Med), 3: 181, 1986

comparing costs and efficacy of MRI, Bradley WG Jr, (AJR), 146: 1307, 1986 diffusion of MRI: patterns of siting and ownership in an era of changing incentives, Hillman AL; Schwartz JS, (AJR), 146: 963,

digital computer: the role of functional imaging in radiology, Lasher JC;
Blumhardt R; Lancaster JL, (Radiology), 153:

economic and utilization analysis of magnetic resonance imaging units in the United States in 1985, Evens RG; Jost RG; Evens RG Jr. (AJR), 145: 393, 1985

economic costs of nuclear magnetic resonanc imaging, Evens RG, (Radiology), **154**: 281, 1985

effect of magnetic resonance imaging on DDD pacemakers, Erlebacher JA; Cahill PT; Pannizzo F; et al, (Radiology), **161**: 287, 1986

effects of nuclear magnetic resonance imagers on external and implantable pulse generators, Fetter J; Aram G; Holmes DR Jr; et al, (Radiology), **154**: 566,

how does magnetic resonance compare with computed tomography?, Murphy WA, (Radiology), 152: 235, 1984

human fetal anatomy: MR imaging, Weinreb JC; Lowe TW; Cohen JM; Kutler M, (Radiology), 157: 715, 1985

improved surface coil imaging in MR: decoupling of the excitation and receiver coils, Boskamp EB, (Radiology), 157: 449, 1985

influence of federal and state regulations on the acquisition and operation by hospitals of magnetic resonance imaging scanners, Bartlett SW, (Cardiovasc Intervent Radiol), 8: 394, 1986

influence of physiologic motion on the appearance of tissue in MR, Ehman RL; McNamara MT; Brasch RC; Felmlee JP; Gray JE; Higgins CB, (Radiology), 159: 777, 1986

intravascular contrast agents suitable for magnetic resonance imaging, Runge VM; Clanton JA; Herzer WA; Gibbs SJ; Price AC; Partain CL; James AE Jr, (Radiology), 153:

introduction: of men and magnets, Adams DF, (Cardiovasc Intervent Radiol), 8: 223, 1986

in vivo evaluation of intracellular pH and high-energy phosphate metabolites during regional myocardial ischemia in cats using <sup>31</sup>P nuclear magnetic resonance, Stein PD; Goldstein S; Sabbah HN; et al, (Magn Res Med), 3: 262, 1986

joint effusions: MR imaging, Beltran J; Noto AM; Herman LJ; Mosure JC; Burk JM; Christoforidis AJ, (Radiology), **158**: 133, 1986

kernspin-tomographie in der medizin, Wende S; Thelen M eds., Reviewed by Gothlin J, (Radiology), **152**: 112, 1984

localization of phosphorus metabolites and sodium ions in the rat kidney, Bogusky RT; Garwood M; Matson GB; et al, (Magn Res Med), 3: 251, 1986

magnetic field dependence of solvent proton relaxation rates induced by Gd<sup>3+</sup> and Mn<sup>2+</sup> complexes of various polyaza macrocyclic ligands: implications for NMR imaging, Geraldes CFGC; Sherry AD; Brown RD III; et al, (Magn Res Med), 3: 242, 1986

magnetic resonance imaging: improving patient tolerance and safety, Weinreb JC; Maravilla KR; Peshock R; et al, (AJR), 143:

magnetic resonance imaging in a routine clinical setting, Baker HL Jr; Berquist TH; Kispert DB; et al, (Radiology), **156**: 280, 1985

magnetic resonance imaging of postoperative patients with metallic implants, Mechlin M; Thickman D; Kressel HY; et al, (AJR), 143: 1281, 1984

†magnetic resonance imaging of prosthetic heart valves, Soulen RL; Budinger TF; Higgins CB, (Radiology), **154**: 705, 1985

magnetic resonance imaging of the pancreas, Stark DD; Moss AA, (Semin US CT MR), 5:

magnetic resonance imaging performance: comparison of sodium and hydrogen, Feinberg DA; Crooks LE; Kaufman L; Brant-Zawadzki M; Posin JP; Arakawa M; Watts JC; Hoenninger JC, (Radiology), **156**: 133, 1985

magnetic resonance installation: siting and economic considerations, Bradley WG Jr; Opel W; Kassabian JP, (Radiology), 151: 719, 1984

magnetic resonance without nuclear, Meaney TF, (Radiology), 150: 277, 1984

magnetic resonance without nuclei?, Edelstein WA; Bottomley PA, (Radiology), 152: 237, 1984

magnetic resonance without nuclei?: reply, Meaney TF, (Radiology), 152: 237, 1984

- microcomputer patient database management system for an MRI facility, Holshouser BA; Bradley WG Jr, (AJR), 146: 871, 1986
- modern imaging and endoscopic biopsy techniques in Egyptian mummies, Notman DNH; Tashjian J; Aufderheide AC; et al, (AJR), 146: 93, 1986
- modified saturation-recovery approximation for multiple spin-echo pulse sequences, Lee JN; Riederer SJ, (Magn Res Med), 3: 132, 1986
- monoclonal antibodies labeled with polymeric paramagnetic ion chelates, Shreve P; Aisen AM, (Magn Res Med), 3: 336, 1986
- MR imaging in patients with metallic implants, Laakman RW; Kaufman B; Han JS; Nelson AD; Clampitt M; O'Block AM; Haaga JR; Alfidi RJ, (Radiology), 157: 711, 1985
- MR imaging in radiation therapy planning: work in progress, Shuman WP; Griffin BW; Haynor DR; Johnson JS; Jones DC; Cromwell LD; Moss AA, (Radiology), 156:
- MR imaging of fat, Dooms GC; Hricak H; Margulis AR; de Geer G, (Radiology), 158: 51, 1986
- MR imaging of the dilated biliary tract, Dooms GC; Fisher MR; Higgins CB; Hricak H; Goldberg HI; Margulis AR, (Radiology), 158: 337, 1986
- MR imaging of the liver using short T1 inversion recovery sequences, Bydder GM; Steiner RE; Blumgart LH; et al, (JCAT), 9:
- MR imaging technology: maximizing the signal-to-noise ratio from a single tissue, Hendrick RE; Newman FD; Hendee WR, (Radiology), 156: 749, 1985
- MR imaging with surface coils, Ehman RL, (Radiology), 157: 549, 1985
- (Radiology), 197-1949, 1960 multiplane magnetic resonance imaging of the heart and major vessels: studies in normal volunteers, Higgins CB; Stark DD; McNamara M; et al. (AJR), 142: 661, 1984
- NMR in medicine, Bottomley PA, (Radiology), 153: 858, 1984
- nuclear magnetic resonance and correlative imaging modalities, Partain CL, ed, Reviewed by Griffiths HJ, (Radiology), **152**: 478, 1984
- Partain CL; Price RR; Patton JA; et al, (Radiographics), 4: 5, 1984
- nuclear magnetic resonance imaging of CT-isodense subdural hematomas, Moon KL Jr; Brant-Zawadzki M; Pitts LH; et al, (AJNR), 5:
- nuclear magnetic resonance imaging-presenstatus, Margulis AR, (Radiology), 150: 864, 1984
- nuclear magnetic resonance (NMR) imaging, Partain CL; James AE Jr; Rollo FD; Price RR, Reviewed by Boxt LM, (Radiology), **151**: 134,
- blood flow imaging, Mills CM; Brant-Zawadzki M; Crooks LE; et al, (AJR), 142: 165, 1984
- 165, 1984
  oblique planes of section in MR imaging,
  Edelman RR; Stark DD; Saini S;
  Ferrucci JT Jr; Dinsmore RE; Ladd W;
  Brady TJ (Radiology), 159: 809, 1986
  oblique views of the heart by magnetic
  resonance imaging, Murphy WA;
  Gutierrez FR; Levitt RG; Glazer HS; Lee JKT,
  (Radiology), 154: 225, 1985
- (Radiology), 134: 227, 1376 obstetrical magnetic resonance imaging: fetal anatomy, McCarthy SM; Filly RA; Stark DD; Hricak H; Brant-Zawadzki M; Callen PW; Higgins CB, (Radiology), 154: 427, 1985
- obstetrical magnetic resonance imaging: maternal anatomy, McCarthy SM; Stark DD; Filly RA; Callen PW; Hricak H; Higgins CB, (Radiology), 154: 421, 1985
- (Radiology), 194: 421, 1965
  optimization of signal-to-noise ratio in
  calculated T<sub>1</sub> images derived from two spinecho images, Prato FS; Drost DJ;
  Keys T; et al, (Magn Res Med.), 3: 63, 1986
  orientation of magnetic resonance images,
  Axel L, (Radiology), 151: 534, 1984
- overview: current status of clinical magnetic resonance imaging, Margulis AR, (Radiographics), 4: 76, 1984
- perceived clinical value of NMR measurements on biopsy specimens. part I. interval estimates of diagnostic error rates and a note on an effect of the law of small numbers, Herbert DE, (Magn Res Imag), 4: 215, 1986

- present and future clinical position of magnetic resonance imaging, Steiner RE, (Magn Res Med), 3: 473, 1986
- principles of nuclear magnetic resonance imaging, Harms SE; Morgan TJ; Yamanashi WS; et al, (Radiographics), 4: 26,
- pulmonary embolus: detection and follow-up using magnetic resonance, Moore EH; Gamsu G; Webb WR; Stulbarg MS, (Radiology), 153: 471, 1984
- pulse sequence and significance, Pavlicek W; Modic MT; Weinstein MA, (Radiographics), 4: 49, 1984
- pulse sequences and contrast in magnetic resonance imag;ng, Ziedses des Plantes BG Jr, Falke THM; den Boer JA, (Radiographics), 4: 869, 1984
- shunts for portal hypertension: MR and angiography for determination of patency, Bernardino ME; Steinberg HV; Pearson TC; Gedgaudas-McClees RK; Torres WE; Henderson JM, (Radiology), 158: 57, 1986
- signal, noise, and contrast in nuclear magnetic resonance (NMR) imaging, Edelstein WA; Bottomley PA; Hart HR; et al, (Radiology), 150: 864, 1984
- status of MRI in 1986: rates of adoption in the United States and worldwide, Steinberg EP, (AJR), 147: 453, 1986
- surface coil MR imaging of abdominal viscera. I. theory, technique, and initial results, Edelman RR; McFarland E; Stark DD; Ferrucci JT Jr; Simeone JF; Wismer G; White EM; Rosen BR; Brady TJ, (Radiology), 157: 425, 1985
- systems components for consideration in purchasing an NMR imager, Droege RT; Ekstrand KE; Coffey CW II, (Radiographics),
- temporomandibular joint: magnetic resonance imaging using surface coils, Harms SE; Wilk RM; Wolford LM; Chiles DG; Milam SB, (Radiology), 157: 133, 1985
- tour through the FDA, NCDRH, IDE, PMA, and IRB NMR maze, Gray JE; Phillips RA; Schenck J; Wagner LK, Reviewed by Froelich JW, (Radiology), 152: 102, 1984
- verification and evaluation of internal flow and motion: true magnetic resonance imaging by the phase gradient modulation method, Moran PR, Moran RA; Karstaedt N, (Radiology), 154: 433, 1985
- vitalism and proton relaxation, Wolf GL, (Invest Radiol), 21: 427, 1986

# Magnetic resonance (MR), artifact

- artifacts in MR imaging after surgical intervention, Heindel W; Friedmann G; Bunke J; et al, (JCAT), **10**: 596, 1986
- boundary artifact in inversion-recovery images, Droege RT; Adamczak SM, (Magn Res Med), 3: 126, 1986
- magnetic resonance imaging artifacts: mechanism and clinical significance, Pusey E; Lufkin RB; Brown RKJ; Solomon MA; Stark DD; Tarr RW; Hanafee WN, (Radiographics), 6: 891, 1986

# Magnetic resonance (MR), biological effects

- are quenches dangerous?, Bore PJ; Galloway GJ; Styles P; et al, (Magn Res Med), 3: 112, 1986
- biologic effects and potential hazards of nuclear magnetic imaging, Adams DF, (Cardiovasc Intervent Radiol), 8: 260, 1986
- effect of a 1.5 T static magnetic field on body temperature of man, Shellock FG; Schaefer DJ; Gordon CJ, (Magn Res Med), 3:
- magnetic resonance and ionizing radiation: a comparative evaluation in vitro of comparative evaluation in with on oncogenic and genotoxic potential, Geard CR; Osmak RS; Hall EJ; Simon HE; Maudsley AA; Hilal SK, (Radiology), 152: 199, 1984
- magnetic resonance imaging: absence of in vitro cytogenetic damage, Wolff S; James TL; Young GB; Margulis AR; Bodycote J; Afzal V, (Radiology), 155: 163, 1985
- methodology of in vivo human sodium MR imaging at 1.5 T, Perman WH; Turski PA; Houston LW; Glover GH; Hayes CE, (Radiology), 160: 811, 1986
- MR effect on murine spermatogenesi Withers HR; Mason KA; Davis CA, (Radiology), 156: 741, 1985

on the thermoregulatory consequences of NMR imaging, Adair ER; Berglund LG, (Magn Res Imag), 4: 321, 1986

### Magnetic resonance (MR), chemical shift

- anatomy and metabolism of the normal human natomy and metabolism of the normal huma brain studied by magnetic resonance at 1.5 Tesla, Bottomley PA; Hart HR Jr; Edelstein WA; Schenck JF; Smith LS; Leue WM; Mueller OM. Redington RW, (Radiology), 150: 441, 1984
- boundary effects from opposed magnetization artifact in IR images, Hears len DO; Ellis JH; Carson PL; Shreve P; Aiser AM, (Radiology), 160: 543, 1986
- chemical shift artifact in clinical magnetic resonance images at 0.35 T, Weinreb JC; Brateman L; Babcock EE; et al, (AJR), 145: 183, 1985
- chemical shift imaging of bone marrow: preliminary experience, Wismer GL; Rosen BR; Buxton R; et al, (AJR), 145: 1031,
- chemical shift imaging: review, Brateman L, (AJR), 146: 971, 1986
- chemical shift misregistration effect in magnetic resonance imaging, Soila KP; Viamonte M Jr; Starewicz PM, (Radiology), 153: 819, 1984
- chemical shift selective magnetic resonance imaging using a whole-body magnet, Frahm J; Haase A; Hanicke W; Matthaei D; Bonsdorf H; Helzel T, (Radiology), 156: 441,
- edge artifacts in MR images: chemical shift effect, Babcock EE; Brateman L; Weinreb JC; et al, (JCAT), 9: 252, 1985
- frequency shift artifacts in MR imaging, Dwyer AJ; Knop RH; Hoult DI, (JCAT), 9: 16, 1985
- liver metastases: detection by phase-contrast MR imaging, Stark DD; Wittenberg J; Middleton MS; Ferrucci JT Jr, (Radiology), 158: 327, 1986
- MR imaging of the optic nerve and sheath: correcting the chemical shift misregistration effect, Daniels DL; Kneeland JB; Shimakawa A; et al., (AJNR), 7: 249, 1986
- multiple chemical shift selective (CHESS) MR imaging using stimulated echoes, Matthaei D; Haase A; Frahm J; Bomsdorf H; Vollmann W, (Radiology), 160: 791, 1986
- NMR studies of combined lanthanide shift and relaxation agents for differential characterization of <sup>23</sup>Na in a two-compartment model system, Brown MA; Stenzel TT; Ribeiro AA; et al, (Magn Res Med), 3: 289, 1986
- pituitary fossa: chemical shift effect in MR imaging, Haughton VM; Prost R, (Radiology), 158: 461, 1986
- proton chemical shift imaging: evaluation of its clinical potential using an in vivo fatty liver model, Rosen BR; Carter EA; Pykett IL; Buchbinder BR; Brady TJ, (Radiology), 154: 469, 1985
- separation of true fat and water images by correcting magnetic field inhomogeneity in situ, Yeung HN; Kormos DW, (Radiology), 159: 783, 1986
- spin echo chemical shift MR imaging technique, Joseph PM, (JCAT), 9: 651, 1985

# Magnetic resonance (MR), comparative studies acoustic neuromas: Gd-DTPA enhancement in

- MR imaging, Curati WL; Graif M; Kingsley DPE; Niendorf HP; Young IR, (Radiology), **158**: 447, 1986
- arteriovenous malformations of the extremities: MR imaging, Cohen JM; Weinreb JC; Redman HC, (Radiology), **158**:
- sessment of primary gynecologic malignancies: comparison of 0.15-T resistive MRI with CT, Bies JR; Ellis JH; Kopecky KK; et al, (AJR), 143: 1249, 1984
- vascular necrosis of the femoral head: morphologic assessment by MR imaging, with CT correlation, Mitchell DG; Kressel HY; Arger PH; Dalinka MK; Spritzer CE; Steinberg ME, (Radiology), 161: 739, 1986 avascular necrosis of the femoral head:
- blinded clinical comparison of MR imaging and CT in neuroradiology, Haughton Rimm AA; Sobocinski KA; Papke RA; Daniels DL; Williams AL; Lynch R; Levine R, (Radiology), **160**: 751, 1986

# Magnetic resonance (MR), comparative studies

- carcinomatous involvement of the hilum and mediastinum: computed tomographic and magnetic resonance evaluation, Heelan RT; Martini N; Westcott JL; Bains MS; Watson RC; Caravelli JF; Berkman YM; Henschke CI; McCormack PM; McCaughan BC; Zaman MB, (Radiology), 156: 111, 1985
- cerebral magnetic resonance: comparison of high and low field strength imaging, Bilaniuk LT; Zimmerman RA; Wehrli FW; Coldberg HI; Grossman RI; Bottomley PA; Edelstein WA; Glover GH; MacFall JR; Redington RW; Kressel HY, (Radiology), 153: 409, 1984
- cerebral venous angiomas: MR imaging, Augustyn CT; Scott JA; Olson E; Gilmor RL; Edwards MK, (Radiology). 156: 391, 1985 choroidal melanomas: correlation of NMR
- choroidal melanomas: correlation of NMR spectroscopy and MR imaging, Gomori JM; Grossman RI; Shields JA; Augsburger JJ; Joseph PM; DeSimeone D, (Radiology), **158**: 443, 1986
- chronic subdural hematoma demonstration by magnetic resonance, Sipponen JT; Sepponen RE; Sivula AS, (Radiology), **150**: 79, 1984
- comparison of CT and MR in 400 patients with suspected disease of the brain and cervical spinal cord, Bradley WG Jr; Waluch V; Yadley RA; Wycoff RR, (Radiology), 152: 695, 1984
- comparison of magnetic resonance imaging and ultrasonography in the evaluation of abdominal aortic aneurysms, Amparo EG; Hoddick WK; Hricak H; Sollitto R; Justich E; Filly RA; Higgins CB, (Radiology), 154: 451, 1985
- comparison of MR relaxation times and x-ray attenuation coefficients of focal brain lesions, Borrello JA; Aisen AM; Gebarski SS, (JCAT), 9: 1062, 1985
- cryptic structural lesions in refractory partial epilepsy. MR imaging and CT studies, Ormson MJ; Kispert DB; Sharbrough FW; Houser OW; Earnest F IV; Scheithauer BW; Laws ER Ir, (Radiology), 160: 215, 1986 diagnosis of small hepatocellular carcinoma:
- diagnosis of small hepatocellular carcinoma: correlation of MR imaging and tumor histologic studies, Ebara M; Ohto M; Watanabe Y; Kimura K; Saisho H; Tsuchiya Y; Okuda K; Arimizu N; Kondo F; Ikehira H; Fukuda N; Tateno Y, (Radiology), 159: 371, 1986
- ejection fraction determination by MR imaging; comparison with left ventricular angiography, Stratemeier Ej; Thompson R; Brady TJ; Miller SW; Saini S; Wismer GL; Okada RD; Dinsmore RE, (Radiology), **158**: 775, 1986
- head trauma evaluated by magnetic resonance and computed tomography: a comparison, Han JS, Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR; El Yousef SJ; Clampitt ME; Bonstelle CT; Huss RG, (Radiology), **150**: 71, 1984
- how does magnetic resonance compare with computed tomography?, Murphy WA, (Radiology), 152: 235, 1984
- human brain infarcts: imaging by MR enhanced Gd-DTPA, Virapongse C; Mancuso AA; Quisling RG, (Radiology), **161**: 785, 1986
- lipomatous tumors and tumors with fatty component: MR imaging potential and comparison of MR and CT results, Dooms GC; Hricak H; Sollitto RA; Higgins CB, (Radiology), 157: 479, 1985
- magnetic resonance imaging in obstetric diagnosis, Weinreb JC: Lowe TW; Santos-Ramos R; Cunningham FG; Parkey R, (Radiology), 154: 157, 1985
- magnetic resonance imaging in the diagnosis and staging of renal and perirenal neoplasms, Hricak H; Demas BE; Williams RD; McNamara MT; Hedgcock MW; Amparo EG; Tanagho EA, (Radiology), 154: 709, 1985
- magnetic resonance imaging of abdominal and pelvic lymphadenopathy, Lee JKT; Heiken JP; Ling D; Glazer HS; Balfe DM; Levitt RG, Dixon WT; Murphy WA, (Radiology), 153: 181, 1984
- magnetic resonance imaging of pituitary lesions using 1.0 to 1.5 T field strength, Bilaniuk LT, Zimmerman RA, Wehrli FW; Snyder PJ; Goldberg HI; Grossman RI; Bottomley PA; Edelstein WA; Glover GH; MacFall JR; Redington RW, (Radiology), 153: 415, 1984

- magnetic resonance imaging of the adrenal glands: comparison with computed tomography, Schultz CL; Haaga JR; Fletcher BD; et al, (AJR), 143: 1235, 1984
- magnetic resonance imaging of the nasopharynx, Dillon WP; Mills CM; Kjos BO; DeGroot J; Brant-Zawadzki M, (Radiology), 152: 731, 1984
- magnetic resonance imaging of the optic nerves and chiasm, Daniels DL; Herfkens RJ; Gager WE; Meyer GA; Koehler PR; Williams AL; Haughton VM, (Radiology), 152: 79, 1984
- magnetic resonance of the brain: the optimal screening technique, Brant-Zawadzki M; Norman D: Newton TH; Kelly WM; Kjos BO; Mills CM; Dillon W; Sobel D; Crooks LE, (Radiology), 152: 71, 1984
- magnetic resonance of the chest: initial experience with imaging and in vivo T1 and T2 calculations, Ross 15; O'Donovan PB; Novoa R; Mehta A; Buonocore E; MacIntyre WJ; Golish JA; Ahmad M, (Radiology), 152: 95, 1984
- MR imaging of the breast: comparison with mammography and ultrasound, Heywang SH; Fenzl G; Hahn D; et al, (JCAT), 10: 615, 1986
- multiple sclerosis: gadolinium enhancement in MR imaging, Grossman RJ; Gonzalez-Scarano F; Atlas SW; Galetta S; Silberberg DH, (Radiology), 161: 721, 1986
- multiple system atrophy (Shy-Drager syndrome): MR imaging, Pastakia B; Polinsky R; Di Chiro G; Simmons JT; Brown Ř; Wener L, (Radiology), **159**: 499, 1986
- nuclear magnetic resonance imaging of the hilum and mediastinum: a comparison with CT and hilar tomography, Berquist TH; Brown LR, (Radiographics), 4: 151, 1984
- ocular and orbital lesions: surface coil MR imaging, Bilaniuk LT; Schenck JF; Zimmerman RA; Hart HR Jr; Foster TH; Edelstein WA; Goldberg HI; Grossman RI, (Radiology), 156: 669, 1985
- osteomyelitis in children: detection by magnetic resonance, Fletcher BD; Scoles PV; Nelson AD, (Radiology), **150**: 57, 1984
- patients with partial seizures: evaluation by MR, CT, and PET imaging, Latack JT; Abou-Khalil BW; Siegel GJ; Sackellares JC; Gabrielsen TO; Aisen AM, (Radiology), **159**: 159, 1986
- pelvic masses in pregnant patients: MR and US imaging, Weinreb JC; Brown CE; Lowe TW; Cohen JM; Erdman WA, (Radiology), 159: 717, 1986
- peripheral vascular disease: correlation of MF imaging and angiography, Wesbey GE; Higgins CB; Amparo EG; Hale JD; Kaufman L; Pogany AC, (Radiology), 156: 733, 1985
- polycystic ovaries: MR imaging, Mitchell DG; Gefter WB; Spritzer CE; Blasco L; Nulson J; Livolsi V; Axel L; Arger PH; Kressel HY, (Radiology), **160**: 425, 1986
- primary intracranial tumor imaging: a comparison of magnetic resonance and CT, Brant-Zawadzki M; Badami JP; Mills CM; Norman D; Newton TH, (Radiology), 150: 435. 1984.
- tongue and oropharynx: findings on MR imaging, Lufkin RB; Wortham DG; Dietrich RB; Hoover LA; Larsson SG; Kangarloo H; Hanafee WN, (Radiology), 161: 69, 1986
- vascular imaging with MRI: inadequacy in Takayasu's arteritis compared with angiography, Miller DL; Reinig JW; Volkman DJ, (AJR), 146: 949, 1986

### Magnetic resonance (MR), contrast enhancement

- reconstruction algorithm and selection of TI in inversion recovery MRJ, Moran PR; Kumar NG; Karstaedt N; et al, (Magn Res Imag), 4: 229, 1986
- Magnetic resonance (MR), contrast media
- acoustic neuromas: Gd-DTPA enhancement in MR imaging, Curati WL; Graif M; Kingsley DPE; Niendorf HP; Young IR, (Radiology), **158**: 447, 1986
- acute myocardial ischemia: magnetic resonance contrast enhancement with gadolinium-DTPA, McNamara MT; Higgins CB; Ehman RL; Revel D; Sievers R; Brasch RC, (Radiology), 153: 157, 1984

- appearance of Pantopaque on MR images, Mamourian AC; Briggs RW, (Radiology), 158: 457, 1986
- brain tumors: MR imaging with gadolinium-DTPA, Felix R; Schorner W; Laniado M; Niendorf H-P; Claussen C; Fiegler W; Speck U, (Radiology), 156: 681, 1985
- characteristics of gadolinium-DTPA complex: a potential NMR contrast agent, Weinmann H-J; Brasch RC; Press W-R; et al, (AJR), 142: 619, 1984
- contrast-enhanced MR imaging of malignant brain tumors, Graif M; Bydder GM; Steiner RE; et al, (AJNR), 6: 855, 1985
- contrast-enhanced MRI of periarticular softtissue changes in experimental arthritis of the rat, Terrier F; Revel D; Reinhold CE; et al, (Magn Res Med), 3: 385,
- contrast-enhanced NMR imaging: animal studies using gadolinium-DTPA complex, Brasch RC; Weinmann H-J; Wesbey GE, (AJR), 142: 625, 1984
- cranial tissues: normal MR appearance after intravenous injection of Gd-DTPA, Kilgore DP; Breger RK; Daniels DL; Pojunas KW; Williams AL; Haughton VM, (Radiology), 160: 757, 1986
- differentiation of reversible and irreversible myocardial injury by MR imaging with and without gadolinium-DTPA. McNamara MT; Tscholakoff D; Revel D; Soulen RL; Schechtmann N; Botvinick EH; Higgins CB, (Radiology), 158: 765, 1986
- (kaulousy), 198: 705, 1986 diradical nitroxyl spin label contrast agents for magnetic resonance imaging: comparison of relaxaton effectiveness, Ehman RL; Brasch RC; McNamara MT; et al, (Invest Radiol), 21: 125, 1986
- effect of gadolinium-DTPA on the magnetic relaxation times of normal and infarcted myocardium, Wesbey GE; Higgins CB; McNamara MT; Engelstad BL; Lipton MJ; Sievers R; Ehman RL; Lovin J; Brasch RC, (Radiology), 153: 165, 1984
- enhancement of red blood cell proton relaxation with chromium labeling, Eisenberg AD; Conturo TE; Mitchell MR; et al, (Invest Radiol), 21: 137, 1986
- evaluation of contrast-enhanced MR imaging in a brain-abscess model, Runge VM; Clanton JA; Price AC; et al, (AJNR), 6: 139, 1985
- experimental intracranial septic infarction: magnetic resonance enhancement, Grossman RI, Joseph PM; Wolf G; Biery D; McGrath J; Kundel HL; Fishman JE; Zimmerman RA; Goldberg HI; Bilaniuk LT, (Radiology), 155: 649, 1985
- fast-field-echo MR imaging with Gd-DTPA: physiologic evaluation of the kidney and liver, Pettigrew RI; Avruch L; Dannels W; Coumans J; Bernardino ME, (Radiology), 160: 561, 1986
- ferromagnetic contrast agents: new approach, Renshaw PF; Owen CS; McLaughlin AC; et al, (Magn Res Med), 3: 217, 1986
- ferromagnetic particles as contrast agents for magnetic resonance imaging of liver and spleen, Dias MHM; Lauterbur PC, (Magn Res Med), 3: 328, 1986
- gadolinium-DTPA as a contrast agent in MRI: initial clinical experience in 20 patients, Carr DH; Brown J; Bydder GM; et al, (AJR), 143: 215, 1984
- gadolinium-DTPA as a contrast agent in MR imaging—theoretical projections and practical observations, Gadian DG; Payne JA; Bryant DJ; et al, (JCAT), 9: 242, 1985
- gadolinium-DTPA in the assessment of liver tumours by magnetic resonance imaging, Carr DH; Graif M; Niendorf HP; et al, (Clin Radiol), 37: 347, 1986
- Gd-DTPA contrast enhancement and tissue differentiation in MR imaging of experimental breast carcinoma, Revel D; Brasch RC; Paajanen H; Rosenau W; Grodd W; Engelstad B; Fox P; Winkelhake J, (Radiology), 158: 319, 1986
- Gd-DTPA in clinical MR of the brain: 1. intraaxial lesions, Brant-Zawadzki M; Berry I; Osaki L; et al, (AJNR), 7: 781, 1986
- Gd-DTPA in clinical MR of the brain: 2. extraaxial lesions and normal structures, Berry 1; Brant-Zawadzki M; Osaki L; et al, (AINR), 7: 789, 1986

- hemodynamic effects of rapid and slow infusions of manganese chloride and gadolinium-DTPA in dogs, Slutsky RA; Peterson T; Strich G; Brown JJ, (Radiology), 154: 733, 1985
- human brain infarcts: imaging by MR enhanced Gd-DTPA, Virapongse C; Mancuso AA; Quisling RG, (Radiology), 161:
- hypoxia-sensitive NMR contrast agents, Swartz HM; Chen K; Pals M; et al, (Magn Res Med), 3: 169, 1986
- ideal imaging in MR: contrast-enhancing pharmaceuticals. evaluation of tempo carboxilic acid as nitroxide diagnostic agent, Lamarque JJ.; Almes C; Rouanet JP; et al, (Eur J Radiol), 6: 48, 1986
- immunospecific NMR contrast agents, Renshaw PF; Owen CS; Evans AE; et al, (Magn Res Imag), 4: 351, 1986
- intravascular contrast agents suitable for magnetic resonance imaging, Runge VM; Clanton JA; Herzer WA; Gibbs 5J; Price AC; Partain CL; James AE Jr, (Radiology), 153:
- iron and gadolinium chelates as contrast agents in NMR imaging: preliminary studies, Carr DH; Brown J; Leung AW-L; et al, (Radiology), 154: 858, 1985
- liposome delivery of NMR contrast agents for improved tissue imaging, Magin RL; Wright SM; Niesman MR; et al, (Magn Res Med), 3: 440, 1986
- MR characteristics of iophendylate (Pantopaque), Hackney DB; Grossman RI; Zimmerman RA; et al, (JCAT), 10: 401, 1986
- MR imaging of the breast using gadolinium-DTPA, Heywang SH; Hahn D; Schmidt H; et al, (JCAT), 10: 199, 1986
- nuclear magnetic resonance contrast agents for proton imaging, Wolf GL; Baum S, (Radiographics), 4: 66, 1984
- optimal pulsing sequences for MR contrast agents, Wolf GL; Joseph PM; Goldstein EJ, (AJR), 147: 367, 1986
- paramagnetic macrocyclic complexes as contrast agents for MR imaging; proton nuclear relaxation rate enhancement in aqueous solution and in rat tissues, Jackels SC; Kroos BR, Hinson WH; Karstaedt N; Moran PR, (Radiology), 159: 525, 1082 525, 1986
- pulse sequence optimization for MR imaging using a paramagnetic hepatobiliary contrast agent, Greif WL; Buxton RB; Lauffer RB; Saini S; Stark DD; Wedeen VJ; Rosen BR; Brady TJ, (Radiology), 157: 461, 1985
- relaxation enhancement using liposomes carrying paramagnetic species, Caride VJ; Sostman HD; Winchell RJ; et al, (Radiology),
- tissue distribution and magnetic resonance spin lattice relaxation effects of gadolinium-DTPA, Strich G; Hagan PL; Gerber KH; Slutsky RA, (Radiology), 154: 723, 1985

# Magnetic resonance (MR), experimental

- acute experimental cerebral ischemia: MR tute experimental cerebral ischemia: MR enhancement using Gd-DTPA, McNamara MT; Brant-Zawadzki M; Berry I; Pereira B; Weinstein PR; Derugin N; Moore S; Kucharczyk W; Brasch RC, (Radiology), 158: 701, 1986
- acute myocardial ischemia: magnetic resonance contrast enhancement with gadolinium-DTPA, McNamara MT; Higgins CB; Ehman RL; Revel D; Sievers R; Brasch RC, (Radiology), 153: 157, 1984
- behavioral effects of exposure to nuclear magnetic resonance imaging: I open-field behavior and passive avoidance learning in rats, Ossenkopp K-P; Innis NK; Prato FS; et al, (Magn Res Imag), 4: 275, 1986
- behavioral effects of exposure to nuclear magnetic resonance imaging: II. spatial memory tests, Innis NK; Ossenkopp K-P; Prato FS; et al, (Magn Res Imag), 4: 281, 1986
- blood flow: magnetic resonance imaging, Bradley WG Jr; Waluch V, (Radiology), **154**: 443, 1985
- breast and axillary tissue MR imaging: correlation of signal intensities and relaxation times with pathologic findings, Wiener JJ: Chako AC; Merten CW; Gross S; Coffey EL; Stein HL, (Radiology), 160: 299, 1986.

- cardiac transplantations in dogs: evaluation with MR, Tscholakoff D; Aherne T; Yee ES; Derugin N; Higgins CB, (Radiology), 157: 697, 1985
- changes in proton relaxation times of the rat spleen during adjuvant-induced immunologic reaction, Terrier F; Revel D; Hricak H; et al, (Invest Radiol), **21**: 221, 1986
- comparison of in vivo <sup>31</sup>P-MR spectra of the brain, liver, and kidney of adult and infant animals, Schmidt HC; Gooding CA; James TL; et al, (Pediatr Radiol), **16**: 144,
- contiguous thin multisection MR imaging by two-dimensional Fourier transform Hoeninger JC; Watts JC; Arakawa M; Chang H; Kaufman L, (Radiology), **158**: 811,
- contrast-enhanced MRI of periarticular softtissue changes in experimental arthritis of the rat, Terrier F; Revel D; Reinhold CE; et al, (Magn Res Med), 3: 385,
- contrast enhancement of magnetic resonance images by chromium EDTÅ: an experimental study, Runge VM; Foster MA; Clanton JA; Jones MM; Lukehart CM; Hutchison JMS; Mallard JR; Smith FW; Partain CL; James AE Jr, (Radiology), 152: 123, 1984
- covalent binding of a fluorinated 2-nitroimidazole to EMT-6 tumors in BALB/C mice: detection by F-19 nuclear magnetic resonance at 2.35 T, Raleigh JA; Franko AJ; Treiber EO; et al, (Int J Radiat Oncol Biol Phys), 12: 1243, 1986
- dedicated MR receiver coils: simple design and construction method, Wall BE; Wolfman NT; Williams R; Moran PR, (Radiology), 160: 273,
- differentiation of parenchymal lung disorders with in vitro proton nuclear magnetic resonance, Vinitski S; Pearson MG; Karlik SJ; et al, (Magn Res Med), 3: 120, 1986
- dynamic digital subtraction imaging using fast low-angle shot MR movie sequences, Haase A; Matthaei D: Hanicke W; Frahm J, (Radiology), 160: 537, 1986
- effect of gadolinium-DTPA on the magnetic relaxation times of normal and infarcted myocardium, Wesbey GE; Higgins CB; McNamara MT; Engelstad BL; Lipton MJ; Sievers R; Ehman RL; Lovin J; Brasch RC, (Radiology), 153: 165, 1984
- effect of intersection spacing on MR image contrast and study time, Kneeland IB; Shimakawa A; Wehrli FW, (Radiology), 158: 819, 1986
- effect of motion on two-dimensional Fourier transformation magnetic resonance images, Schultz CL; Alfidi RJ; Nelson AD; Kopiwoda SY; Clampitt ME, (Radiology), 152: 117, 1984
- effect of oxygen tension on NMR spin-lattice relaxation rate of blood in vivo, Tripathi A; Bydder GM; Hughes JMB; et al, (Radiology),
- effect of stress on proton relaxation times (T1 and T2) of rat liver, Chandra R; Pizzarello DJ, (Invest Radiol), **21**: 652, 1986
- effects of mitotic activity and water content on the proton relaxation times in partially hepatectomized and sham-operated rat livers, Pizzarello DJ; Chandra R, (Invest Radiol), 21: 320, 1986
- experimental pulmonary emboli detected using magnetic resonance, Gamsu G; Hirji M; Moore EH; Webb WR; Brito AC, (Radiology), **153**: **46**7, 1984
- frequency dependence of magnetic resonance spin-lattice relaxation of protons in biological materials, Fullerton GD; Cameron IL; Ord VA, (Radiology), **151**: 135,
- gross morphologic, histologic, hematologic, and blood chemistry study of adult and neonatal mice chronically exposed to high magnetic fields, Osbakken MD; Griffith ]; Taczanowsky P, (Magn Res Med), 3: 502, 1986
- high-resolution proton nuclear magnetic resonance analysis of metastatic cancer cells, Mountford CE; Wright LC; Holmes KT; et al, (Radiology), 156: 862, 1985

- <sup>1</sup>H-NMR relaxation times and water compartmentalization in experimental tumor models, Braunschweiger PG; Schiffer LM; Furmanski P, (Magn Res Imag),
- influence of NMR measuring sequences and gradient variation on signals from flowing systems. magnetic resonance tomography on experimental models, Strecker E-P; Holz M; Meyer-Waarden K; et al, (Eur J Radiol), 6: 53, 1986
- in vivo evaluation of intracellular pH and highn vivo evaluation of intracellular pH and high energy phosphate metabolites during regional myocardial ischemia in cats using <sup>31</sup>P nuclear magnetic resonance, Stein PD; Goldstein S; Sabbah HN; et al, (Magn Res Med), 3: 262, 1986
- in vivo <sup>19</sup>F NMR imaging, McFarland E; Koutcher JA; Rosen BR; et al, (JCAT), 9: 8, 1985
- in vivo measurements of NMR relaxation times, Kroeker RM; McVeigh ER; Hardy P; et al, (Radiology), 156: 862, 1985
- in vivo MR spectroscopy of human subjects with a 1.4-T whole-body MR imager, Ng TC; Majors AW; Meany TF, (Radiology), 158: 517, 1986
- in vivo <sup>31</sup>P-MR spectroscopy of the liver in the infant rabbit to study the effect of hypoxia on the phosphorus metabolites and intracellular pH, Schmidt HC; Gooding CA; James TL, (Invest Radiol), 21: 156, 1986
- in vivo <sup>31</sup>P NMR studies of avian dystrophic muscles, Narayana PA; Delayre JL; Misra LK, (Magn Res Med), 3: 549, 1986
- in vivo <sup>31</sup>P NMR study of cerebral hypoxic hypoxia in rats, Litt L; Gonzalez-Mendez R; Weinstein PR; et al. (Magn Res Med), **3:** 619,
- iron and gadolinium chelates as contrast agents in NMR imaging: preliminary studies, Carr DH; Brown J; Leung AW-L; et al, (Radiology), **154**: 858, 1985
- iron-EHPG as an hepatobiliary MR contrast agent: initial imaging and biodistribution studies, Lauffer RB; Greif WL; Stark DD; et al, (JCAT), 9: 431, 1985
- joint effusions: MR imaging, Beltran J; Noto AM; Herman LJ; Mosure JC; Burk JM; Christoforidis AJ, (Radiology), **158**: 133, 1986
- localization of phosphorus metabolites and sodium ions in the rat kidney, Bogusky RT; Garwood M; Matson GB; et al, (Magn Res Med), 3: 251, 1986
- magnetic field dependence (NMRD profile) of 1/T1 of rabbit kidney medulla and urine after intravenous injection of Gd(DTPA), Koenig SH, Spiller M, Brown RD III; et al, (Invest Radiol), 21: 697, 1986
- magnetic resonance and ionizing radiation: a comparative evaluation in vitro of oncogenic and genotoxic potential, Geard CR; Osmak RS; Hall EJ; Simon HE; Maudsley AA; Hilal SK, (Radiology), 152: 199, 1984
- magnetic resonance angiography, Dumoulin CL; Hart HR Jr, (Radiology), **161**: 717, 1986
- magnetic resonance evaluation of hydronephrosis in the dog, Thickman DI; Kundel HL; Biery D, (Radiology), 152: 113,
- magnetic resonance imaging and spectroscopy of hepatic iron overload, Stark DD; Moseley ME; Bacon BR; Moss AA; Goldberg HI; Bass NM; James TL, (Radiology), **154**: 137, 1985
- magnetic resonance imaging following unilateral occlusion of the renal circulation in rabbits, Yuasa Y; Kundel HL, (Radiology), 154: 151, 1985
- magnetic resonance imaging in the diagnosis of breast disease: use of transverse relaxation times, McSweeney MB; Small WC; Cerny V; Sewell W; Powell RW; Goldstein JH, (Radiology), 153: 741, 1984
- magnetic resonance imaging performance: comparison of sodium and hydrogen, Feinberg DA; Crooks LE; Kaufman L; Brant-Zawadzki M; Posin JP; Arakawa M; Watts JC; Hoenninger JC, (Radiology), 156: 133, 1985
- magnetic resonance signal intensity patterns obtained from continuous and pulsatile flow models, George CR; Jacobs G; MacIntyre WJ; Lorig RJ; Go RT; Nose Y; Meaney TF, (Radiology), 151: 421, 1984

- meniscal tears: MR demonstration of experimentally produced injuries, Beltran J; Noto AM; Mosure JC; Bools JC; Zuelzer WA; Christoforidis AJ; (Radiology), 158: 691, 1986
- methodology of in vivo human sodium MR imaging at 1.5 T, Perman WH; Turski PA; Houston LW; Glover GH; Hayes CE, (Radiology), 160: 811, 1986
- MR gated subtraction angiography: evaluation of lower extremities, Meuli RA; Wedeen VJ; Geller SC; Edelman RR; Frank LR; Brady TJ; Rosen BR, (Radiology), 159: 411, 1986
- MR-guided aspiration biopsy: needle design and clinical trials, Mueller PR; Stark DD; Simeone JF; Saini S; Butch RJ; Edelman RR; Wittenberg J; Ferrucci JT Jr, (Radiology), 161: 605, 1986
- MR imaging of pituitary adenomas using a prototype resistive magnet: preliminary assessment, Oot R; New PFJ; Buonanno FS; et al, (AJNR), 5: 131, 1984
- multisection-multiecho MR imaging: effect on image quality, Fitzsimmons JR; Googe RE, (Radiology), **157**: 813, 1985
- multispectral analysis of magnetic resonance images, Vannier MW; Butterfield RL; Jordan D; Murphy WA; Levitt RG; Gado M, (Radiology), 154: 221, 1985
- neurometabolic effects of an inborn error of amino acid metabolism demonstrated *in vivo* by <sup>1</sup>H NMR, Gadian DG; Proctor E; Williams SR; et al, (Magn Res Med), 3: 150,
- NMR imaging of fluorine-containing substances. <sup>19</sup>fluor ventilation and perfusion studies, Rinck PA; Petersen SB; Lauterbur PC, (Radiology), 152: 859, 1984
- NMR in experimental cerebral edema: value of T1 and T2 calculations, Brant-Zawadzki M; Bartkowski HM; Ortendahl DA; et al, (AJNR), 5: 125, 1984
- NMR in experimental cerebral edema: value of TI and T2 calculations, Brant-Zawadzki M; Bartkowski HM; Ortendahl DA; et al, (Radiology), 154: 856, 1985
- nuclear magnetic resonance imaging characterization of a rat mammary tumor, Osbakken MD; Kreider JW; Taczanowsky P, (Magn Res Med), 3: 1, 1986
- nuclear magnetic resonance spectroscopy of rat ventricles following supravalvar aortic banding: model of left ventricular hypertrophy, Fried R; Boxt LM; Miller RH III; et al, (Invest Radiol), 21: 622, 1986
- orientation of tendons in the magnetic field and its effect on T2 relaxation times, Fullerton GD; Cameron IL; Ord VA, (Radiology), 155: 433, 1985
- (Radiology), 153: 433, 1965
  31P and <sup>23</sup>Na NMR studies of the structure and lability of the sodium shift reagent, bis(tripolyphosphate)dysprosium(III) ([Dy(P<sub>3</sub>O<sub>1</sub>))<sup>2</sup>) ion, and its decomposition in the presence of rat muscle, Matwiyoff NA; Gasparovic C; Wenk R; et al, (Magn Res Med), 3: 164, 1986
- paramagnetic macrocyclic complexes as contrast agents for MR imaging: proton nuclear relaxation rate enhancement in aqueous solution and in rat tissues, Jackels SC; Kroos BR; Hinson WH; Karstaedt N; Moran PR, (Radiology), 159: 525, 1986
- phosphorus-31 nuclear magnetic resonance measurements of 2,3-DPG degradation in human adult and cord blood erythrocytes, Zwerling HK; Diamond JN; Levy GC; et al, (Magn Res Med), 3: 10, 1986
- <sup>31</sup>P NMR detection of mobile dog brain phospholipids, Cerdan S; Subramanian VH; Hilberman M; et al, (Magn Res Med), 3: 432,
- proton MR study of different types of experimental acute renal failure in rats, Iaina A; Abrashkin S; Weininger J, (Magn Res Imag), 4: 241, 1986
- pulse sequence extrapolation with MR image synthesis, Bobman SA; Riederer SJ; Lee JN; Tasciyan T; Farzaneh F; Wang HZ, (Radiology), **159**: 253, 1986
- pulse sequence optimization for MR imaging using a paramagnetic hepatobiliary contrast agent, Greif WL, Buxton RB; Lauffer RB; Saini S; Stark DD; Wedeen VJ; Rosen BR; Brady TJ, (Radiology), **157**: **461**, 1985

- quantification of pulsatile flow in MRI by an analysis of T<sub>2</sub> changes in ECG-gated multiecho experiments, Mueller E; Deimling M; Reinhardt ER, (Magn Res Med), 3: 331, 1986
- reproducibility of T1 and T2 relaxation times calculated from routine MR imaging sequences: phantom study, Kjos BO; Ehman RL; Brant-Zawadzki M, (AJNR), 6:
- time-of-flight MR flow imaging: selective saturation recovery with gradient refocusing, Wehrli FW; Shimakawa A; Gullberg GT; MacFall JR, (Radiology), 160: 781, 1986
- tissue distribution and magnetic resonance spin lattice relaxation effects of gadolinium-DTPA, Strich G; Hagan PL; Gerber KH; Slutsky RA, (Radiology), 154: 723, 1985
- tissue relaxation time: in vivo field dependence, Johnson GA; Herfkens RJ; Brown MA, (Radiology), **156**: 805, 1985
- visualization of moving fluid: quantitative analysis of blood flow velocity using MR imaging, Shimizu K; Matsuda T; Sakurai T; Fujita A; Ohara H; Okamura S; Hashimoto S; Mano H; Kawai C; Kiri M, (Radiology), 159:
- Wallerian degeneration demonstrated by magnetic resonance: spectroscopic measurements on peripheral nerve, Jolesz FA; Polak JF; Ruenzel PW; Adams DF, (Radiology), 152: 85, 1984
- water content and NMR relaxation time gradients in the rabbit kidney, Kundel HL; Schlakman B; Joseph PM; et al, (Invest Radiol), 21: 12, 1986

## Magnetic resonance (MR), image display

- oblique planes of section in MR imaging, Edelman RR; Stark DD; Saini S; Ferrucci JT Jr; Dinsmore RE; Ladd W; Brady TJ, (Radiology), 159: 809, 1986
- stereoscopic computed three-dimensional surface displays, Herman GT; Vose WF; Gomori JM; Gefter WB, (Radiographics), 5: 825, 1985
- surface coil proton MR imaging at 2 T, Roschmann P; Tischler R, (Radiology), **161**: 251, 1986

### Magnetic resonance (MR), image processing

- cerebrospinal fluid pulsation: benefits and pitfalls in MR imaging, Enzmann DR; Rubin JB; DeLaPaz R; Wright A, (Radiology), 161: 773, 1986
- contiguous thin multisection MR imaging by ontiguous trun multisection MK imaging by two-dimensional Fourier transform techniques, Feinberg DA; Crooks LE; Hoenninger JC; Watts JC; Arakawa M; Chang H; Kaufman L, (Radiology), 158: 811,
- dynamic digital subtraction imaging using fast low-angle shot MR movie sequences, Haase A; Matthaei D; Hanicke W; Frahm J, (Radiology), 160: 537, 1986
- effect of intersection spacing on MR image contrast and study time, Kneeland JB; Shimakawa A; Wehrli FW, (Radiology), 158:
- instrumentation for rapid MR image synthesis, Lee JN; Riederer SJ; Bobman SA; et al, (Magn Res Med), 3: 33, 1986
- intravascular signal in MR imaging: use of phase display for differentiation of blood-flow signal from intraluminal disease, White EM, Edelman RR; Wedeen VJ; Brady TJ, (Radiology), 161: 245, 1986
- magnetic resonance angiography, Dumoulin CL; Hart HR Jr, (Radiology), **161**:
- multiphasic MR imaging: new method for direct imaging of pulsatile CSF flow, Edelman RR; Wedeen VJ; Davis KR; Widder D; Hahn PF; Shoukimas G; Brady TJ, (Radiology), 161: 779, 1986
- optimum acquisition times of two spin echoes for MR image synthesis, Lee JN; Riederer SJ, (Magn Res Med), 3: 634, 1986
- pulse sequence extrapolation with MR image synthesis, Bobman SA; Riederer SJ; Lee JN; Tasciyan T; Farzaneh F; Wang HZ, (Radiology), 159: 253, 1986
- separation of true fat and water images by correcting magnetic field inhomogeneity in situ, Yeung HN; Kormos DW, (Radiology), 159: 783, 1986

synthesized MR images: comparison with acquired images, Bobman SA; Riederer SJ; Lee JN; Suddarth SA; Wang HZ; MacFall JR, (Radiology), 155: 731, 1985

### Magnetic resonance (MR), in infants and children

- applications of magnetic resonance imaging in diseases of the pediatric central nervous system, Zimmerman RA; Bilaniuk LT, (Magn Res Imag), 4: 11, 1986
- clinical utility of magnetic resonance imaging in pediatric neurosurgical patients, Hanigan WC; Wright SM; Wright RM, (Radiology), **160**: 862, 1986
- detection of heterotopic gray matter in children by magnetic resonance imaging, Dunn V; Mock T; Bell WE; et al, (Magn Res Imag), 4: 33, 1986
- echo planar imaging in paediatrics: real-time nuclear magnetic resonance, Rzedzian R; Doyle M; Mansfield P; et al, (Radiology), 153: 566, 1984
- head and neck MR imaging in the pediatric patient, Dietrich RB; Lufkin RB; Kangarloo H; Hanafee WN; Wilson GH, (Radiology), 159: 769, 1986
- high-resolution magnetic resonance imaging of the brain in children, Dubowitz LMS; Pennock JM; Johnson MA; et al. (Clin Radiol), 37: 113, 1986
- imaging the pediatric liver: MRI and CT, Weinreb JC; Cohen JM; Armstrong E; et al, (AJR), 147: 785, 1986
- kidneys in infants and children: evaluation with MR, Dietrich RB; Kangarloo H, (Radiology), 159: 215, 1986
- magnetic resonance imaging in childhood intracranial masses, Barnes PD; Lester PD; Yamanashi WS; et al, (Magn Res Imag), 4: 41,
- disease in children, Cohen MD; Klatte EC; Baehner R; Smith JA; Martin-Simmerman P; Carr BE; Provisor AJ; Weetman RM; Coates T; Siddiqui AR; Weisman SJ; Berkow R; McKenna S; McGuire WA, (Radiology), 151: 715, 1984
- magnetic resonance imaging of intracranial tumors in children and adolescents, Peterman SB; Steiner RE; Bydder GM, (AJNR), 5: 703, 1984
- magnetic resonance imaging of neuroblastoma with a 0.15-T magnet, Cohen MD; Weetman RM; Provisor AJ; et al, (AJR), 143: 1241, 1984
- magnetic resonance imaging of the brain in children, Pennock JM; Bydder GM; Dubowitz LMS; et al, (Magn Res Imag), 4: 1,
- magnetic resonance imaging of the pediatric thorax: initial experience, Laurin S; Williams JL; Fitzsimmons JR, (Eur J Radiol),
- magnetic resonance imaging of the thorax in childhood, Brasch RC; Gooding CA; Lallemand DP; Wesbey GE, (Radiology), **150**: 463, 1984
- magnetic resonance imaging of transfusional hemosiderosis complicating thalassemia major, Brasch RC; Wesbey GE; Gooding CA; Koerper MA, (Radiology), 150: 767, 1984
- mediastinal lesions in children: comparison of CT and MR, Siegel MJ; Nadel SN; Glazer HS; Sagel SS, (Radiology), **160**: **24**1,
- monitoring of the neonate undergoing MR imaging: technical considerations: work in progress, McArdle CB; Nicholas DA; Richardson CJ; Amparo EG, (Radiology), 159: 223, 1986
- MRI in children with postinfectious disseminated encephalomyelitis, Dunn V; Bale JF Jr; Zimmerman RA; et al, (Magn Res Imag), 4: 25, 1986
- MR imaging in infants with airway obstruction: preliminary observations, Fletcher BD; Dearborn DG; Mulopulos GP, (Radiology), **160**: 245, 1986
- MR imaging of bone marrow in children, Kangarloo H; Dietrich RB; Taira RT; et al, (ICAT), 10: 205, 1986
- MR imaging of pediatric cerebral abnormalities, Han JS; Benson JE; Kaufman B; et al, (JCAT), 9: 103, 1985 osteomyelitis in children: detection by magnetic resonance, Bloem HL; Falke THM; Doornbos J, (Radiology), 153: 263, 1984

- osteomyelitis in children: detection by magnetic resonance: reply, Fletcher BD; Nelson AD; Scoles PV, (Radiology), **153**: 263, 1984
- value of NMR imaging in pediatric practice. a preliminary report, Smith FW, (Radiology), 151: 261, 1984

### Magnetic resonance (MR), physics

- 1/T, NMRD profiles of solutions of Mn<sup>2+</sup> and Gd<sup>3+</sup> protein-chelate conjugates, Lauffer RB; Brady TJ; Brown RD III; et al, (Magn Res Med), 3: 541, 1986
- applications of multiple quantum coherence to MR imaging, Szeverenyi NM; Haacke EM, (JCAT), 10: 484, 1986
- basic physics of nuclear magnetic resonance, Patz S, (Cardiovasc Intervent Radiol), 8: 225, 1986
- boundary effects from opposed magnetization artifact in IR images, Hearshen DO; Ellis JH; Carson PL; Shreve P; Aisen AM, (Radiology), 160: 543, 1986
- central nervous system high-resolution magnetic resonance imaging: effect of increasing spatial resolution on resolving power, Bradley WG Jr; Kortman KE; Crues JV, (Radiology), 156: 93, 1985
- comparative efficiency of different pulse sequences in MR imaging, Young IR; Burl M; Bydder GM, (JCAT), 10: 271, 1986
- contiguous thin multisection MR imaging by two-dimensional Fourier transform techniques, Feinberg DA; Crooks LE; Hoenninger JC; Watts JC; Arakawa M; Chang H; Kaufman L, (Radiology), 158: 811, 1986
- contrast manipulation in NMR imaging, Perman WH; Hilal SK; Simon HE; et al, (Radiology), 157: 285, 1985
- effect of induced field inhomogeneity on transverse proton NMR relaxation in tissue water and model systems, Kurland RJ; Ngo FQH, (Magn Res Med), 3: 425, 1986
- effect of intersection spacing on MR image contrast and study time, Kneeland JB; Shimakawa A; Wehrli FW, (Radiology), 158: 819, 1986
- effects of bone on proton NMR relaxation times of surrounding liquids, Davis CA; Genant HK; Dunham JS, (Invest Radiol), 21: 472.1986
- errors in the measurements of T<sub>2</sub> using multiple-echo MRI techniques. II. effects of static field inhomogeneity, Majumdar S; Orphanoudakis SC; Gmitro A; et al, (Magn Res Med), 3: 562, 1986
- intrinsic signal-to-noise ratio in NMR imaging, Edelstein WA; Glover GH; Hardy CJ; et al, (Magn Res Med), 3: 604,
- in vivo determination of <sup>31</sup>P spin relaxation times (T<sub>1</sub>, T<sub>2</sub>, T<sub>1p</sub>) in rat leg muscle. use of an off-axis solenoid coil, Brooks WM; Field J; Irving MG; et al, (Magn Res Imag), 4: 245, 1986
- measurement of changes in tissue temperatur using MR imaging, Dickinson RJ; Hall AS; Hind AJ; et al, (JCAT), 10: 468, 1986
- molecular masking and unmasking of the paramagnetic effect of iron on the proton spin-lattice (T<sub>1</sub>) relaxation time in blood and blood clots, Finnie M; Fullerton GD; Cameron IL, (Magn Res Imag), 4: 305, 1986
- MR gated subtraction angiography: evaluation of lower extremities, Meuli RA; Wedeen VJ; Geller SC; Edelman RR; Frank LR; Brady TJ; Rosen BR, (Radiology), 159: 411, 1986
- MR imaging of intravoxel incoherent motions: application to diffusion and perfusion in neurologic disorders, Le Bihan D, Breton E; Lallemand D; Grenier P; Cabanis E; LavalJeantet M, (Radiology), 161: 401, 1986
- MR imaging using stimulated echoes (STEAM), Haase A; Frahm J; Matthaei D; Hanicke W; Bomsdorf H; Kunz D; Tischler R, (Radiology), **160**: 787, 1986
- nuclear magnetic resonance imaging: basic principles, Young SW, Reviewed by Lieberman S, (Radiology), **153**: 452, 1984
- paramagnetic macrocyclic complexes as contrast agents for MR imaging: proton nuclear relaxation rate enhancement in aqueous solution and in rat tissues, Jackels SC; Kroos BR; Hinson WH; Karstaedt N; Moran PR, (Radiology), 159: 525, 1986

- reducing motion artifacts in two-dimensional Fourier transform imaging, Haacke EM; Patrick JL, (Magn Res Imag), 4: 359, 1986
- reduction of MR imaging time by the hybrid fast-scan technique, Haacke EM; Bearden FH; Clayton JR; Linga NR, (Radiology), 158: 521, 1986
- significance of proton relaxation time measurement in brain edema, cerebral infarction and brain tumors, Naruse S; Horikawa Y; Tanaka C; et al, (Magn Res Imag), 4: 293, 1986
- time-of-flight MR flow imaging; selective saturation recovery with gradient refocusing, Wehrli FW; Shimakawa A; Gullberg GT; MacFall JR, (Radiology), 160: 781, 1986
- two-point  $T_1$  measurement: wide-coverage optimizations by stochastic simulations, Lin MS; Fletcher JW; Donati RM, (Magn Res Med), 3: 518, 1986

# Magnetic resonance (MR), potassium studies

observation of intracellular potassium and sodium in the heart by NMR: major fraction of potassium is "invisible", Fossel ET; Hoefeler H, (Magn Res Med), 3: 534, 1986

## Magnetic resonance (MR), pulse sequences

- errors in the assessment of the efficacy of MRI pulse sequences, Gore JC; Pope CF; Sostman HD, (Magn Res Imag), 4: 251, 1986
- method for in vivo MR imaging of the short T<sub>2</sub> component of sodium-23, Ra JB; Hilal SK; Cho ZH, (Magn Res Med), 3: 296, 1986
- optimal pulsing sequences for MR contrast agents, Wolf GL; Joseph PM; Goldstein EJ, (AJR), 147: 367, 1986
- optimizing pulse sequences for magnetic resonance imaging of the musculoskeletal system, Richardson ML, (Radiol Clin North Am), 24: 137, 1986
- pulse techniques for the suppression of individual components in multiexponential relaxation curves, Metz KR; Stankiewicz PJ; Sassani JW; et al. (Magn Res Med.), 3: 575, 1986
- relaxation and imaging of lithium in vivo, Renshaw PF; Haselgrove JC; Bolinger L; et al, (Magn Res Imag), 4: 193, 1986
- tissue contrast enhancement: image reconstruction algorithm and selection of TI in inversion recovery MRI, Moran PR; Kumar NG; Karstaedt N; et al, (Magn Res Imag), 4: 229, 1986
- use of frequency-modulated radiofrequency pulses in MR imaging experiments, Kunz D, (Magn Res Med), 3: 377, 1986
- water suppression in <sup>1</sup>H magnetic resonance images by the generation of multiplequantum coherence, Dumoulin CL; Vatis D, (Magn Res Med), 3: 282, 1986

### Magnetic resonance (MR), sodium studies

- clinical and experimental vasogenic edema: in vivo sodium MR imaging, work in progress, Turski PA; Perman WH; Hald JK; Houston LW; Strother CM; Sackett JF, (Radiology), 160: 821, 1986
- magnetic resonance imaging performance: comparison of sodium and hydrogen, Feinberg DA; Crooks LE; Kaufman L; Brant-Zawadzki M; Posin JP; Arakawa M; Watts JC; Hoenninger JC, (Radiology), 156: 133, 1982
- method for *in vivo* MR imaging of the short  $T_2$  component of sodium-23, Ra JB; Hilal SK; Cho ZH, (Magn Res Med), 3: 296, 1986
- methodology of in vivo human sodium MR imaging at 1.5 T, Perman WH; Turski PA; Houston LW; Glover GH; Hayes CE, (Radiology), **160**: 811, 1986
- multinuclear magnetic resonance imaging technique—simultaneous proton and sodium imaging, Lee SW; Hilal SK; Cho ZH, (Magn Res Imag), 4: 343, 1986
- NMR studies of combined lanthanide shift and relaxation agents for differential characterization of <sup>23</sup>Na in a twocompartment model system, Brown MA; Stenzel TT; Ribeiro AA; et al, (Magn Res Med), 3: 289, 1986

- observation of intracellular potassium and sodium in the heart by NMR: major fraction of potassium is "invisible", Fossel ET; Hoefeler H, (Magn Res Med), 3: 534, 1986
- <sup>31</sup>P and <sup>23</sup>Na NMR studies of the structure and lability of the sodium shift reagent, bis(tripolyphosphate)dysprosium(III) ([Dy(P<sub>3</sub>O<sub>10</sub>)]<sup>2</sup>) ion, and its decomposition in the presence of rat muscle, Matwiyoff NA; Gasparovic C; Wenk R; et al, (Magn Res Med), 3: 164, 1986

### Magnetic resonance (MR), spectroscopy

- applications of multiple quantum coherence to MR imaging, Szeverenyi NM; Haacke EM, (JCAT), 10: 484, 1986
- assessment of human liver metabolism by phosphorus-31 magnetic resonance spectroscopy, Oberhaensli RD; Galloway GJ; Taylor DJ; et al, (Br J Radiol), 59: 695, 1986
- breast tumors: evaluation with P-31 MR spectroscopy, Degani H; Horowitz A; Itzchak Y, (Radiology), **161**: 53, 1986
- changes in energy metabolism following roentgen irradiation of in vivo growing Ehrlich ascites tumour cells studied by <sup>31</sup>P magnetic resonance spectroscopy, Skog S; Nordell B; Ericsson A; et al, (Acta Radiol [Oncol]), 25: 63, 1986
- choroidal melanomas: correlation of NMR spectroscopy and MR imaging, Gomori JM; Grossman RI; Shields JA; Augsburger JJ; Joseph PM; DeSimeone D, (Radiology), 158: 443, 1986
- chronic adult cerebral infarction studied by phosphorus NMR spectroscopy, Bottomley PA; Drayer BP; Smith LS, (Radiology), **160**: 763, 1986
- evaluation of the effects of photoradiation therapy on brain tumors with in vivo P-31 MR spectroscopy, Naruse 5; Horikawa Y; Tanaka C; Higuchi T; Sekimoto H; Ueda S; Hirakawa K, (Radiology), 160: 827, 1986
- fatty infiltration of the liver: demonstration by proton spectroscopic imaging, preliminary observations, Lee JKT; Dixon WT; Ling D; Levitt RG; Murphy WA, (Radiology), 153: 195, 1984.
- gallbladder bile: experimental study in dogs using MR imaging and proton MR spectroscopy , Demas BE; Hricak H; Moseley M; Wall SD; Moon KL Jr; Goldberg HI; Margulis AR, (Radiology), 157: 453, 1985
- high-resolution human in vivo spectroscopic imaging using echo-time encoding technique, Park HW; Cho ZH, (Magn Res Med), 3: 448, 1986
- <sup>1</sup>H MR spatially resolved spectroscopy of human tissues in situ, Luyten PR; den Hollander JA, (Magn Res Imag), 4: 237, 1986
- in vivo MR spectroscopy of human subjects with a 1.4-T whole-body MR imager, Ng TC; Majors AW; Meany TF, (Radiology), 158: 517.1986
- in vivo MR spectroscopy with P-31. work in progress, Maudsley AA; Hilal SK; Simon HE; Wittekoek S, (Radiology), 153: 745, 1984
- in vivo <sup>31</sup>P-MR spectroscopy of the liver in the infant rabbit to study the effect of hypoxia on the phosphorus metabolites and intracellular pH, Schmidt HC; Gooding CA; James TL, (Invest Radiol), **21**: 156, 1986
- in vivo spectroscopic magnetic resonance imaging using estimation theory, Macovski A; Spielman D, (Magn Res Med), 3: 97, 1986
- magnetic resonance imaging and spectroscopy of hepatic iron overload, Stark DD; Moseley ME; Bacon BR; Moss AA; Goldberg HI; Bass NM; James TL, (Radiology), **154**: 137, 1985
- magnetic resonance relaxation times of percutaneously obtained normal and abnormal body fluids, Brown JJ; vanSonnenberg E; Gerber KH; Strich G; Wittich GR; Slutsky RA, (Radiology), 154: 727, 1985
- magnetic resonance spectroscopy of the musculoskeletal system, Burt CT; Koutcher J; Roberts JT; et al, (Radiol Clin North Am), 24:

- nuclear magnetic resonance spectroscopy of rat ventricles following supravalvar aortic banding: model of left ventricular hypertrophy, Fried R; Boxt LM; Miller RH III; et al, (Invest Radiol), 21: 622, 1986
- observation of metabolites in the human brain by MR spectroscopy, Luyten PR; den Hollander JA, (Radiology), **161**: 795, 1986
- ocular MR imaging and spectroscopy: ex vivo study, Gomori JM; Grossman RI; Shields JA; Augsburger JJ; Joseph PM; DeSimeone D, (Radiology), 160: 201, 1986
- <sup>31</sup>P NMR spectroscopy of isolated perfused lungs, Pillai RP; Buescher PC; Pearse DB; et al, (Magn Res Med), 3: 467, 1986
- potential of NMR and PET for determining tumor metabolism, Miraldi F, (Int J Radiat Oncol Biol Phys), **12**: 1033, 1986
- proton chemical shift imaging: evaluation of its clinical potential using an in vivo fatty liver model, Rosen BR; Carter EA; Pykett IL; Buchbinder BR; Brady TJ, (Radiology), **154**: 469, 1985
- simple proton spectroscopic imaging, Dixon WT, (Radiology), **153:** 189, 1984
- spectroscopic applications of magnetic resonance to biomedical problems, Kushmerick MJ, (Cardiovasc Intervent Radiol), 8: 382, 1986
- synthesis of [quanidino-<sup>13</sup>C]creatine and measurement of the creatine phosphokinase reaction in vitro by <sup>13</sup>C NMR spectroscopy, Han CH; Sillerud LO, (Magn Res Med), 3: 626, 1986
- tumor size dependent changes in a murine fibrosarcoma: use of *in vivo* <sup>31</sup>P NMR for non-invasive evaluation of tumor metabolic status, Okunieff PG; Koutcher JA; Gerweck L; et al. (Int J Radiat Oncol Biol Phys), 12: 793, 1986

# Magnetic resonance (MR), technology

- 0.6 T MR imaging of the cervical spine: multislice and multiecho techniques, Hyman RA; Edwards JH; Vacirca SJ; et al, (AJNR), 6: 229, 1985
- 1.5 T in vivo <sup>31</sup>P NMR spectroscopy of the human liver using a sectorial resonator, Grist TM; Jesmanowicz A; Froncisz W; et al, (Magn Res Med), 3: 135, 1986
- accuracy of area measurements made from MR images compared with computed tomography, Zhu XP; Checkley DR; Hickey DS; et al, (JCAT), 10: 96, 1986
- analytical tools for magnetic resonance imaging, Ortendahl DA; Hylton N; Kaufman L; Watts JC; Crooks LE; Mills CM; Stark DD, (Radiology), **153**: 479, 1984
- application of anatomically shaped surface coils in MRI at 0.5 T, Doornbos J; Grimbergen HAA; Booijen PE; et al, (Magn Res Med), 3: 270, 1986
- application of autoregressive modelling in magnetic resonance imaging to remove noise and truncation artifacts, Smith MR; Nichols ST; Henkelman RM; et al, (Magn Res Imag), 4: 257, 1986
- application of steady-state free precession to the study of very slow fluid flow, Patz S; Hawkes RC, (Magn Res Med), 3: 140, 1986
- automated MR image synthesis: feasibility studies, Riederer SJ; Suddarth SA; Bobman SA; Lee JN; Wang HZ; MacFall JR, (Radiology), 153: 203, 1984
- blood flow imaging with MR: spin-phase phenomena, von Schulthess GK; Higgins CB, (Radiology), **157**: 687, 1985
- body MR: alleviation of claustrophobia by prone positioning, Hricak H; Amparo EG, (Radiology), **152**: 818, 1984
- breast MR imaging with loop-gap resonators, Hornak JP; Szumowski J; Rubens D; Janus J; Bryant RG, (Radiology), **161**: 832, 1986
- cardiac imaging using gated magnetic resonance, Lanzer P; Botvinick EH; Schiller NB; Crooks LE; Arakawa M; Kaufman L; Davis PL; Herfkens RJ; Lipton MJ; Higgins CB, (Radiology), 150: 121, 1984.
- central nervous system high-resolution magnetic resonance imaging: effect of increasing spatial resolution on resolving power, Bradley WG Jr, Kortman KE; Crues JV, (Radiology), 156: 93, 1985

- cerebral abnormalities: use of calculated T1 and T2 magnetic resonance images for diagnosis, Mills CM; Crooks LE; Kaufman L; Brant-Zawadzki M, (Radiology), **150**: 87, 1984
- cerebral magnetic resonance image synthesis, Bobman SA; Riederer SJ; Lee JN; et al, (AJNR), 6: 265, 1985
- chemical shift selective magnetic resonance imaging using a whole-body magnet, Frahm J. Haase A.; Hanicke W.; Matthaei D; Bomsdorf H; Helzel T, (Radiology), 156: 441,
- clinical use of the partial saturation and saturation recovery sequences in MR imaging, Bydder GM; Young IR, (JCAT), 9: 1020, 1985
- coarctation of the aorta: MR imaging, von Schulthess GK; Higashino SM; Higgins SS; Didier D; Fisher MR; Higgins CB, (Radiology), **158**: 469, 1986
- comparison of respiratory triggering and gating techniques for the removal of respiratory artifacts in MR imaging, Lewis CE; Prato FS; Drost DJ; Nicholson RL, (Radiology), 160: 803, 1986
- comparison of saddle-shaped and solenoidal coils for magnetic resonance imaging, Arakawa M; Crooks LE; McCarten B; Hoenninger JC; Watts JC; Kaufman L, (Radiology), 154: 227, 1985
- computer simulation of nuclear magnetic resonance imaging, Summers RM; Axel L; Israel S, (Magn Res Med), 3: 363, 1986
- computers in computed tomography and magnetic resonance imaging, Pickens DR; Erickson JJ, (Radiographics), 5: 31, 1985
- counter rotating current local coils for highresolution magnetic resonance imaging, Froncisz W; Jesmanowicz A; Kneeland JB; et al, (Magn Res Med), 3: 590, 1986
- dedicated MR receiver coils: simple design and construction method, Wall BE; Wolfman NT; Williams R; Moran PR, (Radiology), 160: 273, 1986
- dependence of nuclear magnetic resonance (NMR) image contrast on intrinsic and pulse sequence timing parameters, Wehrli FW; MacFall JR; Glover GH; et al, (Radiology), 157: 573, 1985
- description of a low field resistive magnetic resonance imaging system and it application in imaging midline central nervous system pathology, Kean DM; Smith MA; Douglas RHB; et al, (Clin Radiol), 37: 211,
- design modification of dedicated MR breast coil, Wolfman NT; Williams RW; Wall BE; et al, (JCAT), **10**: 893, 1986
- differentiation of volume averaging and mass on magnetic resonance images of the mediastinum, Webb WR; Moore EH, (Radiology), 155: 413, 1985
- double pulse echoes—novel approach for fat-water separation in magnetic resonance imaging, Kunz D, (Magn Res Med), 3: 639, 1986
- dynamic digital subtraction imaging using fast low-angle shot MR movie sequences, Haase A; Matthaei D; Hanicke W; Frahm J, (Radiology), 160: 537, 1986
- dynamic-range compression in surfacecoil MRI, Lufkin RB; Sharpless T; Flannigan B; et al, (AJR), **147:** 379, 1986
- ECG-synchronized cardiac MR imaging: method and evaluation, Lanzer P; Barta C; Botvinick EH; Wiesendanger HUD; Modin G; Higgins CB, (Radiology), 155: 681,
- echo shape analysis and image size adjustment on the level of echoes: improvement of parameter-selective proton images, Staemmler M; Gersonde K, (Magn Res Med), 3: 418, 1986
- effect of induced field inhomogeneity on transverse proton NMR relaxation in tissue water and model systems, Kurland RJ, Ngo FQH, (Magn Res Med), 3: 425, 1986
- effects of antimalarial drugs on oxygen consumption by erythrocytes infected with plasmodium berghei: ESR study, Butler KW; Deslauriers R; Smith ICP, (Magn Res Med), 3: 312, 1986
- elimination of coupling between cylindrical transmit coils and surface-receive coils for in vivo NMR, Bendall MR; Connelly A; McKendry JM, (Magn Res Med), 3: 157, 1986

- energetics of human muscle: exercise-induced ATP depletion, Taylor DJ; Styles P; Matthews PM; et al, (Magn Res Med), 3: 44, 1986
- errors in the measurements of T<sub>2</sub> using multiple-echo MRI techniques. I. effects of radiofrequency pulse inperfections, Majumdar 5; Orphanoudakis SC; Gmitro A; et al. (Magn Res Med), 3: 397, 1986
- errors in the measurements of T<sub>2</sub> using multiple-echo MRI techniques. II. effects of static field inhomogeneity, Majumdar S; Orphanoudakis SC; Gmitro A; et al, (Magn Res Med), 3: 562, 1986
- fast-field-echo MR imaging with Gd-DTPA: physiologic evaluation of the kidney and liver, Pettigrew RI; Avruch L; Dannels W; Coumans J; Bernardino ME, (Radiology), 160: 561, 1986
- fatty infiltration of the liver: demonstration by proton spectroscopic imaging, preliminary observations, Lee JKT; Dixon WT; Ling D; Levitt RG; Murphy WA, (Radiology), 153: 195, 1984.
- ferromagnetic materials in patients: detection before MR imaging, Finn EJ; Di Chiro G; Brooks RA; Sato S, (Radiology), **156**: 139, 1985
- fiber-optic pressure transducer for use near MR magnetic fields, Roos CF; Carroll FE Jr, (Radiology), **156**: 548, 1985
- flexible mercury-filled surface coil for MR imaging, Malko JA; McClees EC; Braun IF; et al, (AJNR), 7: 246, 1986
- flow measurement by the development of phase differences during slice formation in MR imaging, Young IR; Bydder GM; Payne JA, (Magn Res Med), 3: 175, 1986
- gated cardiac magnetic resonance structural imaging: optimization by electronic axial rotation, Feiglin DH; George CR; MacIntyre Wj; O'Donnell JK; Go RT; Pavlicek W; Meaney TF, (Radiology), 154: 129, 1985
- gated MRI of cardiac and paracardiac masses: initial experience, Amparo EG; Higgins CB; Farmer DW; et al, (AJR), 143: 1151, 1984
- general approach to T1, T2, and spin-density discrimination sensitivities in NMR imaging sequences, Moran PR, (Radiology), 157: 284, 1985
- halving MR imaging time by conjugation: demonstration at 3.5 kG, Feinberg DA; Hale JD; Watts JC; Kaufman L; Mark A, (Radiology), 161: 527, 1986
- hepatic gluconeogenesis from alanine: <sup>13</sup>C nuclear magnetic resonance methodology for *in vivo* studies, Stromski ME; Arias-Mendoza F; Alger JR; et al., (Magn Res Med), 3: 24, 1986
- high-field surface-coil MR imaging of localized anatomy, Schenck JF; Foster TH; Henkes JL; et al, (AJNR), 6: 181, 1985
- high-order coils as transmitters for NMR imaging, Sotgiu A; Hyde JS, (Magn Res Med), 3: 55, 1986
- high-resolution magnetic resonance imaging: technical concepts and their implementation, Crooks LE; Hoenninger JC; Arakawa M; Watts JC; McCarten B; Sheldon PE; Kaufman L; Mills CM; Davis PL; Margulis AR, (Radiology), 150: 163, 1984
- high-resolution MR imaging using loop-gap resonators: work in progress, Kneeland JB; Jesmanowicz A; Froncisz W; Grist TM; Hyde JS, (Radiology), 158: 247, 1986
- high resolution surface coil magnetic resonance imaging of the spine: normal and pathologic anatomy, Berger PE; Atkinson D; Wilson WJ; Wiltse L, (Radiographics), 6: 573, 1986
- hydrogen MR imaging of the head at 0.35 T and 0.7 T: effects of magnetic field strength, Posin JP; Arakawa M; Crooks LE; Feinberg DA; Hoenninger JC; Watts JC; Mills CM; Kaufman L, (Radiology), 157: 679, 1985
- improved MR imaging of the orbit at 1.5 T with surface coils, Schenck JF; Hart HR Jr; Foster TH; et al, (AJNR), 6: 193, 1985
- improved MR imaging of the upper abdomen with glucagon and gas, Weinreb JC; Maravilla KR; Redman HC; et al, (Radiology), 155: 859, 1985

- improved precision in calculated T1 MR images using multiple spin-echo acquisition, Riederer SJ; Bobman SA; Lee JN; et al, (JCAT), 10: 103, 1986
- improved surface coil imaging in MR: decoupling of the excitation and receiver coils, Boskamp EB, (Radiology), 157: 449,
- influence of glycogen on water proton relaxation times, Gore JC; Brown MS; Mizumoto CT; et al, (Magn Res Med), 3: 463,
- influence of paramagnetic ions and pH on proton NMR relaxation of biologic fluids, Barnhart JL; Berk RN, (Invest Radiol), 21:
- inner volume MR imaging; technical concepts and their application, Feinberg DA; Hoenninger JC; Crooks LE; Kaufman L; Watts JC; Arakawa M, (Radiology), 156: 743,
- intracranial lesions: flow-related enhancement on MR images using time-of-flight effects, Kucharczyk W; Kelly WM; Davis DO; Norman D; Newton TH, (Radiology), **161**: 767, 1986
- in vitro <sup>1</sup>H NMR "mapping" of human intervertebral discs, Furo I; Bobest M; Pocsik I; et al, (Magn Res Med), 3: 146, 1986
- in vivo MR spectroscopy of human subjects with a 1.4-T whole-body MR imager, Ng TC; Majors AW; Meany TF, (Radiology), 158:
- in vivo MR spectroscopy with P-31. work in progress, Maudsley AA; Hilal SK; Simon HE; Wittekoek S, (Radiology), **153**:
- low cost personal monitor for the detection of stray magnetic fields, Gore JC; Wilkens KL; Holcomb WG, (Magn Res Imag), 4: 73, 1986
- magnetic field dependence of proton relaxation rates in tissue with added Mn<sup>2+</sup>: rabbit liver and kidney, Koenig SH: Brown RD III; Soldstein EJ; et al, (Radiology), **157**: 573, 1985
- magnetic resonance angiography, Dumoulin CL; Hart HR Jr, (Radiology), **161**:
- magnetic resonance imaging: effects of magnetic field strength, Crooks LE; Arakawa M; Hoenninger JC; McCarten B; Watts JC; Kaufman L, (Radiology), **151**: 127,
- magnetic resonance imaging of intervertebral disk disease: clinical and pulse sequence considerations, Modic MT; Pavlicek W; Weinstein MA; Boumphrey F; Ngo F; Hardy RW Jr; Duchesneau PM, (Radiology), 152: 103, 1984
- magnetic resonance imaging of multiple sclerosis: a study of pulse-technique efficacy, Runge VM; Price AC; Kirshner HS; et al, (AJNR), 5: 691, 1984
- magnetic resonance imaging of the heart: positioning and gradient angle selection for optimal imaging planes, Dinsmore RE; Wismer GL; Levine RA; et al, (AJR), 143: 1135, 1984
- magnetic resonance imaging strategies for heart studies, Crooks LE; Barker B; Chang H; Feinberg DA; Hoenninger JC; Watts JC; Arakawa M; Kaufman L; Sheldon PE; Botvinick EH; Higgins CB, (Radiology), 153:
- magnetic resonance imaging systems: optimization in clinical use, Kneeland JB; Knowles RJR; Cahill PT, (Radiology), 153: 473, 1984
- magnetic resonance imaging with respiratory gating: techniques and advantages, Ehman RL; McNamara MT; Pallack M; et al, (AJR), 143: 1175, 1984
- magnetic resonance of the brain: the optimal screening technique, Brant-Zawadzki M; Norman D; Newton TH; Kelly WM; Kjos BO; Mills CM; Dillon W; Sobel D; Crooks LE, (Radiology), 152: 71, 1984
- magnetic resonance with marked T2-weighted images: improved demonstration of brain lesions, tumor, and edema, Smith AS; Weinstein MA; Modic MT; et al, (AJNR), 6:
- measurement of extracellular water volumes in tissues by gadolinium modification of <sup>1</sup>H-NMR spin lattice (T1) relaxation, Braunschweiger PG; Schiffer LM; Furmanski P, (Magn Res Imag), 4: 285, 1986

- measurement of flow with NMR imaging using a gradient pulse and phase difference technique, Bryant DJ; Payne JA; Fermin DN; et al, (Radiology), 155: 283, 1985
- measurement of intracellular oxygen concentration using the spin label TEM-POL, Morse PD II; Swartz HM, (Radiology), 157: 573, 1985
- mechanisms of contrast in NMR imaging, Wehrli FW; MacFall JR; Shutts D; et al, (Radiology), **154**: 858, 1985
- mediastinal vessels: postoperative evaluation with MR imaging, Katz ME; Glazer HS; Siegel MJ; Gutierrez F; Levitt RG; Lee JKT, (Radiology), 161: 647, 1986
- method for T1p imaging, Sepponen RE; Pohjonen JA; Sipponen JT; et al, (JCAT), 9: 1007, 1985
- method for the clinical measurement of relaxation times in magnetic resonance imaging, Hickey DS; Checkley D; Aspden RM; et al, (Br J Radiol), **59**: 565, 1986
- modified crossed-ellipse rediofrequency coil for MRI, De Luca F; Crescenzi A; Luzzi M; et al, (Magn Res Med), 3: 491, 1986
- motion artifacts in quantitative magnetic resonance imaging, Aisen AM; Glazer GM; Carson PL; et al, (Magn Res Imag), 4: 207,
- MR image contrast and relaxation times of solid tumors in the chest, abdomen, and pelvis, Schmidt HC; Tscholakoff D; Hricak H; et al, (JCAT), 9: 738, 1985
- MR imaging: clinical use of the inversion recovery sequence, Bydder GM; Young IR, (JCAT), 9: 659, 1985
- MR imaging in patients with metallic implants, Laakman RW; Kaufman B; Han JS; Nelson AD; Clampitt M; O'Block AM; Haaga JR; Alfidi RJ, (Radiology), 157: 711, 1985
- MR imaging of blood vessels using three-dimensional reconstruction: methodology, Hale JD; Valk PE; Watts JC; Kaufman L; Crooks LE; Higgins CB; Deconinck F, (Radiology), 157: 727, 1985
- MR imaging of calcified intracranial lesions, Holland BA; Kucharcyzk W; Brant-Zawadzki M; Norman D; Haas DK; Harper PS, (Radiology), 157: 353, 1985
- MR imaging of the acutely injured patient with cervical traction, McArdle CB; Wright JW; Prevost WJ; Dornfest DJ; Amparo EC, (Radiology), 159: 273, 1986
- MR imaging of venous and arterial flow by a selective saturation-recovery spin echo (SSRSE) method, Wehrli FW; Shimakawa A; MacFall JR; et al, (JCAT), 9: 537, 1985
- MR imaging technology: maximizing the signal-to-noise ratio from a single tissue, Hendrick RE; Newman FD; Hendee WR, (Radiology), **156**: 749, 1985
- MR imaging using specialized coils, Fisher MR; Barker B; Amparo EG; Brandt G; Brant-Zawadzki M; Hricak H; Higgins CB, (Radiology), 157: 443, 1985
- MR imaging with surface coils, Ehman RL, (Radiology), 157: 549, 1985
- MRI simulator for instruction in pulse-sequence selection, Lufkin RB; Keen R; Rhodes M; et al, (AJR), 147: 199, 1986
- MR technology: effect of even-echo rephasing on calculated T2 values and T2 images, Kucharczyk W; Brant-Zawadzki M; Lemme-Pleghos L; Uske A; Kjos BO; Feinberg DA; Norman D, (Radiology), 157: 95, 1985
- MR velocity imaging by phase display, Wedeen VJ; Rosen BR; Chesler D; et al, (JCAT), 9: 530, 1985
- (ICAT), 9: 530, 1985
  multinuclear magnetic resonance imaging
  technique—simultaneous proton and
  sodium imaging, Lee SW; Hilal SK; Cho ZH,
  (Magn Res Imag), 4: 343, 1986
  multiple-angle, variable-interval,
  nonorthogonal MRI, Reicher MA;
  Lufkin RB; Smith S; et al, (AJR), 147: 363,
  1986
- multiple chemical shift selective (CHESS) MR imaging using stimulated echoes, Matthaei D; Haase A; Frahm J; Bomsdorf H; Vollmann W, (Radiology), **160**: 791, 1986
- multiple spin-echo magnetic resonance imaging, Feinberg DA; Mills CM; Posin JP; Ortendahl DA; Hylton NM; Crooks LE; Watts JC; Kaufman L; Arakawa M; Hoenninger JC; Brant-Zawadzki M, (Radiology), **155**: 437, 1985

- multiple spin echo magnetic resonance imaging of the brain, Harms SE; Siemers PT; Hildenbrand P; Plum G, (Radiographics), 6:
- multipurpose NMR imaging using stimulated echoes, Matthaei D; Frahm J; Haase A; et al, (Magn Res Med), 3: 554, 1986
- multisection-multiecho MR imaging: effect on image quality, Fitzsimmons JR; Googe RE, (Radiology), 157: 813, 1985
- multi-section multi-echo pulse magnetic
- multi-section multi-echo pulse magnetic resonance techniques: optimization in a clinical setting, Kneeland JB; Knowles RJR; Cahill PT, (Radiology). 155: 159, 1985 multispectral analysis of magnetic resonance images, Vannier MW; Butterfield RL; Jordan D; Murphy WA; Levitt RG; Gado M, (Radiology). 154: 221, 1985 new headholder for PET, CT, and NMR imaging. Kearfolt KT; Rattenberg DA:
- imaging, Kearfott KJ; Rottenberg DA; Knowles RJR, (JCAT), 8: 1217, 1984
- new method for flow velocity measurement: frequency encoded NMR, Caprihan A; Davis JG; Altobelli SA; et al, (Magn Res Med), 3: 352, 1986
- NMR even echo rephasing in slow laminar flow, Waluch V; Bradley WG Jr, (Radiology), 155: 283, 1985
- NMR instrumentation and hardware available at present and in the future, McFarland EW; Rosen BR, (Cardiovasc Intervent Radiol), 8: 238, 1986
- nongated cardiac magnetic resonance imaging: preliminary experience at 0.12 T, Choyke PL; Kressel HY; Reichek N; et al, (AJR), 143: 1143, 1984
- normal shoulder: MR imaging, Kieft GJ; Bloem JL; Obermann WR; Verbout AJ; Rozing PM; Doornbos J, (Radiology), 159: 741, 1986
- nuclear magnetic resonance and gamma camera tumor imaging using gadolinium-labeled monoclonal antibodies, Anderson-Berg WT; Strand M; Lempert TE; et al, (J Nucl Med), 27: 829, 1986
- Nucl Med), 27: 829, 1986
  nuclear magnetic resonance (NMR)
  tomography of the central nervous system:
  comparison of two imaging sequences,
  Huk W; Heindel W; Deimling M; et al,
  (Radiology), 150: 864, 1984
  numerical T<sub>1</sub> computation from NMR
  intensity ratios, Lin M5; Fletcher JW;
  Herbig FK; et al, (Magn Res Imag), 4: 311,
  1986
- oblique magnetic resonance imaging of normal structures, Huber DJ; Mueller E; Heubes P, (AJR), 145: 843, 1985
- observation of metabolites in the human brain by MR spectroscopy, Luyten PR; den Hollander JA, (Radiology), 161: 795, 1986
- operating magnetic field strength for nuclear magnetic resonance imaging, Mun SK, (Radiographics), 4: 44, 1984 optimal pulse sequence for imaging hepatic metastases, Henkelman RM; Hardy P; Poon PY; Bronskill MJ, (Radiology), 161: 727, 1984
- optimizing tissue contrast in magnetic resonance imaging, Hendrick RE; Nelson TR; Hendee WR, (Radiology), 157:
- projection angiograms of blood labeled by adiabatic fast passage, Dixon WT; Du LN; Faul DD; et al, (Magn Res Med), 3: 454, 1986
- proton chemical shift imaging; evaluation of its clinical potential using an in vivo fatty liver model, Rosen BR; Carter EA; Pykett IL; Buchbinder BR; Brady TJ, (Radiology), 154: 469, 1985
- proton imaging with surface coils on a 0.15-T resistive system, Fitzsimmons JR; Thomas RG; Mancuso AA, (Radiology), 157: 285, 1985
- prototype coil for magnetic resonance imaging of the female breast: work inprogress, Stelling CB; Wang PC; Lieber A; Mattingly SS; Griffen WO; Powell DE, (Radiology), 154: 457, 1985
- pulse selection chart for brain MR imaging sequences, Tobias JA; Sheldon JJ; Soila KP; Pomeranz SJ; Garcia L, (Radiology), 157: 261, 1985
- pulse sequence extrapolation with MR image synthesis, Bobman SA; Riederer SJ; Lee JN; Tasciyan T; Farzaneh F; Wang HZ, (Radiology), 159: 253, 1986
- pulse sequences and contrast in magnetic resonance imaging, Ziedses des Plantes BG Jr; Falke THM; den Boer JA, (Radiographics), 4: 869, 1984

- quadrature-multiplexed rf excitation for information doubling in NMR imaging, Ra JB; Hilal SK; Cho ZH; et al, (Magn Res Med), 3: 105, 1986
- rapid average-flow velocity measurement by NMR, Altobelli SA; Caprihan A; David JG; et al, (Magn Res Med), **3:** 317, 1986
- rapid MR imaging with suspended respiration: clinical application in the liver, Edelman RR, Hahn PF; Buxton R; Wittenberg J; Ferrucci TJ IT; Saini S; Brady TJ, (Radiology), 161: 125, 1986
- rapid NMR imaging of dynamic processes using the FLASH technique, Frahm J; Haase A; Matthaei D, (Magn Res Med), 3:
- rapid three-dimensional MR imaging using the FLASH technique, Frahm J; Haase A; Matthaei D, (JCAT), 10: 363, 1986
- real-value representation in inversion-recovery NMR imaging by use of a phase-correction method, Park HW; Cho MH; Cho ZH, (Magn Res Med), 3: 15,
- reducing motion artifacts in two-dimensional Fourier transform imaging, Haacke EM; Patrick JL, (Magn Res Imag), 4: 359, 1986
- ratick JE, Wagin Res magy, \$3.57, 1700 reduction of MR imaging time by the hybrid fast-scan technique, Haacke EM; Bearden FH; Clayton JR; Linga NR, (Radiology), 158: 521, 1986
- reproducibility of relaxation times and spin density calculated from routine MR imaging sequences: clinical study of the CNS, Kjos BO; Ehman RL; Brant-Zawadzki M; et al, (AJNR), 6: 271, 1985
- respiratory effects in two-dimensional Fourier transform MR imaging, Axel L; Summers RM; Kressel HY; Charles C, (Radiology), 160: 795, 1986
- respiratory gating in magnetic resonance imaging at 0.5 tesla, Runge VM; Clanton JA; Partain CL; James AE Jr, (Radiology), **151**:
- respiratory ordered phase encoding (ROPE): method for reducing respiratory motion artefacts in MR imaging, Bailes DR; Gilderdale DJ; Bydder GM; et al, (JCAT), 9: 925 1082
- rotator cuff tears: preliminary application of high-resolution MR imaging with counter rotating current loop-gap resonators, Kneeland JB; Carrera GF; Middleton WD; Campagna NF; Ryan LM; Jesmanowicz A; Froncisz W; Hyde JS, (Radiology), 160: 695, 1986
- sectorial loop-gap resonator for <sup>31</sup>P NMR of the adult human liver at 1.5 T with surface tissue suppression, Jesmanowicz A; Froncisz W; Grist TM; et al, (Magn Res Med), 3: 76, 1986
- selective saturation NMR imaging, Rosen BR; Wedeen VJ; Brady TJ, (Radiology), 155: 860,
- separate water and fat MR images, Ordidge RJ; Van de Vyver FL, (Radiology), 157: 551, 1985
- eparate water and fat MR images: reply, Dixon WT; Lee JKT, (Radiology), 157: 552,
- separation of true fat and water images by correcting magnetic field inhomogeneity in situ, Yeung HN; Kormos DW, (Radiology), 159: 783, 1986
- signal, noise, and contrast in nuclear magnetic resonance (NMR) imaging, Edelstein WA; Bottomley PA; Hart HR; et al, (Radiology), 150: 864, 1984
- simple proton spectroscopic imaging, Dixon WT, (Radiology), **153**: 189, 1984
- simulation procedure to determine nuclear magnetic resonance imaging pulse sequence parameters for optimal tissue contrast, de Graaf CN; Bakker CJG, (J Nucl Med), 27: 281,
- simultaneous MR imaging of both breasts using a dedicated receiver coil, Wolfman NT; Moran R; Moran PR; Karstaedt N, (Radiology), 155: 241, 1985
- single acquisition localization technique, Karczmar GS; Matson GB; Weiner MW, (Magn Res Med), 3: 341, 1986
- site planning for nuclear magnetic resonance imaging, Andrews DE, (Cardiovasc Intervent Radiol), 8: 390, 1986
- solenoid surface coils in magnetic resonance imaging, Lufkin RB; Votruba J; Reicher M; et al, (AJR), **146**: 409, 1986

- spin echo chemical shift MR imaging technique, Joseph PM, (JCAT), 9: 651, 1985 spin echo technique selection: basic principles for choosing MRI pulse sequence timing intervals, Mitchell MR; Tarr RW; Conturo TE; Partain CL; James AE Jr, (Radiographics), 6: 245, 1986
- (Radiographics), 6: 245, 1996 spin lattice relaxation time measurements in two-dimensional nuclear magnetic resonance imaging: corrections for plane selection and pulse sequence, Rosen BR; Pykett IL; Brady TJ, (Radiology), 154: 282, 1605
- spin-spin relaxation time (T2) dependence in MR saturation- and inversion-recovery images, Ehman RL; Gray JE; Bryant RG; et al, (AJR), 143: 903, 1984
- strategies and tactics in NMR imaging relaxation time measurements. I. minimizing relaxation time errors due to image noise—ideal case, Kurland RJ, (Radiology), 157: 573, 1985
- (Radiology), 157: 573, 1985 strategy for magnetic resonance imaging of the head: results of a semi-empirical model. part II, Droege RT: Wiener SN; Rzeszotarski MS, (Radiology), 153: 425, 1984 strip scan: method for faster MR imaging, Mezrich RS; Axel L; Dougherty L; Kressel HY, (Radiographics), 6: 833, 1986
- suppression of water and other noncoupled spins by homonuclear polarization transfer in magnetic resonance imaging, Dumoulin CL, (Magn Res Med), 3: 90, 1986
- surface coil magnetic resonance imaging Axel L, (Radiology), 154: 858, 1985
- Axet L. (Naduology), 139: 508, 1393 surface coil MR imaging of abdominal viscera. I. theory, technique, and initial results, Edelman RR; McFarland E; Stark DD; Ferrucci JT Jr; Simeone JF; Wismer G; White EM; Rosen BR; Brady TJ, (Radiology), 157: 425, 1985
- is 7: 425, 1995
  surface coil MR imaging of abdominal viscera.
  III. the pancreas, Simeone JF; Edelman RR;
  Stark DD; Wittenberg J; White EM; Butch RJ;
  Mueller PR; Brady TJ; Ferrucci JT Jr,
  (Radiology), 157: 437, 1985
- surface coil MR imaging of abdominal viscera.
  II: the adrenal glands, White EM;
  Edelman RR; Stark DD; Simeone JF; Mueller PR; Brady TJ; Wittenberg J; Butch RJ; Ferrucci JT Jr, (Radiology), 157:
- surface coil proton MR imaging at 2 T, Roschmann P; Tischler R, (Radiology), **161**: 251, 1986
- synthesized MR images: comparison with acquired images, Bobman SA; Riederer SJ; Lee JN; Suddarth SA; Wang HZ; MacFall JR, (Radiology), 155: 731, 1985 technical considerations for the use of surface
- coils in MRI, Kulkarni MV; Patton JA; Price RR, (AJR), 147: 373, 1986 technical factors in MR image quality, Koehler PR; Daniels DL; Williams AL; et al,
- (Neuroradiol), 28: 74, 1986
- technique for velocity imaging using magnetic resonance imaging, Ridgway JP; Smith MA, (Br J Radiol), 59: 603, 1986
- test method for MR image slice profile, Chui M; Blakesley D; Mohapatra S, (JCAT), 9: 1150, 1985
- 9: 1100, 1995
  thin-section definition in magnetic resonance
  imaging: technical concepts and their
  implementation, Crooks LE; Watts JC;
  Hoenninger JC; Arakawa M; Kaufman L;
  Guenther H; Feinberg DA, (Radiology), 154:
  462-1
- three-dimensional MR imaging of the knee using surface coils, Harms SE; Muschler G, (JCAT), **10**: 773, 1986
- time-of-flight method of measuring flow velocity by magnetic resonance imaging, Axel L; Shimakawa A; MacFall JR, (Magn Res Imag), 4: 199, 1986
- tracheobronchial tree and pulmonary arteries: MR imaging using electronic axial rotation, Ross JS; O'Donovan PB; Paushter DM, (Radiology), 160: 839, 1986
- transferring MR images to radiotherapy localization films, Daffner RH; Dutta TK; Whitman DA, (AJR), **145**: 186, 1985
- transmission line matching of surface coils, Martin JF; Daly CP, (Magn Res Med), 3: 346,
- use of agar gel as a basic reference material for calibrating relaxation times and imaging parameters, Mathur-De Vre R; Grimee R; Parmentier F; et al, (Radiology), 157: 285,

- use of closely coupled receiver coils in MR imaging: practical aspects, Bydder GM; Curati WL; Gadian DG; et al, (JCAT), 9: 987,
- use of spherical receiver coils in MR imaging of the brain, Bydder GM; Butsen PC; Harman RR; et al, (JCAT), 9: 413, 1985
- utilization characteristics of a superconductive MR system undergoing initial clinical trial, Murphy WA; Totty WG; Gado M; et al, (JCAT), 9: 258, 1985
- value of paraxial slices in MR-imaging of spinal cord disease, Gawehn J; Schroth G; Thron A, (Neuroradiol), 28: 347, 1986
- variable magnetic resonance imaging parameters: effect on pathologic size and conspicuity, Posin JF; Ortendahl DA; Hylton MK; Kaufman L; Watts JC; Crooks LE; Mills CM, (Radiology), 155: 719,
- varying gradient angles and offsets to optimize imaging planes in MR, Slone RM; Buck LL; Fitzsimmons JR, (Radiology), 158: 531, 1986
- ventilator for magnetic resonance imaging, Hedlund LW; Deitz J; Nassar R; et al, (Invest Radiol), **21:** 18, 1986
- verification and evaluation of internal flow and motion: true magnetic resonance imaging by the phase gradient modulation method, Moran PR; Moran RA; Karstaedt N, (Radiology), 154: 433, 1985
- visualization of moving fluid: quantitative analysis of blood flow velocity using MR imaging, Shimizu K, Matsuda T; Sakurai T; Fujita A; Ohara H; Okamura S; Hashimoto S; Mano H; Kawai C; Kiri M, (Radiology), 159: 195, 1986

### Magnetic resonance (MR), tissue characterization

- abdominal neuroblastoma: magnetic odominal neuroblastoma: magnetic resonance imaging and tissue characterization, Fletcher BD; Kopiwoda SY; Strandjord SE; Nelson AD; Pickering SP, (Radiology), 155: 699, 1985
- adrenal tissue characterization using MR imaging, Glazer GM; Woolsey EJ; Borrello J; Francis IR; Aisen AM; Bookstein FL; Amendola MA; Gross MD; Bree RL; Martel W, (Radiology), **158**: 73, 1986
- bone marrow imaging: magnetic resonance studies related to age and sex. Dooms GC; Fisher MR; Hricak H; Richardson M; Crooks LE; Genant HK, (Radiology), 155:
- brain tumors: detection and typing by use of CPMG sequences and in vivo T2 measurements, Rinck PA; Meindl S; Higer HP; Bieler EU; Pfannenstiel P, (Radiology), 157: 103, 1985
- characterization of proton NMR relaxation times in normal and pathologic tissues by correlation with other tissue parameters, Cameron IL; Ord VA; Fullerton GD, (Radiology), 157: 284, 1985
- early-phase myocardial infarction: evaluation by MR imaging, Tscholakoff D; Higgins CB; McNamara MT; Derugin N, (Radiology), 159: 667, 1986
- Gd-DTPA contrast enhancement and tissue differentiation in MR imaging of experimental breast carcinoma, Revel D; Brasch RC; Paajanen H; Rosenau W; Grodd W; Engelstad B; Fox P; Winkelhake J, (Radiology), 158: 319, 1986
- hematopoietic and fatty bone marrow distribution in the normal and ischemic hip: new observations with 1.5-T MR imaging, Mitchell DG; Rao VM; Dalinka MK; Spritzer CE; Axel L; Gefter WB; Kricun ME; Steinberg ME; Kressel HY, (Radiology), 161: 199, 1986
- hepatic tumors: differentiation by transverse relaxation time (T2) of magnetic resonance imaging, Ohtomo K; Itai Y; Furui S; Yashiro N; Yoshikawa K; Iio M, (Radiology), 155: 421, 1985
- iliopsoas muscles: MR study of normal anatomy and disease, Weinreb JC; Cohen JM; Maravilla KR, (Radiology), **156**:
- influence of physiologic motion on the appearance of tissue in MR, Ehman RL; McNamara MT; Brasch RC; Felmlee JP; Gray JE; Higgins CB, (Radiology), 159: 777, 1986

- liver metastases: detection by phase-contrast MR imaging, Stark DD; Wittenberg J; Middleton MS; Ferrucci JT Jr, (Radiology), 158: 327, 1986
- magnetic field dependence of 1/T1 of protons in tissue, Koenig SH; Brown RD III; Adams D; et al, (Radiology), **153**: 858, 1984
- magnetic resonance imaging in the diagnosis of breast disease: use of transverse relaxation times, McSweeney MB; Small WC; Cerny V; Sewell W; Powell RW; Goldstein JH, (Radiology), 153: 741, 1984
- (nautology), 353, 741, 1794 magnetic resonance imaging of discrete and conglomerate retroperitoneal lymph node masses, Lawson TL: Foley WD: Thorsen MK; Chintapalli K; Smith DF; Alpern M; Arevalos E; Perlman S; Reif L; Kneeland JB, (Radiographics), 5: 971, 1985
- method for the clinical measurement of relaxation times in magnetic resonance imaging, Hickey DS: Checkley D; Aspden RM; et al., (Br J Radiol), **59**: 565, 1986
- MR technology: effect of even-echo rephasing on calculated T2 values and T2 images, Kucharczyk W; Brant-Zawadzki M; Lemme-Pleghos L; Uske A; Kjos BO; Feinberg DA; Norman D, (Radiology), 157: 95, 1985
- NMR in experimental cerebral edema: value of T1 and T2 calculations, Brant-Zawadzki M; Bartkowski HM; Ortendahl DA; et al, (AINR), 5: 125, 1984
- NMR relaxation times from serial stereotactic biopsies in human brain tumors, Le Bas JF; Leviel JL; Decorps M; et al, (JCAT), 8: 1048,
- orientation of tendons in the magnetic field and its effect on T2 relaxation times, Fullerton GD; Cameron IL; Ord VA, (Radiology), 155: 433, 1985
- proton magnetic resonance relaxation behavior of whole muscle with fatty inclusions, Fullerton GD; Cameron IL; Hunter K; Fullerton HJ, (Radiology), **155**:
- proton magnetic resonance relaxation times T1 and T2 related to postmortem interval: investigation on porcine brain tissue, Gyorffy-Wagner Z; Englund E; Larsson EM; et al, (Acta Radiol [Diagn]), 27: 115, 1986
- pulse sequence extrapolation with MR image synthesis, Bobman SA, Riederer SJ; Lee JN; Tasciyan T; Farzaneh F; Wang HZ, (Radiology), **159**: 253, 1986
- separate water and fat MR images, Ordidge RJ; Van de Vyver FL, (Radiology), 157: 551, 1985
- separate water and fat MR images: reply, Dixon WT; Lee JKT, (Radiology), 157: 552,
- strategy for magnetic resonance imaging of the head: results of a semi-empirical model. part I, Droege RT; Wiener SN; Rzeszotarski MS, (Radiology), 153: 419, 1984
- T2 estimates in healthy and diseased brain tissue: comparison using various MR pulse sequences, Darwin RH; Drayer BP; Riederer Sj; Wang HZ; MacFall JR, (Radiology), 160: 375, 1986
- urinary bladder MR imaging, part II. neoplasm, Fisher MR; Hricak H; Tanagho EA, (Radiology), **157:** 471, 1985

### Magnification

- stomach and duodenum: radiographic magnification using computed radiography (CR), Nakano Y; Togashi K; Nishimura K; Itoh K; Fujisawa I; Asato R; Adachi H; Itoh H; Torizuka K, (Radiology), 160: 383, 1986.
- subselective magnification angiography of experimental pneumonia, Bookstein JJ; Alazraki NP; Jassy LN, (Radiology), **150**: 301,

### Malabsorption

- jejunal fold separation in adult celiac disease: relevance of enteroclysis, Herlinger H; Maglinte DDT, (Radiology), **158**: 605, 1986
- sonographic demonstration of malabsorption in neonates, Avni EF; Van Gansbeke D; Rodesch P; et al, (J Ultrasound Med), 5: 85,

# Malacoplakia

malakoplakia of the maxillary sinus, Nistal M; Regadera J; Razquin S; et al, (Radiology), 158: 861, 1986

- renal parenchymal malakoplakia. a report of two cases. the radiological and ultrasound images, Pamilo M; Kulatunga A; Martikainen J, (Radiology), 155: 272, 1985
- Mammography See Breast radiography

# Mandible

# Manganese

hemodynamic effects of rapid and slow infusions of manganese chloride and gadolinium-DTPA in dogs, Slutsky RA; Peterson T; Strich G; Brown JJ, (Radiology), 154: 733, 1985

## Mannitol

- quantitative CT assessment of furosemide- and mannitol-induced changes in brain water content, Cascino TL; Baglivo J; Conti J; et al, (Radiology), 151: 550, 1984
- Marfan syndrome
- lartan syndrome aortic dissection: magnetic resonance imaging, Amparo EG; Higgins CB; Hricak H; Sollitto R, (Radiology), 155: 399, 1985 ductus arteriosus aneurysm in Marfan syndrome, Muller NL; Mayo J; Culham JAG; et al, (J Canad Assoc Radiol), 37, 105: 1086.
- intravenous digital subtraction aortography in the preoperative and postoperative evaluation of Marfan's aortic disease, Detrano R; Moodie DS; Gill CC; et al. (Radiology), 158: 573, 1986
- sacral abnormalities in Marfan syndrome, Fishman EK; Zinreich SJ; Kumar AJ; et al, (Radiology), 152: 261, 1984

### Masticator space

Mastocytosis case report 369, Rodenberg JC; Maegaard KK; Svanholm H, (Skeletal Radiol), 15: 334, 1986

mastoid pneumatization. evidence of the environmental theory, Tos M; Stangerup S-E; Hvid G, (Radiology), **155**: 551, 1985

- computerized tomographic evaluation of the middle ear and mastoid for posttraumatic hearing loss, Swartz JD; Swartz NG; Korsvik H; et al, (Radiology), 159: 287, 1986
- Mastoid, cysts
- large cholesterol granuloma cysts in the mastoid: clinical and histopathologic findings, Palva T; Lehto V-P; Johnsson L-G; et al., (Radiology), 161: 862, 1986

### Mastoid, inflammation

### See Mastoiditis

# Mastoiditis

- Astoiditis
  acute otomastoiditis and its complications: role
  of CT, Mafee MF; Singleton EL;
  Valvassori GE; Espinosa GA; Kumar A;
  Aimi K, (Radiology), 155: 391, 1985
  chronic otomastoiditis: conceptual
  understanding of CT findings, Mafee MF;
  Aimi K; Kahen HL; Valvassori GE; Capek V,
  (Radiology), 160: 193, 1986
  temporal bone region: high-resolution MR
  imaging using surface coils, Koenig H;
  Lenz M; Sauter R, (Radiology), 159: 191,
  1986
- 1986

# Maxilla

# See Jaws

- McCune-Albright syndrome
- pituitary and ovarian abnormalities demonstrated by CT and ultrasound in children with features of the McCune-Albright syndrome, Rieth KG; Comite F; Shawker TH; Cutler GB Jr, (Radiology), 153: 389, 1984

### Measles

- mediastinal and subcutaneous emphysema associated with childhood measles, Odita JC; Akamaguna AI, (Radiology), 155: 854, 1985 symmetrical low density areas in bilateral thalami in an infant with measles encephalitis, Ochi J; Okuno T; Uenoyama Y; et al., (Comput Radiol), 10: 137, 1986

### Meckel diverticulum

See Intestines, diverticula

### Meconium

- econium early diagnosis and intrauterine therapy of meconium plug syndrome in the fetus: risks and benefits, Samuel N; Dicker D; Landman J; et al, (J Ultrasound Med), 5: 425,
- introduction fibroadhesive meconium peritonitis: in utero sonographic diagnosis, Nancarrow PA; Mattrey RF; Edwards DK; et al, (J Ultrasound Med), 4: 213, 1985

- importance of mesenteric vascular insufficiency in meconium peritonitis, Tibboel D; Gaillard JLJ; Molenaar JC, (Radiology), **161**: 858, 1986
- (Radiology), 101: 6369, 1760
  meconium disease in premature infants with very low birth weight, Vinograd I; Mogle P; Peleg O; et al. (Radiology), 152: 851, 1984
  meconium peritonitis with thoracic extension, Kimball D; Smith W, (AJR), 144: 113, 1985
- pediatric case of the day, Day DL; Allan BT, (AJR), 144: 1296, 1985
- prenatal sonographic appearance of meconium ileus in twins, Denholm TA; Crow HC; Edwards WH; et al, (AJR), 143: 371, 1984
- radiographic diagnosis of meconium peritonitis. a report of 200 cases including six fetal cases, Pan EY; Chen LY; Yang JZ; et al, (Radiology), **150**: 859, 1984
- scrotal masses caused by meconium peritonitis: prenatal sonographic diagnosis, Kenney PJ; Spirt BA; Ellis DA; Patil U, (Radiology), 154: 362, 1985
- of meconium peritonitis, Williams J III; Nathan RO; Worthen NJ, (Radiology), 156: 282, 1985

### Mediastinitis

- of pulmonary vascular obstruction by magnetic resonance imaging, Farmer DW; Moore EH; Amparo EG; et al. (AJR), 143: 1189, 1984
- magnetic resonance imaging of fibrosing mediastinitis, Rholl KS; Levitt RG; Glazer HS, (AJR), 145: 255, 1985
- mediastinitis after cardiac valve operations: impact upon survival, Cheung EH; Craver JM; Jones EL; et al, (Radiology), **160**:
- role of computed tomography in acute and subacute mediastinitis, Breatnach E; Nath PH; Delany DJ, (Clin Radiol), 37: 139,

### Mediastinum

- glossary of terms for thoracic radiology: recommendations of the Nomenclature Committee of the Fleischner Society, Tuddenham WJ, (AJR), 143: 509, 1984
- mediastinal impressions on the dilated esophagus, Chasen MH; Rugh KS; Shelton DK, (Radiol Clin North Am), 22: 591, 1984
- posterosuperior mediastinal widening in aortic coarctation, Woodring JH; Rhodes RA III, (AJR), 144: 23, 1985
- surgical treatment of idiopathic mediastinal fibrosis: report of five cases, Mitchell IM; Saunders NR; Maher O; et al. (Radiology), 161: 283, 1986
- vascular pedicle of the heart and the vena azygos, part II: acquired heart disease, Pistolesi M; Milne ENC; Miniati M; Giuntini C, (Radiology), **152**: 9, 1984
- vascular pedicle of the heart and the vena azygos. part I: the normal subject, Milne ENC; Pistolesi M; Miniati M; Giuntini C, (Radiology), **152**: 1, 1984

# Mediastinum, abnormalities

- mediastinal position and air-fluid height after pneumonectomy: effect of the respiratory cycle, Wechsler RJ; Goodman LR, (AJR), 145: 1173, 1985
- some uncommon lower mediastinal densities: a pictorial essay, Pantoja E; Kattan KR; Thomas HA, (Radiol Clin North Am), 22: 633 1984

### Mediastinum, abscess

percutaneous catheter aspiration and drainage of suspected mediastinal abscesses, Gobien RP; Stanley IH; Gobien BS; Vujic I; Pass HI, (Radiology), 151: 69, 1984

### Mediastinum, anatomy

- mediastinum in non-small cell lung cancer: CT-surgical correlation, Glazer GM; Orringer MB; Gross BH; et al, (AJR), 142: 1101, 1984
- normal mediastinal lymph node size and number: CT and anatomic study, Genereux GP; Howie JL, (AJR), 142: 1095,
- normal mediastinal lymph nodes: number and size according to American Thoracic Society mapping, Glazer GM; Gross BH; Quint LE; et al, (AJR). 144: 261, 1985
- superior sinus of the pericardium: CT appearance, Aronberg DJ; Peterson RR; Glazer HS; Sagel SS, (Radiology), 153: 489,

Mediastinum, biopsy

fine needle aspiration biopsy of mediastinal and peripheral pulmonary masses guided by real-time sonography, Pedersen OM; Aasen TB; Gulsvik A; et al. (Radiology), 160:

mediastinal needle biopsy, Moinuddin SM; Lee LH; Montgomery JH, (AJR), 143: 531, 1984

percutaneous fine-needle aspiration biopsy of mediastinal lesions, Weisbrod GL; Lyons DJ; Tao LC; et al, (AJR), 143: 525, 1984

thoracic duct cyst: diagnosis with needle aspiration, Morettin LB; Allen TE, (Radiology), **161:** 437, 1986

### Mediastinum, CT

benign hemangioendothelioma involving posterior mediastinum: CT findings, Tarr RW; Page DL; Glick AG; et al, (JCAT), 10: 865, 1986

calcified lymph node metastases in bronchioloalveolar carcinoma, Mallens WMC; Nijhuis-Heddes JMA; Bakker W, (Radiology), **161:** 103, 1986

carcinomatous involvement of the hilum and arcinomatous involvement of the hitum and mediastinum: computed tomographic and magnetic resonance evaluation, Heelan RT; Martini N; Westcott JL; Bains MS; Watson RC; Caravelli JF; Berkman YM; Henschke CI; McCormack PM; McCaughan BC; Zaman MB, (Radiology), 156: 111, 1985

cavitation of a mediastinal mass following chemotherapy for histiccytosis-X: CT demonstration, Eftekhari F; Shirkhoda A; Cangir A, (JCAT), 10: 130, 1986

comparative merits of conventional, computed tomographic, and magnetic resonance imaging in assessing mediastinal involvement in surgically confirmed lung carcinoma, Martini N; Heelan R; Westcott J; et al. (Radiology), 160: 283, 1986

CT demonstration of isolated mediastinal goiter, Sussman SK; Silverman PM; Donnal JF, (JCAT), 10: 863, 1986

CT diagnosis of mediastinal lymphocele, Sullivan KL; Wechsler RJ, (JCAT), 9: 1110,

CT findings in tuberculous mediastinitis, Barnett SM, (JCAT), **10**: 165, 1986

CT of primary germ-cell tumors of the mediastinum, Levitt RG; Husband JE; Glazer HS, (AJR), **142**: 73, 1984

CT of the thorax: pitfalls in interpretation, Proto AV; Rost RC Jr, (Radiographics), 5: 693, 1985

mediastinal computed tomography in myasthenia gravis, Kaye AD; Janssen R; Arger PH; et al, (Radiology), **151**: 554, 1984

mediastinal evaluation in lung cancer, Libshitz HI; McKenna RJ Jr; Haynie TP; McMurtrey MJ; Mountain CT, (Radiology), 151: 295, 1984

mediastinal lesions in children: comparison of CT and MR, Siegel MJ; Nadel SN; Glazer HS; Sagel SS, (Radiology), **160**: 241,

mediastinal lymph node detection and sizing at CT and autopsy, Quint LE; Glazer GM; Orringer MB; et al, (AJR), **147**: 469, 1986

mediastinal masses: system for diagnosis based on computed tomography, Feigin DS; Padua EM, (CT), 10: 11, 1986

mediastinal tumors: evaluation with suprasternal sonography, Wernecke K; Peters PE; Galanski M, (Radiology), **159**: 405,

mediastinum in non-small cell lung cancer: CT-surgical correlation, Glazer GM; Orringer MB; Gross BH; et al, (AJR), 142: 1101, 1984

MRI and CT of the mediastinum: comparisons, controversies, and pitfalls, Aronberg DJ; Glazer HS; Sagel SS, (Radiol Clin North Am), 23: 439, 1985

narrow superior mediastinum and pseudomasses: CT features, Jardin M; Lemaitre L; Remy J, (JCAT), 10: 603, 1986

normal mediastinal lymph node size and number: CT and anatomic study, Genereux GP; Howie JL, (AJR), 142: 1095,

oblique hilar tomography, computed tomography, and mediastinoscopy for prethoracotomy staging of bronchogenic carcinoma, Khan A; Gersten KC; Garvey J; Khan FA, (Radiology), 156: 295, 1985

paratracheal lymphadenopathy: radiographic findings and correlation with CT, Muller NL; Webb WR; Gamsu G, (Radiology), **156**: 761, 1985

(Radiology), 196: 761, 1985 primary lung cancer staging: prospective comparative study of MR imaging with CT, Musset D: Grenier P: Carette MF; Frija G; Hauuy MP; Desbleds MT; Girard P; Bigot JM; Lallemand D, (Radiology), 160: 607, 1986

role of computed tomography in acute and subacute mediastinitis, Breatnach E; Nath PH; Delany DJ, (Clin Radiol), 37: 139,

unusual presentation of mediastinal Hodgkin's lymphoma on computed tomography, Wycoco D; Raval B, (Radiology), 150: 614, 1984

### Mediastinum, cysts

bronchogenic cyst with high CT number: analysis of contents, Nakata H; Sato Y; Nakayama T; et al, (JCAT), 10: 360, 1986

diagnosis and treatment of a bronchogenic cyst using transbronchial needle aspiration, Schwartz AR; Fishman EK; Wang KP, (Radiology), **161**: 573, 1986

foregut cysts of the mediastinum: results in 20 consecutive surgically treated cases, Sirivella S; Ford WB; Zikria EA; et al, (Radiology), **160**: 283, 1986

imaging of foregut duplication cysts, Fitch SJ; Tonkin ILD; Tonkin AK, (Radiographics), 6: 189, 1986

pancreatic pseudocyst of the mediastinum: evaluation by CT, Maier W; Roscher R; Malfertheiner P; et al, (Eur J Radiol), **6**: 70,

'solid'' mediastinal bronchogenic cyst: mineralogic analysis, Yernault J-C; Kuhn G; Dumortier P; et al, (AJR), **146:** 73, 1986

# Mediastinum, hemorrhage

mediastinal hematoma simulating recurrent Hodgkin disease during systemic chemotherapy, Bethancourt B. Pond GD; Jones SE; et al. (AJR), 142: 1119, 1984

mediastinal hemorrhage: an evaluation of radiographic manifestations, Woodring JH; Loh FK; Kryscio RJ, (Radiology), **151:** 15,

### Mediastinum, inflammation

See Mediastinitis

### Mediastinum, injuries

mediastinal-width/chest-width ratio in blunt chest trauma: a reappraisal, Marnocha KE; Maglinte DDT; Woods J; et al, (AJR), 142: 275, 1984

vascular pedicle and the vena azygos. part III: in trauma—the "vanishing" azygos, Milne ENC; Imray TJ; Pistolesi M; Miniati M; Giuntini C, (Radiology), 153: 25,

# Mediastinum, MR studies

bronchogenic carcinoma: staging with MR compared with staging with CT and surgery, Webb WR; Jensen BG; Sollitto R; de Geer G; McCowin M; Gamsu G; Moore EH, (Radiology), 156: 117, 1985

carcinomatous involvement of the hilum and reinomatous involvement of the fillum and mediastinum: computed tomographic and magnetic resonance evaluation, Heelan RT; Martini N; Westcott JL; Bains MS; Watson RC; Caravelli JF; Berkman YM; Henschke Cl; McCormack PM; McCaughan BC; Zaman MB, (Radiology), 156: 111, 1985

comparative merits of conventional, computed imparative merits of conventional, computed tomographic, and magnetic resonance imaging in assessing mediastinal involvement in surgically confirmed lung carcinoma, Martini N; Heelan R; Westcott J; et al. (Radiology), 160: 283, 1986

coronal magnetic resonance imaging of the chest: normal and abnormal, Webb WR; Jensen BG; Gamsu G; Sollitto R; Moore EH, (Radiology), 153: 729, 1984

differentiation of volume averaging and mass on magnetic resonance images of the mediastinum, Webb WR; Moore EH, (Radiology), 155: 413, 1985

evaluation of magnetic resonance sequences in imaging mediastinal tumors, Webb WR; Gamsu G; Stark DD; et al, (AJR), 143: 723, 1984

magnetic resonance imaging of benign mediastinal masses, Gamsu G; Stark DD; Webb WR; Moore EH; Sheldon PE, (Radiology), 151: 709, 1984

magnetic resonance imaging of fibrosing mediastinitis, Rholl KS; Levitt RG; Glazer HS, (AJR), 145: 255, 1985

magnetic resonance imaging of the hila and mediastinum, Webb WR, (Cardiovasc Intervent Radiol), 8: 306, 1986

magnetic resonance imaging of the mediastinum, Poon PY; Bronskill MJ; Henkelman RM; et al, (J Canad Assoc Radiol), 37: 173, 1986

mediastinal lesions in children: comparison of CT and MR, Siegel MJ; Nadel SN; Glazer HS; Sagel SS, (Radiology), **160**: 241,

mediastinal masses: MR imaging, von Schulthess GK; McMurdo KK; Tscholakoff D; de Geer G; Gamsu G; Higgins CB, (Radiology), 158: 289, 1986

MRI and CT of the mediastinum: comparisons, controversies, and pitfalls, Aronberg DJ; Glazer HS; Sagel SS, (Radiol Clin North Am), 23: 439, 1985

MRI evaluation of mediastinal and thoracic inlet venous obstruction, Weinreb JC; Mootz A; Cohen JM, (AJR), 146: 679, 1986

MR imaging of the hilum and mediastinum: effects of cardiac gating, Westcott JL; Henschke CI; Berkmen Y, (JCAT), 9: 1073,

MR imaging of the mediastinum: a retrospective comparison with computed tomography, Epstein DM; Kressel H; Gefter WB; et al, (Radiology), 155: 283, 1985

nuclear magnetic resonance imaging of the hilum and mediastinum: a comparison with CT and hilar tomography. Berquist TH; Brown LR, (Radiographics), 4: 151, 1984

primary lung cancer staging: prospective comparative study of MR imaging with CT, Musset D; Grenier P; Carette MF; Frija G; Hauuy MP; Desbleds MT; Girard P; Bigot JM; Lallemand D, (Radiology), 160: 607, 1986

### Mediastinum, neoplasms

accuracy of chest computerized tomography in detecting malignant hilar and mediastinal detecting matignant hilar and mediastinal involvement by squamous cell carcinoma of the lung, Frederick HM; Bernardino ME; Baron M; et al., (Radiology), 156: 280, 1985 benign hemangioendothelioma involving posterior mediastinum: CT findings, Tarr RW, Page DL; Glick AG; et al., (JCAT), 10: 865, 1986

benign mixed tumor of salivary gland origin presenting as a mediastinal mass, Gale JT; Mendelson DS; Cohen BA; et al, (CT), 10: 23,

arcinomatous involvement of the hilum and mediastinum: computed tomographic and magnetic resonance evaluation, Heelan RT; Martini N; Westcott JL; Bains MS; Watson RC; Caravelli JF; Berkman YM; Henschke Cl; McCormack PM; McCaughan BC; Zaman MB, (Radiology), 156: 111, 1985

case report: infiltrative fibromatosis: rare cause of fatal haemorrhage, Ashby MA; Harmer CL; McKinna JA; et al, (Clin Radiol), 37: 193, 1986

comparative merits of conventional, computed omparative merits of conventional, computer tomographic, and magnetic resonance imaging in assessing mediastinal involvement in surgically confirmed lung carcinoma, Martini N; Heelan F Westcott J; et al, (Radiology), 160: 283, 1986

computed tomography: effective technique for mediastinal staging in lung cancer, Daly BD Jr; Faling J; Pugatch RD; et al, (Radiology), 156: 281, 1985

CT of primary germ-cell tumors of the mediastinum, Levitt RG; Husband JE; Glazer HS, (AJR), 142: 73, 1984

differentiation of volume averaging and mass on magnetic resonance images of the mediastinum, Webb WR: Moore EH, (Radiology), 155: 413, 1985

echocardiographic evidence of mediastinal lymph node enlargement in T-acute lymphoblastic leukemia with acute pericarditis, Mancuso L; Bondi F; lacona MA; et al, (JCU), 14: 296, 1986

evaluation of magnetic resonance sequences in imaging mediastinal tumors, Webb WR; Gamsu G; Stark DD; et al, (AJR), 143: 723,

imaging of foregut duplication cysts, Fitch SJ; Tonkin ILD; Tonkin AK, (Radiographics), 6:

malignant thymoma: role of radiation therapy in management, Kersh CR; Eisert DR; Hazra TA, (Radiology), 156: 207, 1985

mediastinal cystic hygromas: CT characteristics and pathogenetic consideration, Shin MS; Berland LL; Ho K-J, (JCAT), 9: 297, 1985

(JCA1), 9: 297, 1985 mediastinal evaluation in lung cancer, Libshitz HI; McKenna RJ Jr; Haynie TP; McMurtrey MJ; Mountain CT, (Radiology), 151: 295, 1984

mediastinal lesions in children: comparison of CT and MR, Siegel MJ; Nadel SN; Glazer HS; Sagel SS, (Radiology), 160: 241,

mediastinal lymph node detection and sizing mediastnai iympi node detection and sizing at CT and autopsy, Quint LE; Glazer GM; Orringer MB; et al, (AJR), 147: 469, 1986 mediastinal lymph node size in lung cancer, Libshitz HJ; McKenna RJ Jr, (AJR), 143: 715,

1984
mediastinal masses: MR imaging, von Schulthess GK: McMurdo KK;
Tscholakoff D; de Geer G; Gamsu G;
Higgins CB, (Radiology), 158: 289, 1986
mediastinal masses: system for diagnosis based on computed tomography, Feigin DS;
Padua EM, (CT), 10: 11, 1986

mediastinal tumors: evaluation with suprasternal sonography, Wernecke K; Peters PE; Galanski M, (Radiology), 159: 405,

normal and occluded mediastinal veins: MR imaging, McMurdo KK; de Geer G; Webb WR; Gamsu G, (Radiology), **159**: 33,

1986
oblique hilar tomography, computed tomography, and mediastinoscopy for prethoracotomy staging of bronchogenic carcinoma, Khan A; Gersten KC; Garvey J; Khan FA, (Radiology), 156: 295, 1985 paratracheal lymphadenopathy: radiographic findings and correlation with CT, Muller NL; Webb WR; Gamsu G, (Radiology), 156: 761, 1985 primary mediastinal seminoma, Aygun C; Slawson RG; Bajaj K; et al, (Radiology), 153: 265, 1984

265, 1984

265, 1984 roentgenographic evaluation of mediastinal nodes for preoperative assessment in lung cancer, McKenna RJ Jr; Libshitz HI; Mountain CE; et al., (Radiology), 158: 565,

sonographic findings in mediastinal embryonal carcinoma, Marx MV; Cunningham JJ, (J Ultrasound Med), 5: 41,

superior vena caval syndrome in primary mediastinal germ cell tumors, Holbert BL; Libshitz HI, (J Canad Assoc Radiol), 37: 182,

1986

Ti NoMo bronchogenic carcinoma: assessment by CT, Pearlberg JL; Sandler MA; Beute GH; Madrazo BL, (Radiology), 157; 187, 1985 ultrasonography of mediastinal teratoma, Ikezoe J; Morimoto S; Arisawa J; et al., (JCU),

14-513 1986 14: 513, 1966 utility of CT in detecting postpneumonectomy carcinoma recurrence, Glazer HS; Aronberg DJ; Sagel SS; et al, (AJR), 142: 487,

Mediastinum, radiography digital and conventional chest imaging: modified ROC study of observer performance using simulated nodules, Chakraborty DP; Breatnach ES; Vester MV; Soto B; Barnes GT; Fraser RG, (Radiology), 158, 25 cosc. 158: 35, 1986

Mediastinum, US studies mediastinal tumors: evaluation with suprasternal sonography, Wernecke K; Peters PE; Galanski M, (Radiology), 159: 405,

1986
sonographic examination of the mediastinum
and upper abdomen by fiberoptic
gastroscope, Rifkin MD; Gordon SJ;
Goldberg BB, (Radiology), 151: 175, 1984
sonographic findings in mediastinal
embryonal carcinoma, Marx MV;
Cunningham JJ, (J Ultrasound Med), 5: 41,
1986

ultrasonography of mediastinal teratoma, Ikezoe J; Morimoto S; Arisawa J; et al. (JCU), 14: 513, 1986

14: 513, 1986
water-path ultrasound of chest disease in childhood, Miller JH; Reid BS;
Kemberling CR, (Radiology), 152: 401, 1984
Medico-legal problems
antitrust aspects of exclusive contracts in medical imaging, James AE Jr; Sloan FA;
Hamilton R; Chick B; Zaner RM;
Pendergrass HP; Stephens WH;
Quimby CW Jr; Greeson T, (Radiology), 156: 237, 1985

ectopic pregnancy: malpractice paradigm, James AE Jr; Fleischer AC; Sacks GA; Greeson T, (Radiology), **160**: 411, 1986

guidelines for obstetrical scanning and reporting; legal necessity, Bundy AL; Jones TB, (J Ultrasound Med), 4: 483, 1985

influence of Oltrasound Med), 4: 485, 1985 influence of federal and state regulations on the acquisition and operation by hospitals of magnetic resonance imaging scanners, Bartlett SW, (Cardiovasc Intervent Radiol), 8: 394, 1986

legal and ethical choices in a technologic discipline: imaging centers, DRCs, and the radiologist, James AE Jr; Greeson T; Price RR; et al, (Invest Radiol), 21: 746, 1986

legal and ethical issues in a technologic discipline: new times, new choices, James AE Jr; Greeson T; Price RR; et al, (Invest Radiol), 21: 673, 1986

legal importance of the medical history, Bundy AL, (Radiology), 153: 264, 1984

licensing criteria for nuclear medicine, Westerman BR, (Semin Nucl Med), 16: 171,

medical image management, James AE Jr; Carroll F; Pickens DR III; Chapman JC; Robinson RR; Pendergrass HP; Zaner R, (Radiology), **160**: 847, 1986

radiologists and informed-consent lawsuits, Spring DB; Tennenhouse DJ; Akin JR; Margulis AR, (Radiology), **156**: 245, 1985

radiology malpractice lawsuits: California jury verdicts, Spring DB; Tennenhouse DJ, (Radiology), 159: 811, 1986

response of patients to informed consent for excretory urography, Winfield AC; Ford CV; James AE Jr; et al, (Urol Radiol), 8: 35, 1986

## Medulla oblongata

See Brain stem

## Medullary sponge kidney

See Kidney, abnormalities

### Medulloblastoma

cerebellar medulloblastoma in adults Hughs PG, (Radiology), 154: 285, 1985

cystic adult medulloblastomas, Hyman AD; Lanzieri CF; Solodnik P; et al, (CT), 10: 139, 1986

early CT detection of intracranial seeding from medulloblastoma, North C; Segall HD; Stanley P; et al, (AJNR), 6: 11, 1985

incidence of late endocrine dysfunction following irradiation for childhood medulloblastoma, Abayomi OK; Sadeghi Nejad A, (Int J Radiat Oncol Biol Phys), 12: 945, 1986

increasing weight and girth after neurosurgery, Martino CR; Williams CD III; Schultz CL; et al, (Invest Radiol), 21: 98, 1986

intracranial calcification in survivors of childhood medulloblastoma, Pearson ADJ; Campbell AN; McAllister VL; et al, (Radiology), 150: 613, 1984

medulloblastoma in infants and children: computed tomographic follow-up after treatment, Lee Y-Y; Glass JP; van Eys J; Wallace S, (Radiology), **154**: 677, 1985

medulloblastoma therapy using electron beams, Vijayakumar S; Muller-Runkel R, (Radiology), **157**: **541**, 1985

## Megacolon

See Colon, dilatation

# Megacystis-microcolon-intestinal hypoperistalsis syndrome (MMIH)

megacystic-microcolon-intestinal hypoperistalsis syndrome in a male infant, Willard DA; Gabriele OF, (JCU), 14: 481,

## Melanoma

choroidal melanoma: comparison of CT, fundoscopy, and US, Peyster RG; Augsburger JJ; Shields JA; Satchell TV; Markoe AM; Clarke K; Haskin ME, (Radiology), 156: 675, 1985

choroidal melanomas: correlation of NMR spectroscopy and MR imaging, Gomori JM; Grossman RI; Shields JA; Augsburger JJ; Joseph PM; DeSimeone D, (Radiology), 158: 443, 1986

conventional fractionated radiotherapy for 51 patients with lentigo maligna and lentigo maligna melanoma, Hawwood AR, (Radiology), 154: 572, 1985

diffuse pulmonary metastasis in melanoma: radiographic-pathologic correlation, Dwyer AJ; Reichert CM; Woltering EA; et al, (AJR), 143: 983, 1984

investigative studies in the diagnosis and treatment of melanoma, Seigler HF, (Invest Radiol), 21: 596, 1986

iodothiouracil as a melanoma localizing agent, Coderre JA; Packer S; Fairchild RG; et al. (J Nucl Med), 27: 1157, 1986

malignant melanoma of the eye: treatment of posterior uveal lesions by Co-60 plaque radiotherapy versus enucleation, Markoe AM; Brady LW Jr; Shields JA; Augsburger JJ; Micaily B; Damsker JI; Day JL; Gamel JW, (Radiology), 156: 801, 1985

malignant melanoma of the orbit in a black patient with ocular melanocytosis, Wilkes TDI; Uthman EO; Thorton CN; et al, (Radiology), 155: 280, 1985

malignant uveal melanoma and similar lesions studied by computed tomography, Mafee MF; Peyman GA; McKusick MA, (Radiology), **156**: 403, 1985

metastatic melanoma to the epididymis suspected on preoperative ultrasound, Anderson MW; McGahan JP, (JCU), 14: 644,

phase 1 immunolymphoscintigraphy with an In-111-labeled antimelanoma monoclonal In-111-labeled antimelanoma monocional antibody, Engelstad BL; Spitler LE; Del Rio MJ; Ramos EC; Rosendorf LL; Reinhold CE; Khentigan A; Huberty JP; Corpuz SW; Lee HM; Okerlund MD; Hattner RS; Scannon PJ, (Radiology), 161:

primary melanoma of the middle ear, McKenna EL Jr; Holmes WF; Harwick R, (Radiology), **156**: 862, 1985

radiation biology of malignant melanoma, Rofstad EK, (Acta Radiol [Oncol]), 25: 1, 1986

radiation response of human melanoma multicellular spheroids measured as single cell survival, growth delay, and spheroid cure: comparisons with the parent tumor xenograft, Rofstad EK; Wahl A; Brustad T. (Int J Radiat Oncol Biol Phys), 12: 975, 1986

radiation therapy for brain metastases from malignant melanoma, Stridsklev IC; Hagen S; Klepp O, (Radiology), 156: 285, 1985

Indistribution of melanoma utilizing In-111 96.5 monoclonal antibody: preliminary report, Halpern SE; Dillman RO; Witztum KF; Shega JF; Hagan PL; Burrows WM; Dillman JB; Clutter ML; Sobol RE; Frencke JM; Bartholomew RM; David GS; Carlo DJ, (Radiology), 155: 493, 1985

response of human neuroblastoma and melanoma multicellular tumor spheroids (MTS) to single dose irradiation, Evans SM; Labs LM; Yuhas JM, (Int J Radiat Oncol Biol Phys), 12: 969, 1986

role of radiotherapy in recurrent and metastatic malignant melanoma: clinical radiobiological study, Overgaard J, (Int J Radiat Oncol Biol Phys), 12: 867, 1986

SPECT in gallium imaging in a patient with metastatic melanoma, Edeburn GF; Tow DE, (Clin Nucl Med), 11: 528, 1986

use of I-131 labeled, murine Fab against a high molecular weight antigen of human molecular weight antigen of human melanoma: preliminary experience, Larson SM; Carrasquillo JA; McGuffin RW; Krohn KA; Ferens JM; Hill LD; Beaumier PL; Reynolds JC; Hellstrom KE; Hellstrom I, (Radiology), 155: 487, 1985

amnesia after femorocerebral angiography, Pexman JHW; Coates RK, (Radiology), 152: 555, 1984

behavioral effects of exposure to nuclear magnetic resonance imaging: II. spatial memory tests, Innis NK; Ossenkopp K-P; Prato FS; et al, (Magn Res Imag), 4: 281, 1986

## Meniere disease

See Ear, diseases

## Meninges

See also Arachnoid

dural arteriovenous malformations of the base of the anterior cranial fossa, Ito J; Imamura H; Kobayashi K; et al, (Radiology), 151: 266, 1984 significance of dural supply of central nervous system lesions, Lasjaunias P; Berenstein A; Moret J, (Radiology), **151**: 268, 1984

spontaneous closure of a dural arteriovenous fistula associated with acute hearing loss, Landman IA: Braun IF, (AJNR), 6: 448, 1985

traumatic dural tears: CT diagnosis using metrizamide, Morris RE; Hasso AN; Thompson JR; Hinshaw DB Jr; Vu LH, (Radiology), 152: 443, 1984

Meninges, CT

Meckel cave: computed tomographic study.
part I: normal anatomy; part II: pathology,
Kapila A; Chakeres DW; Blanco E,
(Radiology), 152: 425, 1984
new CT finding in aggressive meningioma,
Shapir J; Coblentz C; Malanson D; et al,
(AJNR), 6: 101, 1985

Meninges, diseases

neurosarcoidosis of the brain and meninges, Leeds NE; Zimmerman RD; Elkin CM; et al, (Semin Roentgenol), **20**: 387, 1985

Meninges, hematoma See Meninges, hemorrhage

Meninges, hemorrhage

chronic subdural hematoma demonstration by magnetic resonance, Sipponen JT; Sepponen RE; Sivula AS, (Radiology), **150**: 79, 1984

head trauma evaluated by magnetic resonance and computed tomography: a comparison, Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR; El Yousef SJ; Clampitt ME; Bonstelle CT; Huss RG, (Radiology), **150**: 71, 1984

Meninges, inflammation

See Meningitis Meninges, MR studies

intracranial meningiomas: high-field MR imaging, Spagnoli MV; Goldberg HI; Grossman RI; Bilaniuk LT; Gomori JM; Hackney DB; Zimmerman RA, (Radiology), 161: 369, 1986

magnetic resonance imaging of meningiomas, Zimmerman RD; Fleming CA; Saint-Louis LA; et al, (AJNR), 6: 149, 1985

Meninges, neoplasms

brain tumors: clinical aspects, Tew JM Jr; Feibel JH; Sawaya R, (Semin Roentgenol), 19: 115, 1984

cerebellopontine angle meningioma. microsurgical excision and follow-up results, Sekhar LN; Jannetta PJ, (Radiology), 153: 854, 1984

cranial computed tomographic abnormalities in leptomeningeal metastasis, Lee Y-Y; Glass JP; Geoffray A; et al, (AJNR), 5: 559,

cystic meningioma presenting as a ring lesion, Zagzag D; Gomori JN; Rappaport ZH; et al, (AJNR), 7: 911, 1986

(AJNN), 7: 711, 1750 differentiation of cerebellopontine angle neuromas and meningiomas with MR imaging, Mikhael MA; Ciric IS; Wolff AP, (JCAT), 9: 852, 1985

extracranial meningiomas of the head and neck, Geoffray A; Lee Y-Y; Jing B-S; et al, (AJNR), 5: 599, 1984

infarction in a meningioma after cardiac arrest, Pullicino P; Wilbur DC; Levy RJ; et al, (Radiology), 151: 551, 1984

intacranial meningiomas: high-field MR imaging, Spagnoli MV; Goldberg HI; Grossman RI; Bilaniuk LT; Gomori JM; Hackney DB; Zimmerman RA, (Radiology), 161: 369, 1986

intraventricular mass lesions, Morrison G; Sobel DF; Kelley WM; Norman D, (Radiology), **153**: 435, 1984

lumbosacral meningioma, Wood JB, Wolpert SM, (AJNR), 6: 450, 1985

magnetic resonance imaging of brain tumors: measurement of T1, Araki T; Inouye T; Suzuki H; Machida T; Iio M, (Radiology),

magnetic resonance imaging of meningiomas, Zimmerman RD; Fleming CA; Saint-Louis LA; et al, (AJNR), 6: 149, 1985

magnetic resonance imaging of the optic nerves and chiasm, Daniels DL; Herfkens RJ; Gager WE; Meyer GA; Koehler PR; Williams AL; Haughton VM, (Radiology), 152: 79, 1984

Meckel cave: computed tomographic study. part I: normal anatomy; part II: pathology, Kapila A; Chakeres DW; Blanco E, (Radiology), 152: 425, 1984

medulloblastomas and retinoblastomas: CT edulioblastomas and rethoblastomas: C images of intracranial meningeal metas Picard L; Almeras M; Delgoffe C; et al, (Radiology), 150: 861, 1984

meningioma cysts, Worthington C; Caron J-L; Melanson D; et al, (Radiology), 161: 863,

MR imaging of meningiomas including studies with and without gadolinium-DTPA, Bydder GM; Kingsley DPE; Brown J; et al, (JCAT), 9: 690, 1985

neuroradiologic features of primary falx osteosarcoma, Wang A-M; Fitzgerald TJ; Lichtman AH; et al, (AJNR), 7: 729, 1986

new CT finding in aggressive menincioma, Shapir J; Coblentz C; Malanson D; et al, (AJNR), 6: 101, 1985

observations on peritumoural oedema in meningioma, Stevens JM; Ruiz JS; Kendall BE, (Radiology), 151: 266, 1984

optic nerve/sheath enlargement: a differential approach based on high-resolution CT morphology, Rothfus WE; Curtin HD; Slamovits TL; Kennerdell JS, (Radiology), 150: 409, 1984

pathology of primary brain tumors, Zimmerman HM, (Semin Roentgenol), 19:

peritumoral edema in meningiomas: radiological and histological study, Bradac GB; Ferszt R; Bender A; et al, (Neuroradiol), 28: 304, 1986

preoperative embolization of intracranial meningiomas, Manelfe C; Lasjaunias P; Ruscalleda J, (AJNR), 7: 963, 1986

radiation therapy for incompletely resected meningiomas, Petty AM, Kun LE; Meyer GA, (Radiology), **158**: 571, 1986 sellar and juxtasellar lesion detection with MR, Lee BCP; Deck MDF, (Radiology), **157**: 143, 1985

significance of apparent intratympanic meningiomas, Rietz DR; Ford CN; Kurtycz DF; et al, (Radiology), **152**: 558, 1984

Meningioma See Meninges, neoplasms

Meningitis

bacterial meningitis in infants: sonographic findings, Han BK; Babcock DS; McAdams L, (Radiology), **154**: 645, 1985

chemical meningitis in metrizamide myelography: report of seven cases, Sand T; Anda S; Hellum K; et al, (Neuroradiol), 28: 69, 1986

gallium imaging of rheumatoid pachymeningitis, Higgins WL; Marano GD, (Clin Nucl Med), 11: 350, 1986

(c.in Nucr Med.), 11: 300, 1986 labyrinthine ossification secondary to childhood bacterial meningitis: implications for cochlear implant surgery, Becker TS; Eisenberg LS; Luxford WM; et al, (AJNR), 5: 739, 1984

sonographic recognition of gyral infarction in meningitis, Babcock DS; Han BK, (AJNR), 6: 119, 1985

sonographic recognition of gyral infarction in meningitis, Babcock DS; Han BK, (AJR), **144**: 833, 1985

ultrasonic assessment of infectious meningitis, Fisher RM; Lipinski JK; Cremin BJ, (Radiology), **154**: 853, 1985

ultrasonographic diagnosis of bacterial meningitis and ventriculitis in infancy: six case reports, Brown BSJ; Thorp P, (Radiology), 153: 849, 1984

wentriculomegaly in childhood bacterial meningitis, Snyder RD, (Radiology), **155**: 550, 1985

Virchow-Robin space: path of spread in neurosarcoidosis, Mirfakhraee M; Crofford MJ; Guinto FC Jr; Nauta HJW; Weedn VW, (Radiology), 158: 715, 1986

Meningocele See Spina bifida

Menopause

menopause, Gambrell RD Jr, (Invest Radiol), 21: 369, 1986

Menstruation

changing appearance of the normal uterus during the menstrual cycle: MR studies, Haynor DR; Mack LA; Soules MR; Shuman WP; Montana MA; Moss AA, (Radiology), 161: 459, 1986

(Radiology), 101-107, 101-107, female pelvic anatomy: MR assessment of variations during the menstrual cycle and with use of oral contraceptives, McCarthy 5; Tauber C; Gore J, (Radiology), 160: 119, 1986

menstrual variation of normal breast NMR relaxation parameters, Nelson TR; Pretorius DH; Schiffer LM, (JCAT), 9: 875,

menstruation: hazard in radionuclide renal transplant evaluation, Orzel JA; Jaffers GJ, (Clin Nucl Med), 11: 409, 1986

Mental deficiency

hydrocephalus and mental retardation in craniosynostosis, Noetzel MJ; Marsh JL; Palkes H; et al, (Radiology), **159**: 575, 1986

Mental diseases

variant of normal-pressure hydrocephalus simulating Pick's disease on computerized tomography. report of two cases, Salibu NA Lourie GL; Lourie H, (Radiology), 152: 855,

Fichte B; Ritzau F; Assmann H, (Radiology), 153: 266, 1984

multiple metallic mercury emboli, Cassar-Pullicino VN; Taylor DN; Tech B; et al, (Radiology), 157: 848, 1985

Mesenteritis

retractile mesenteritis involving the colon: pathologic and radiologic correlation (case report), Han SY; Koehler RE; Keller FS; et al, (AJR), 147: 268, 1986

retractile mesenteritis of the sigmoid colon, Thompson GT; Fitzgerald EF; Somers SS, (Radiology), 157: 565, 1985

Mesentery, angiography acute mesenteric ischemia: angiographic spectrum, Clark RA; Gallant TE, (ÅJR), 142: 555, 1984

Mesentery, CT

computed tomography of the normal mesentery, Silverman PM; Kelvin FM; Korobkin M; et al, (AJR), 143: 953, 1984 CT appearance of diffuse mesenteric edema, Silverman PM; Baker ME; Cooper C; et al, (JCAT), 10: 67, 1986

epiploic appendicitis: CT characteristics,
Danielson K; Chernin MM; Amberg JR; et al, (JCAT), 10: 142, 1986

Mesentery, ischemia

acute mesenteric ischemia: angiographic spectrum, Clark RA; Gallant TE, (AJR), 142: 555, 1984

Mesentery, MR studies

MR imaging of mesenteric varices, Ohtomo K; Yashiro N; Yoshikawa K; et al, (JCAT), 9: 1145, 1985

Mesentery, neoplasms desmoid tumors in Gardner syndrome: use of computed tomography, Magid D; Fishman EK; Jones B; et al, (AJR), 142: 1141,

diffuse mesenteric amyloidosis: CT, sonographic, and pathologic findings, Allen HA III; Vick CW; Messmer JM; et al, (JCAT),

inflammatory pseudotumor of the mesentery and small intestine, Day DL; Sane S; Dehner LP, (Pediatr Radiol), 16: 210, 1986

small-bowel varices due to mesenteric metastasis, Radin DR; Siskind BN; Alpert S; et al, (Gastrointest Radiol), 11: 183, 1986

Mesentery, US studies

mesentery, O'S studies

We senteric adenitis and acute terminal ileitis:

US evaluation using graded compression,
Puylaert JBCM, (Radiology), 161: 691, 1986

Mesentery, varices

mesenteric varices demonstrated by transhepatic portography. Matsunaga N; Hayashi K; Amamoto Y; et al, (Gastrointest Radiol), 11: 280, 1986

computed tomography of invasive pleural mesothelioma, Shin M5; Bailey WC, (Radiology), 152: 560, 1984 computed tomography of localized pleural mesothelioma, Dedrick CG; McLoud TC; Shepard JO; et al. (AJR), 144: 275, 1985

Shepard JO; et al. (AJK), 144: 275, 1965 diagnostic distinction between malignant mesothelioma of the pleura and adenocarcinoma of the lung as defined by a monoclonal antibody (B72.3), Szpak CA; Johnston WW; Roggli V; et al, (Radiology), 160: 571, 1986

gallium scanning in peritoneal mesothelioma, Armas RR; Goldsmith SJ, (AJR), **144:** 563, 1985

malignant mesothelioma with brain metastases, Kaye JA; Wang A-M; Joachim CL; et al, (kadiology), **159**: 822, 1986

ultrasound demonstration of a benign mesothelioma of tunica vaginalis testis, Aquino NM; Vazquez R; Matari H, (JCU), **14**: 310, 1986

### Métacarpus

readiogrammetry of the metacarpal: a critical reappraisal, Bloom RA; Pogrund H; Libson E, (Radiology), 153: 269, 1984

## Metaphyses

See Bones, metaphyses

## Metatarsus

experimental study of pathomechanics, Richli WR; Rosenthal DI, (AJR), 143: 889,

#### Methotrexate

lethotrexate osteopathy, Schwartz AM; Leonidas JC, (Radiology), 154: 562, 1985 response of osteosarcoma to preoperative intravenous high-dose methotrexate chemotherapy: CT evaluation, Mail JT; Cohen MD; Mirkin LD; et al. (AJR), 144: 89,

toxic megacolon associated with methotrexate therapy, Atherton LD; Leib ES; Kaye MD, (Radiology), **156**: 562, 1985

## Metoclopramide

effect of metoclopramide on gastric liquid emptying in patients with diabetic gastroparesis, Schade RR; Dugas MC; Lhotsky DM; et al, (Radiology), 156: 265,

effect of metoclopramide on normal and delayed gastric emptying in gastroesophageal reflux patients, Fink SM; Lange RC; McCallum RW, (Radiology), 152: 869, 1984

initial evaluation of nabilone in the control of radiotherapy-induced nausea and vomiting, Priestman TJ; Priestman SG, (Radiology), 154: 863, 1985

pancreatic sonography: enhancement by metoclopramide, duCret RP; Jackson VP; Rees C; et al, (AJR), 146: 341, 1986

#### Metrizamide

letrizamide bowel perforation in the newborn: diagnosis with metrizamide, Cohen MD; Weber TR; Grosfeld JL, (Radiology), 150: 65, 1984 C1-C2 myelography with iohexol and metrizamide: comparative study, Brooks BS; El Gammal T; Van Tassel P; et al, (AJNR), 6: 935, 1985

comparison of iopamidol with metrizamide in sub-occipital

ventriculography/cisternography, Macpherson P; Teasdale E, (Radiology), 150: 292, 1984 evaluation of the gasless abdomen in the

evaluation of the gasless abdomen in the newborn and young infant with metrizamide, Cohen MD: Jansen R: Lemons J; et al., (AJN, 142: 393, 1984 hyperthermia after metrizamide myelography, Latack JT; Gabrielsen TO; Knake JE; et al., (AJNR), 5: 649, 1984 intracranial metrizamide following myelography, Llewellyn G; Gaudet L; Quartey GRC; et al., (Radiology), 155: 554, 1985

1985

iohexol versus metrizamide for cervical myelography: double-blind trial, Gebarski SS; Gabrielsen TO; Knake JE; et al, (AJNR), 6: 923, 1985 iohexol versus metrizamide for lumbar

myelography: double-blind trial, Gabrielsen TO; Gebarski SS; Knake JE; et al, (AJNR), 5: 181, 1984

(A)NN), 5: 101, 1994 iohexol vs. metrizamide: study of efficacy and morbidity in cervical myelography, Latchaw RE; Hirsch WL Jr; Horton JA; et al, (A)NR), 6: 931, 1985

(AJNK), 6: 931, 1985 iotrol versus metrizamide in lumbar myelography: double-blind study, Malnor MD; Houston LW; Strother CM; Turski PA; Sackett JF; Boyer M, (Radiology), 158: 845, 1986

low-dose metrizamide spinal computed tomography in outpatients, Pressman BD; Mink JH; Turner RM; et al, (JCAT), 10: 817,

lumbar myelography with iohexol and metrizamide, Kieffer SA; Binet EF; Davis DO; et al, (Radiology), 157: 856, 1985 lumbar myelography with iohexol and

lumbar myelography with iohexol and metrizamide: a comparative multicenter prospective study, Kieffer SA; Binet EF; Davis DO; Gabrielsen TO; Kido DK; Latchaw RE; Turski PA; Shaw DD, (Radiology), 151: 665, 1984 metrizamide CT ventriculography in the evaluation of a pseudoballooned fourth ventricle, Brooks BS; El Gammal T, (AJNR), 5: 205-1984

5: 825, 1984

metrizamide evaluation of the esophagus in infants, Belt T; Cohen MD, (AJR), 143: 367.

metrizamide-iophendylate layering technique for thoracolumbar myelography, Smith SP; Wolpert SM, (Radiology), **153**: 821, 1984

metrizamide myelography and postmyelographic computed tomography: comparative adequacy in the cervical spine, Sobel DF; Barkovich AJ; Munderloh SH, (AJNR), 5: 385, 1984

pediatric urography: comparison of metrizamide and methylglucamine diatrizoate, Robey G; Reilly BJ; Carusi PA; Nguyen KB, (Radiology), **150**: 61, 1984

penetration of subarachnoid contrast medium into rabbit spinal cord: comparison between metrizamide and iohexol, Holtas S; Morris TW; Ekholm SE; et al, (Invest Radiol),

## Metrizamide, complications

aphasia following pluridirectional tomography with metrizamide: effect of patient position, Butler MJ; Cornell SH; Damasio AR, (Radiology), 156: 278, 1985

chemical meningitis in metrizamide myelography: report of seven cases, Sand T; Anda S; Hellum K; et al, (Neuroradiol), 28: 69, 1986

CT myelography for outpatients: an inpatient/outpatient pilot study to assess methodology, Zinreich SJ; Wang H; Updike ML; Kumar AJ; Ahn HS; North RB; Rosenbaum AE, (Radiology), 157: 387, 1985

double blind study of the toxicity of intrathecal iopamidol and metrizamide in lumbar myelography, Vezina JL; Fox AJ, (Radiology), 155: 555, 1985

influence of certain factors on the manifestations of the adverse effects of metrizamide myelography, Yu YL; du Boulay GH; Paul E, (Neuroradiol), 28: 339,

irreversible neurologic complications of metrizamide myelography, Meador K; Hamilton WJ; El Gammal TAM; et al, (Radiology), 154: 564, 1985

myelography with metrizamide: effect of contrast removal on side effects, Numaguchi Y; Weems AM; Mizushima A; et al, (AJNR), 7: 498, 1986

neurologic complications in diabetics after metrizamide lumbar myelography, Steiner E; Simon JH; Ekholm SE; et al, (AJNR), 7: 323, 1986

outpatient lumbar myelography: initial results in 79 examinations using a low-dose metrizamide technique, Tate CF III; Wilkov HR; Lestrange NR; Gardiner HF; Stein KR, (Radiology), **157**: 391, 1985

outpatient metrizamide myelography: prospective evaluation of safety and cost effectiveness, Badami JP; Baker RA; Scholz FJ; McLaughlin M, (Radiology), 158: 175, 1986

prolonged delirium after metrizamide myelography, Elliott RL; Wild JH; Snow WT, (Radiology), **155**: 859, 1985

radiculography: is routine bed rest really necessary?, Macpherson P; Teasdale E; Macpherson PY, (Radiology), **150**: 293, 1984

transient expressive (nonfluent) dysphasia after metrizamide myelography, Sarno JB, (AJNR), 6: 945, 1985

## Metronidazole

DNA damage induced by reductively activated nitroimidazoles—pH effects, Edwards DI; Knight RC; Zahoor A, (Int J Radiat Oncol Biol Phys), 12: 1207, 1986

effect of radiation-induced reduction of nitroimidazoles on biologically active DNA, Lafleur MVM; Pluijmackers-Westmijze EJ; Loman H, (Int ) Radiat Oncol Biol Phys), 12: 1211, 1986

oxygen depletion in irradiated aqueous solutions containing electron affinic hypoxic cell radiosensitizers, Michaels HB, (Int J Radiat Oncol Biol Phys), 12: 1055, 1986

production of strand breaks in DNA in the presence of the hydroxylamine of SR-2508 (1-[N-(2-hydroxyethyl)acetamido]2-

## Microbubbles

automated production and analysis of echo contrast agents, Keller MW; Feinstein SB; Briller RA; et al, (J Ultrasound Med), 5: 493,

hepatic tumors: US contrast enhancement with CO<sub>2</sub> microbubbles, Matsuda Y; Yabuuchi I, (Radiology), **161**: 701, 1986

microbubbles as a contrast agent for neurosonography and ultrasound-guided catheter manipulation: in vitro studies, Widder DJ; Simeone JF, (AJNR), 7: 433, 1986

production of microbubbles for use as echo contrast agents, Butler BD, (JCU), 14: 408, 1986

#### Microspheres

distribution of 15- and 137-µ diameter microspheres in the dog lung in the axial plane, Chiles C; Hedlund LW; Kubek RJ; et al, (Invest Radiol), 21: 618, 1986

hepatic arterial perfusion scintigraphy with Tc-99n-MAA: use of a totally implanted drug delivery system, Ziessman HA: Thrall JH; Yang PJ; Walker SC; Cozzi EA; Niederhuber JE; Gyves JW; Ensminger WD; Tuscan MC, (Radiology), 152: 167, 1984

quantitative hepatic arterial perfusion scintigraphy and starch microspheres in cancer chemotherapy, Ziessman HA; Thrall JH; Gyves JW; et al, (Radiology), 152:

regional myocardial and organ blood flow after myocardial infarction: application of the microsphere principle in man, Selwyn AP; Shea Mj; Foale R; et al, (Radiology), 160: 574, 1986

#### Microwaves

design and thermometry of an intracavitary microwave applicator suitable for treatment of some vaginal and rectal cancers, Li D; Luk KH; Jiang HB; et al, (Radiology), 157:

temperature measurements in high thermal gradients: I. effects of conduction, Lyons BE; Samulski TV; Britt RH, (Radiology), 157: 576,

### Misonidazole

anal submucosal injection: new route for drug and submitudes in plection: new route for articles. part L experimental study of misonidazole distribution in serum and tissues, with special reference to urinary bladder: preliminary report, Shafik A; El-Merzabani MM; El-Aaser AA; et al, (Invest Radiol), 21: 278, 1986

binding of <sup>3</sup>H-misonidazole to solid human tumors as a measure of tumor hypoxia, Urtasun RC; Chapman JD; Raleigh JA; et al, (Int J Radiat Oncol Biol Phys), 12: 1263, 1986

combined radiation-protective and radiation-sensitizing agents III: radiosensitization by misonidazole as a function of concentrations of endogenous glutathione or exogenous thiols, Koch CJ; Stobbe CC; Baer KA, (Int J Radiat Oncol Biol Phys), 12: 1151, 1986

concentrations achieved in human tumors after administration of misonidazole, SR-2508 and RO 03-8799, Dische 5; Saunders Mr. Dunphy EP; et al, (Int J Radiat Oncol Biol Phys), 12: 1109, 1986

decreased hypoxic toxicity and binding of misonidazole by low glucose concentration, Ling LL; Streffer C; Sutherland R, (Int J Radiat Oncol Biol Phys), 12: 1231, 1986

DNA damage induced by reductively activated nitroimidazoles—pH effects, Edwards DI; Knight RC; Zahoor A, (Int J Radiat Oncol Biol Phys), 12: 1207, 1986

early results of the EORTC randomized clinical trial on multiple fractions per day (MFD) and misonidazole in advanced head and neck cancer, van den Bogaert W; van der Schueren E; Horiot J-C; et al, (Int J Radiat Oncol Biol Phys), 12: 587, 1986

effect of misonidazole dose on survival ir patients with stage IIIB-IVA squamous cell carcinoma of the uterine cervix: RTOG randomized trial, Bauer M; Leibel S; Wasserman T; et al. (Int J Radiat Oncol Biol Phys), 12: 1101, 1986

effect of misonidazole on neurotransmitter systems, McNeill TH; Koek LL; Brown SA; et al, (Int J Radiat Oncol Biol Phys), 12: 1067, 1986

- effect of radiation-induced reduction of nitroimidazoles on biologically active DNA, Lafleur MVM; Pluijmackers-Westmijze EJ; Loman H, (Int J Radiat Oncol Biol Phys), 12: 1211 1986
- effect of the radiosensitizer misonidazole and the radioprotector diethyldithiocarbamate on spontaneous metastasis formation of murine tumors, Milas L; Hunter N; Basic I; et al, (Int J Radiat Oncol Biol Phys), 12: 1071, 1986
- enhancement in the aerobic toxicity of nnancement in the aerobic toxicity of misonidazole and SR-2508 by buthionine sulfoximine and 4-hydroxypyrazole: role of hydrogen peroxide, Tuttle SW; Biaglow JE; Varnes ME; et al., (Int J Radiat Oncol Biol Phys), 12: 1161, 1986
- hypoxia mediated binding of misonidazole in non-malignant tissue, Rasey JS; Hoffman JM; Spence AM; et al, (Int J Radiat Oncol Biol Phys), 12: 1255, 1986
- intravesical administration of misonidazole in bladder carcinoma, Ghoneim MA; Shaaban AA; El-Merzabani MM, (Radiology), 152: 271, 1984
- in vitro binding of <sup>14</sup>C-misonidazole to hepatocytes and hepatoma cells, Van Os-Corby DJ; Chapman JD, (Int J Radiat Oncol Biol Phys), **12**: 1251, 1986
- misonidazole and other hypoxia markers: metabolism and applications, Franko AJ, (Int J Radiat Oncol Biol Phys), **12**: 1195, 1986
- misonidazole retention by normal tissues: distinction between label on the ring and side chain, Franko AJ; Garrecht BM, (Int J Radiat Oncol Biol Phys), 12: 1259, 1986
- oxygen depletion in irradiated aqueous solutions containing electron affinic hypoxic cell radiosensitizers, Michaels HB, (Int J Radiat Oncol Biol Phys), 12: 1055, 1986
- phase I study of the combined hypoxic cell radiosensitisers, Ro 03-8799 and SR 2508: preliminary report of single-dose toxicity, pharmacokinetics and tumour concentrations, Newman HFV; Bleehen NM; Workman P, (Br J Radiol), 59: 423, 1986
- production of strand breaks in DNA in the presence of the hydroxylamine of SR-2508 (1-[N-(2-hydroxyethyl)acetamido]2nitroimidazole) at neutral pH, Laderoute KR; Eryavec E; McClelland RA; et al, (Int J Radiat Oncol Biol Phys), 12: 1215, 1986
- radiosensitization in vitro and in vivo by 3nitrotriazoles, Shibamoto Y; Sakano K; Kimura R; et al, (Int J Radiat Oncol Biol Phys), 12: 1063, 1986
- stable reduction product of misonidazole, Panicucci R; McClelland RA; Rauth AM, (Int J Radiat Oncol Biol Phys), 12: 1227, 1986
- studies of the toxicity of RSU-1069. Whitmore GF; Gulyas S, (Int J Radiat Oncol Biol Phys), 12: 1219, 1986

## Mitomycin C

- arterial chemoembolization of hepatocellular rterial chemoembolization of hepatocellular carcinoma with mitomycin C microcapsules, Ohnishi K; Tsuchiya S; Nakayama T; Hiyama Y; Iwama 5; Goto N; Takashi M; Ohtsuki T; Kono K; Nakajima Y; Okuda K, (Radiology), 152: 51, 1984
- enhancement of EMT6/SF tumor cell killing by mitomycin C and cyclophosphamide following in vivo administration of buthionine sulfoximine, Ono K; Shrieve DC, (Int J Radiat Oncol Biol Phys), **12**: 1175, 1986

## Mitral valve, calcification

sensitivity and specificity of two-dimensional echocardiography in the detection of valvular calcification, Wong M. Tei C; Shah PM, (Radiology), **152**: 562, 1984

## Mitral valve, prolapse

- mitral valve prolapse and systolic anterior motion: a dynamic spectrum, Kessler KM; Anzola E; Sequeira R; et al, (Radiology), **150**:
- prevalence of ruptured chordae tendineae in the mitral valve prolapse syndrome, Grenadier E; Alpan G; Keidar S; et al, (Radiology), **150**: 615, 1984
- recurrent coronary artery spasm in the billowing mitral leaflet syndrome (primary mitral valve prolapse). a case report and review of the literature, Przybojewski JZ, (Radiology), 155: 271, 1985
  - The author has retracted this publication

Mitral valve, prostheses

- combined echo-phonocardiographic diagnos of mitral perivalvular leak with Bjork-Shiley and Starr-Edwards prostheses, Lehrer E; Motro M: Schneeweiss A: et al. (Radiology). 152: 562, 1984
- outlet strut fracture of the Bjork-Shiley mitral valve prosthesis, Guit GL; van Voorthuisen AE; Steiner RM, (Radiology),
- progressive extreme biatrial enlargement following mitral valve replacement, Mahapatra S; Goldberg MJ; Ryan JM; et al, (Radiology), 152: 562, 1984
- tracheobronchial cartilage calcification in children. case reports and review of the literature, Rifkin MD; Pritzker HA, (Radiology), 153: 850, 1984

## Mitral valve, regurgitation

- accuracy of evaluation of the presence and severity of aortic and mitral regurgitation by contrast 2-dimensional echocardiography, Reid CL; Kawanishi DT; McKay CR; et al. (Radiology), 152: 563, 1984
- (Radiology), 152: 563, 1984 duplex pulsed Doppler echocardiography in mitral regurgitation, Meyers DG; McCall D; Sears TD; et al, (JCU), 14: 117, 1986 natural history of the flail mitral leaflet syndrome: a serial 2-dimensional echocardiographic study, DePace NL; Mintz GS; Ren J-F; et al, (Radiology), 152: 563, 1984
- radionuclide angiography in the quantitation of mitral regurgitation, Videll JS; Lumia FJ; Germon PA; et al, (Radiology), 157: 287,

## Mitral valve, stenosis

- \*extravascular lung water in patients with mitral stenosis: relationship to pulmonary capillary wedge pressure and Kerley B lines, Slutsky RA; Olson LK; Costello D; Brown JJ, (Radiology), 153: 317, 1984
- percutaneous transarterial balloon valvuloplasty for mitral valve stenosis, Babic UU; Pejcic P; Djurisic Z; et al, (Radiology), **161**: 861, 1986

## Mitral valve, surgery

- \*extravascular lung water in patients with mitral stenosis: relationship to pulmonary capillary wedge pressure and Kerley B lines, Slutsky RA; Olson LK; Costello D; Brown JJ, (Radiology), 153: 317, 1984
- percutaneous transarterial balloon valvuloplasty for mitral valve stenosis, Babic UU; Pejcic P; Djurisic Z; et al, (Radiology), **161:** 861, 1986

## Mitral valve, US studies

- accuracy of evaluation of the presence and severity of aortic and mitral regurgitation by contrast 2-dimensional echocardiography, Reid CL; Kawanishi DT; McKay CR, et al, (Radiology), 152: 563, 1984
- combined echo-phonocardiographic diagnosis of mitral perivalvular leak with Bjork-Shiley and Starr-Edwards prostheses, Lehrer E; Motro M; Schneeweiss A; et al., (Radiology), 152: 562, 1984
- diastolic mitral gradient without associated valvular stenosis: usefulness of two-dimensional echocardiography for a correct diagnosis, Perrenoud JJ; Frangos A; Bopp P, (Radiology), 151: 272, 1984
- duplex pulsed Doppler echocardiography in mitral regurgitation, Meyers DG; McCall D; Sears TD; et al, (JCU), **14**: 117, 1986
- echocardiographic diagnosis of mitral obstruction in bacterial endocarditis Grenadier E; Schuger C; Palant A; et al. (Radiology), 152: 263, 1984
- mitral valve E point to ventricular septal separation in infants and children, Engle SJ; DiSessa TG; Perloff JK; et al, (Radiology), 152: 850, 1984
- mitral valve orifice method for noninvasive two-dimensional echo Doppler determinations of cardiac output, Fisher DC; Sahn DJ; Friedman MJ; et al, (Radiology), 151: 273, 1984
- mitral valve prolapse in short-term experimental coronary occlusion: a possible mechanism of ischemic mitral regurgitation, Tei C; Sakamaki T; Shah PM; et al, (Radiology), 151: 557, 1984
- natural history of the flail mitral leaflet syndrome: a serial 2-dimensional echocardiographic study, DePace NL; Mintz GS; Ren J-F; et al, (Radiology), **152**: 563, 1984

- paradoxical diastolic anterior motion of flail posterior mitral leaflet, Motro M; Schneeweiss A; Neufeld HN, (Radiology), 152: 263, 1984
- progressive extreme biatrial enlargement following mitral valve replacement, Mahapatra S; Goldberg MJ; Ryan JM; et al, (Radiology), 152: 562, 1984
- quantitative echocardiography of the mitral complex in dilated cardiomyopathy: the mechanism of functional mitral regurgitation, Boltwood CM; Tei C; Wong M; et al, (Radiology), 151: 832, 1984
- regurgitant jet and echocardiographic abnormalities in aortic regurgitation: an experimental study, Nakao S; Tanaka H; Tahara M; et al, (Radiology), 151: 272, 1984
- systolic anterior motion of the mitral valve and outflow obstruction after mitral valve reconstruction, Gallerstein PE; Berger M; Rubenstein S; et al. (Radiology), **151:** 272,
- systolic anterior motion of the posterior mitral leaflet: a previously unrecognized cause of dynamic subaortic obstruction in patients with hypertrophic cardiomyopathy, Maron Bj. Harding AM; Spirito P; et al, (Radiology), 151: 832, 1984

#### Modulation transfer function

uniform focal spot x-ray tube with improved MTF and kW rating, Matsui H; Ono K, (Radiology), **156**: 227, 1985

## Mongolism

See Down syndrome

## Monoclonal antibodies

- antibody-guided radiolocalisation of tumours in patients with testicular or ovarian cancer using two radioiodinated monoclonal antibodies to placental alkaline phosphatase, Epenetos AA; Carr D; Johnson PM; et al, (Br J Radiol), 59: 117, 1986
- detection of specific anti-antibodies in patients treated with radioloabeled antibody, Klein JL; Sandoz JW; Kopher KA; et al, (Int J Radiat Oncol Biol Phys), 12: 939, 1986
- diagnostic distinction between malignant agnostic distinction between mangiant mesothelioma of the pleura and adenocarcinoma of the lung as defined by a monoclonal antibody (B72.3), Szpak CA; Johnston WW; Roggli V; et al, (Radiology), 160: 571, 1986
- diagnostic imaging of human neuroblastoma with radiolabeled antibody, Miraldi FD, Nelson AD; Kraly C; Ellery S; Landmeier B; Coccia PF; Strandjord SE; Cheung N-KV, (Radiology), 161: 413, 1986
- differences in experimental tumor localization of dual-labeled monoclonal antibody, Khaw BA; Cooney J; Edgington T; et al, (J Nucl Med), 27: 1293, 1986
- dosimetric aspects of radiolabeled antibodies for tumor therapy, Humm JL, (J Nucl Med), 27: 1490, 1986
- dynamic variable background subtraction: simple means of displaying radiolabeled monoclonal antibody scintigrams, Wahl RL; Tuscan MC; Botti JM, (J Nucl Med), 27: 545,
- immunoreactivity assay for labeled anti-melanoma monoclonal antibodies, Beaumier PL; Neuzil D; Yang HM; et al, (J Nucl Med), 27: 824, 1986
- miniature thermoluminescent dosimeter absorbed dose measurements in tumor phantom models, Wessels BW; Griffith MH, (J Nucl Med), 27: 1308, 1986
- monoclonal antibodies labeled with polymeric paramagnetic ion chelates, Shreve P; Aisen AM, (Magn Res Med), 3: 336, 1986
- monoclonal antibody B72.3 as a diagnostic adjunct in fine-needle aspirates of breast masses, Lundy J; Lozowski M; Mishriki Y, (Radiology), 161: 283, 1986
- multicompartmental analysis of the kinetics of ulticompartmental analysis of the kinet radioiodinated monoclonal antibody in patients with cancer, Koizumi K; DeNardo GL; DeNardo SJ; et al, (J Nucl Med), 27: 1243, 1986
- nuclear magnetic resonance and gamma camera tumor imaging using gadolinium-labeled monoclonal antibodies, Anderson-Berg WT; Strand M; Lempert TE; et al, (J Nucl Med), 27: 829, 1986
- nuclear oncology 1984, Larson SM; Carrasquillo JA, (Semin Nucl Med), **14**: 268, 1984

phase 1 immunolymphoscintigraphy with an In-111-labeled antimelanoma monoclonal antibody, Engelstad BL; Spitler LE; Del Rio MJ; Ramos EC; Rosendorf LL; Reinhold CE; Khentigan A; Huberty JP; Corpuz SW; Lee HM; Okerlund MD; Hattner RS; Scannon PJ, (Radiology), 161: 419, 1986

adioimmunodetection of melanoma utilizing In-111 96.5 monoclonal antibody: In-111 96.5 monocional antibody: preliminary report, Halpern SE; Dillman RO; Witztum KF; Shega JF; Hagan PL; Burrows WM; Dillman JB; Clutter ML; Sobol RE; Frencke JM; Bartholomew RM; David GS; Carlo DJ, (Radiology), 155: 493, 1985

radioimmunoimaging of experimental thrombi in dogs using technetium-99m-labeled monoclonal antibody fragments reactive with human platelets, Som P; Oster ZH; Zamora PO; et al., (J Nucl Med), 27: 1315, 1986

technetium-99m labeling of murine monoclonal antibody fragments, Rhodes BA; Zamora PO; Newell KD; et al, (J Nucl Med), 27: 685, 1986

tumor size: effect on monoclonal antibody uptake in tumor models, Hagan PL; Halpern SE; Dillman RO; et al, (J Nucl Med), 27: 422, 1986

use of a monoclonal antibody (B72.3) as a novel immunohistochemical adjunct for the diagnosis of carcinomas in fine needle aspiration biopsy specimens, Johnston WW; Szpak CA; Lottich SC; et al., (Radiology), 161: 864, 1986

864, 1986
use of I-131 labeled, murine Fab against a high
molecular weight antigen of human
melanoma: preliminary experience,
Larson SM; Carrasquillo JA; McGuffin RW;
Krohn KA; Ferens JM; Hill LD;
Beaumier PL; Reynolds JC; Hellstrom KE;
Hellstrom L (Radiology), 155: 487, 1985

use of monoclonal antiestrogen receptor antibody to evaluate estrogen receptor content in fine-needle aspiration breast biopsies, Flowers JL; Burton GV; Cox EB; et al. (Radiology), 160: 857, 1986

COX ED; et al. (Kadiology), 160: 507, 1986 visualization of metastases from colon carcinoma using an iodine-131-radiolabeled monoclonal antibody, Leyden MJ; Thompson CH; Lichtenstein M; et al, (Radiology), 161: 282, 1986

Mononucleosis, infectious

chest radiograph in the diagnosis of atypical nephritis due to infectious mononucleosis, Koren G; Boichis H; Rotem Y; et al, (Radiology), 156: 274, 1985

Monooctanoin

monoctanoin dissolution of gallstones via a cholecystostomy tube, Shortsleeve MJ; Schatzki SC; Lee DL, (Radiology), 153: 547,

monooctanoin perfusion for in vivo dissolution of biliary stones: a series of 11 patients, Teplick SK; Haskin PH, (Radiology), 153: 379, 1984

monooctanoin perfusion treatment of intrahepatic calculi, Butch RJ; MacCarty RL; Mueller PR; Ferrucci JT Jr; Simeone JF; Teplick SK; Haskin PH, (Radiology), 153: 375, 1984

Morphine

cholescintigraphy in acute cholecystitis: use of intravenous morphine, Choy D; Shi EC; McLean RG; Hoschl R; Murray IPC; Ham JM, (Radiology), 151: 203, 1984

Mouth, CT

CT in the evaluation of the normal and diseased oral cavity and oropharynx, Hardin CW; Harnsberger HR; Osborn AG; et al, (Semin US CT MR), 7: 131,

Mouth, cysts

plunging ranula: CT diagnosis, Charnoff SK; Carter BL, (Radiology), 158: 467, 1986

Mouth, MR studies

magnetic resonance imaging versus computed tomography: comparison in imaging oral cavity and pharyngeal carcinomas, Schaefer SD; Maravilla KR; Suss RA; et al, (Radiology), 160: 860, 1986

oral cavity and tongue: magnetic resonance imaging, Unger JM, (Radiology), 155: 151, 1985

tongue and oropharynx: findings on MR imaging, Lufkin RB; Wortham DG; Dietrich RB; Hoover LA; Larsson SG; Kangarloo H; Hanafee WN, (Radiology), 161: 69, 1986

Mouth, neoplasms

carcinoma of the floor of the mouth, Fitzpatrick PJ; Tepperman BS, (Radiology), 150: 864 1984

hemiatrophy of the tongue and floor of the mouth demonstrated by computed tomography, Larsson SG, (JCAT), 9: 914,

lower alveolar carcinoma. segmental v marginal resection, Walt RM Jr; Calcaterra TC, (Radiology), 151: 827, 1984

magnetic resonance imaging versus computed tomography: comparison in imaging oral cavity and pharyngeal carcinomas, Schaefer SD; Maravilla KR; Suss RA; et al, (Radiology), 160: 860, 1986

oral carcinoma of the upper jaw. results of radiation treatment, Shibuya H; Horiuchi JI; Suzuki S; et al, (Radiology), **156**: 572, 1985

Mouth, therapeutic radiology

backscattering from dental restorations and splint materials during therapeutic radiation, Farman AG; Sharma S; George DI; Wilson D; Dodd D; Figa R; Haskell B, (Radiology), 156: 523, 1985 breakaway safety feature for an intra-oral cone system, Biggs PJ; Wang CC, (Radiology), 156: 285, 1985

carcinoma of the floor of the mouth, Fitzpatrick PJ, Tepperman BS, (Radiology), 150: 864, 1984

190: 894, 1984 comparative review of the Hammersmith (1971–75) and Edinburgh (1977–82) neutron therapy trials of certain cancers of the oral cavity, oropharynx, larynx and hypopharynx, Medical Research Council Neutron Therapy Working Group, (Br J Radiol), 59: 429, 1986

lower alveolar carcinoma. segmental v marginal resection, Walt RM Jr; Calcaterra TC, (Radiology), 151: 827, 1984

oral carcinoma of the upper jaw. results of radiation treatment, Shibuya H; Horiuchi JI; Suzuki S; et al, (Radiology), **156**: 572, 1985

post-operative radiotherapy in the management of advanced intra-oral cancers, Robertson AG; McGregor IA; Soutar DS; et al. (Clin Radiol), 37: 173, 1986

Mouth, US studies

sonography of the tongue and floor of mouth. part I: anatomy, Neuhold A; Fruhwald F; Balogh B; et al, (Eur J Radiol), 6: 103, 1986

sonography of the tongue and floor of mouth.
part II: neoplasms of the tongue,
Fruhwald F; Neuhold A; Seidl G; et al, (Eur J Radiol), 6: 108, 1986

air crescent sign of invasive pulmonary mucormycosis in acute leukemia, Funada H; Misawa T; Nakao S; et al, (Radiology), 154: 269, 1985

mucormycoma of the colon: early diagnosis and successful management, Agha FP; Lee HH; Boland CR; et al, (AJR), 145: 739,

pulmonary gangrene as a complication of mucormycosis, Zagoria RJ; Choplin RH; Karstaedt N, (AJR), 144: 1195, 1985

Multiple sclerosis

See Sclerosis, multiple

Muscles

See also Soft tissues

accessory muscles of the lower calf, Nidecker AC; von Hochstetter A; Fredenhagen H, (Radiology), **151**: 47, 1984 accessory muscles of the lower calf, Dixon GD, (Radiology), 152: 539, 1984

computed tomography of acute renal failure secondary to rhabdomyolysis, Mangano FA; Zaontz M; Pahira JJ; et al, (JCAT), 9: 777, 1985

sonographic diagnosis of rhabdomyolysis, Fornage BD; Nerot C, (JCU), 14: 389, 1986

technetium-99m pyrophosphate imaging in acute renal failure associated with nontraumatic rhabdomyolysis, Patel R; Mishkin FS, (AJR), 147: 815, 1986

Muscles, abnormalities

case report 376, Apple JS; Martinez S; Khoury MB; et al, (Skeletal Radiol), 15: 398,

computed tomography in the evaluation of Brown syndrome of the superior oblique tendon sheath, Mafee MF; Folk ER; Langer BG; Miller MT; Lagouros P; Mittleman D, (Radiology), 154: 691, 1985

iliopsoas muscles: MR study of normal anatomy and disease, Weinreb JC; Cohen JM; Maravilla KR, (Radiology), 156: 435, 1985

Muscles, abscess

non-tuberculous psoas abscess, Williams MP, (Clin Radiol), 37: 253, 1986

percutaneous drainage of iliopsoas abscess in Crohn's disease, Millward SF; Ramsewak W; Fitzsimons P; et al, (Gastrointest Radiol), 11:

Muscles, cricopharyngeus

cricopharyngeal muscle: a videorecording review, Curtis DJ; Cruess DF; Berg T, (AJR), 142: 497, 1984

radiologic-anatomic correlation, Torres WE; Clements JL Jr; Austin GE; et al. (AJR), 142: 927, 1984

Muscles, CT

Auscies, CT

muscle—computed tomographic
demonstration, Obley DL; Slasky BS;
Peel RL; et al, (Radiology), 150: 866, 1984
complex musculoskeletal anatomy: analysis
using three dimensional surface
reconstruction, Totty WG; Vannier MW,
(Radiology), 150: 173, 1984
computed tomographic natterns of muscles.

computed tomographic patterns of muscles in neuromuscular diseases, Hawley RJ; Schellinger D; O'Doherty DS, (Radiology), 153: 856, 1984

computed tomography in the diagnosis of iliopsoas abscesses, Sykes JT; Sage MR; Burke AM, (Radiology), 154: 282, 1985

computed tomography of the buccomasseteric region: 1. anatomy, Braun IF; Hoffman JC Jr, (AJNR), 5: 605, 1984

(CT) and the diagnosis of myopathies: preliminary findings in 42 cases, Calo M; Crisi G; Martinelli C; et al, (Neuroradiol), 28: 53, 1986

CT detection of skeletal muscle metastases, Schultz SR; Bree RL; Schwab RE; et al, (JCAT), 10: 81, 1986

CT signs of ischemic muscle necrosis, von Rottkay P, (JCAT), 9: 833, 1985

Rottkay F, (U.A.1), 9: 803, 1995 diagnostic value of CT scanning in neuromuscular disease, Bulcke JAL; Herpels V, (Radiology), 152: 262, 1984 iliopsoas abscess: treatment by CT-guided percutaneous catheter drainage, Mueller PR; Ferrucci TJ; Tr; Wittenberg J; et al, (AJR), 142: 359, 1984

359, 1984
muscle necrosis: computed tomography
appearance, Franze I; Goebel N;
Stuckmann G, (Radiology), 160: 286, 1986
myonecrosis induced by drug overdose:
pathogenesis, clinical aspects and
radiological manifestations, Vukanovic S;
Hauser H; Curati WL, (Radiology), 152: 551,
1984

perspective: three-dimensional imaging of the musculoskeletal system, Pate D; Resnick D; Andre M; et al, (AJR), 147: 545, 1986

Soft-tissue masses of the locomotor system: comparison of MR imaging with CT, Petasnick JP; Turner DA; Charters JR; Gitelis S; Zacharias CE, (Radiology), 160:

Muscles, diseases

amyloidosis and plasma cell dyscrasias of the musculoskeletal system, Subbarao K; Jacobson HG, (Semin Roentgenol), 21: 139,

CT and the diagnosis of myopathies: preliminary findings in 42 cases, Calo M; Crisi G; Martinelli C; et al, (Neuroradiol), 28:

MR imaging of rhabdomyolysis, Zagoria RJ; Karstaedt N; Koubek TD, (JCAT), 10: 268, 1986

MRI of normal and pathologic skeletal muscle, Murphy WA; Totty WG; Carroll JE, (AJR), 146: 565, 1986 musculoskeletal manifestations of sarcoidosis,

musculoskeletal manifestations of sarcoldo Sartoris DJ; Resnick D; Resnik CS; et al, (Semin Roentgenol), 20: 376, 1985 radiologic and histologic differentiation of neuromuscular disorders of the

gastrointestular disorders of the gastrointestinal tract: visceral myopathies, visceral neuropathies, and progressive systemic sclerosis, Rohrmann CA Jr; Ricci MT; Krishnamurthy S; et al, (AJR), 143: 933, 1984

Muscles, effects of drugs on myonecrosis induced by drug overdose: pathogenesis, clinical aspects and radiological manifestations, Vukanovic S; Hauser H; Curati WL, (Radiology), 152: 551, 1984

Muscles, hemorrhage MR imaging of intramuscular hemorrhage, Dooms GC; Fisher MR; Hricak H; et al,

Dooms GC; Fisher MR; Hricak H; et al, (JCAT), 9: 908, 1985 muscular pathology (exluding tumors) on ultrasound, Durckel J; Walter JP, (Radiology), 157: 286, 1985

(Radiology), 157: 286, 1985

Muscles, hypertrophy
ultrasonographic and computed tomographic
diagnosis of benign masseteric hypertrophy,
Tauber T; Starinsky R; Varsano D, (Pediatr
Radiol), 16: 238, 1986

Muscles, iliopsoas
computed tomography in the diagnosis of
iliopsoas abscesses, 5ykes JT; Sage MR;
Burke AM, (Radiology), 154: 282, 1985
iliopsoas abscesses: treatment by CT-guided
percutaneous catheter drainage, Mueller PR;
Ferrucci JT Jr; Wittenberg J; et al, (AJR), 142:
359, 1984
iliopsoas muscles: MR study of normal

iliopsoas muscles: MR study of normal anatomy and disease, Weinreb JC; Cohen JM; Maravilla KR, (Radiology), **156**:

percutaneous drainage of iliopsoas abscess in Crohn's disease, Millward SF; Ramsewak W; Fitzsimons P; et al, (Gastrointest Radiol), 11: 289, 1986

Muscles, inflammation See Myositis

Muscles, injuries

magnetic resonance imaging of musculoskeletal trauma, Ehman RL; Berquist TH, (Radiol Clin North Am), 24: 291, 1986

MR imaging of rhabdomyolysis, Zagoria RJ, Karstaedt N; Koubek TD, (JCAT), 10: 268,

ultrasonography in the evaluation of muscular trauma, Fornage BD; Touche DH; Segal P; et al. (Radiology), **153:** 280, 1984

Muscles, ischemia
CT signs of ischemic muscle necrosis, von
Rottkay P, (ICAT), 9: 833, 1985
Muscles, masseter

uscres, masseter ultrasonographic and computed tomographic diagnosis of benign masseteric hypertrophy, Tauber T; Starinsky R; Varsano D, (Pediatr Radiol), 16: 238, 1986 Muscles, MR studies

Nuscies, Mik studies artifacts, normal variants, and imaging pitfalls of musculoskeletal magnetic resonance imaging, Richardson ML; Helms CA, (Radiol Clin North Am), 24: 145, 1986

energetics of human muscle: exercise-induced ATP depletion, Taylor DJ; Styles P; Matthews PM; et al, (Magn Res Med), 3: 44,

evaluation of musculoskeletal disease with magnetic resonance imaging, Scott JA; Rosenthal DI; Brady TJ, (Radiol Clin North

Am), 22: 917, 1984 in vivo MR spectroscopy of human subjects with a 1.4-T whole-body MR imager, Ng TC; Majors AW; Meany TF, (Radiology), 158:

Majors AW; Meany TF, (Radiology), 158: 517, 1986
in vivo <sup>31</sup>P NMR studies of avian dystrophic muscles, Narayana PA; Delayre LL; Misra LK, (Magn Res Med), 3: 549, 1986 magnetic resonance imaging of musculoskeletal infections, Modic MT; Pflanze W; Feiglin DHI; et al, (Radiol Clin North Am), 24: 247, 1986
magnetic resonance imaging of musculoskeletal neoplasms, Richardson ML; Kilcoyne RF; Gillespy T III; et al, (Radiol Clin North Am), 24: 259, 1986
magnetic resonance imaging of

magnetic resonance imaging of musculoskeletal trauma, Ehman RL; Berquist TH, (Radiol Clin North Am), 24: 291, 1986

magnetic resonance spectroscopy of the musculoskeletal system, Burt CT; Koutcher J; Roberts JT; et al, (Radiol Clin North Am), 24:

321, 1986 MR imaging of intramuscular hemorrhage, Dooms GC; Fisher MR; Hricak H; et al, (JCAT), 9: 998, 1985 MR imaging of rhabdomyolysis, Zagoria RJ; Karstaedt N; Koubek TD, (JCAT), 10: 268,

MRI of normal and pathologic skeletal muscle, Murphy WA; Totty WG; Carroll JE, (AJR), 146: 565, 1986

optimizing pulse sequences for magnetic resonance imaging of the musculoskeletal system, Richardson ML, (Radiol Clin North Am), 24: 137, 1986

proton magnetic resonance relaxation behavior of whole muscle with fatty inclusions, Fullerton GD; Cameron IL, Hunter K; Fullerton HJ, (Radiology), 155: 727, 1985 soft-tissue masses of the locomotor system: comparison of MR imaging with CT, Petasnick JP; Turner DA; Charters JR; Gitelis S; Zacharias CE, (Radiology), 160: 125, 1986

Muscles, necrosis

muscle necrosis: computed tomography appearance, Franze I; Goebel N; Stuckmann G, (Radiology), **160**: 286, 1986

Muscles, neoplasms
CT de ection of skeletal muscle metastases Schultz SR; Bree RL; Schwab RE; et al, (ICAT), 10: 81, 1986

CT findings of metastatic breast carcinoma involving muscle, Yoshy C; Montana M, (JCAT), 9: 967, 1985

magnetic resonance imaging of musculoskeletal neoplasms, Richardson ML; Kilcoyne RF; Gillespy T III; et al, (Radiol Clin North Am), 24: 259, 1986

"photopenic" bone lesion secondary to erector spinae muscle infiltration by breast carcinoma, Eiber AM; Wiener SN, (Clin Nucl Med), 11: 194, 1986

soft-tissue masses of the locomotor system: comparison of MR imaging with CT, Petasnick JP; Turner DA; Charters JR; Gitelis S; Zacharias CE, (Radiology), 160: 125 1986

uptake of Tc-99m MDP in muscle anticipating clinical evidence of a carcinomatous myopathy, Lentle BC; Russell AS, (Radiology), **158**: 570, 1986

Muscles, paraspinal
"photopenic" bone lesion secondary to erector
spinae muscle infiltration by breast
carcinoma, Eiber AM; Wiener SN, (Clin
Nucl Med), 11: 194, 1986

Muscles, psoas non-tuberculous psoas abscess, Williams MP, (Clin Radiol), 37: 253, 1986 percutaneous drainage of a psoas abscess in a young child, Sullivan WT; Glasier CM; Yrizarry JM; et al, (Radiology), 155: 552, 1985

psoas disease causing a characteristic change in the ultrasonic appearance of the psoas compartment, Arenson AM; Wilson SR; McKee JD, (Radiology), 155: 861, 1985 psoas muscle disorders: MR imaging, Lee JKT; Glazer HS, (Radiology), 160: 683, 1986

Muscles, radiography calcific tendinitis of the longus colli muscle, Kaplan MJ; Favey RD, (Radiology), 154: 281, 1985

Muscles, radionuclide studies

nuscle localization of Tc-99m MDP after exertion, Valk P, (Radiology), 155: 558, 1985 rectus femoris muscle bone-image uptake in a sprinter, Telepak RJ; Hartshorne MF; Bauman JM; et al, (Clin Nucl Med), 11: 365,

1986
scintigraphic evaluation of muscle damage following extreme exercise: concise communication, Matin P; Lang G; Carretta R; et al, (Radiology), 151: 562, 1984 technetium-99m MDP activity in unsuspected necrotizing fasciitis, Lisann NM; Yankelevitz DF; Castronuovo J; et al, (Clin Nucl Med), 11: 218, 1986
uptake of Tc-99m MDP in muscle anticipating clinical evidence of a carcinomatous

clinical evidence of a carcinomatous myopathy, Lentle BC; Russell AS, (Radiology), **158**: 570, 1986

Muscles, US studies

haematoma of the rectus sheath, Gadzijev E; Repse S; Kovic M, (Radiology), **154:** 283, 1985

muscular pathology (exluding tumors) on ultrasound, Durckel J; Walter JP, (Radiology), **157**: 286, 1985

myonecrosis induced by drug overdose: pathogenesis, clinical aspects and radiological manifestations, Vukanovic 5; Hauser H; Curati WL, (Radiology), **152**: 551,

1984
psoas disease causing a characteristic change in the ultrasonic appearance of the psoas compartment, Arenson AM; Wilson SR; McKee JD, (Radiology), 155: 861, 1985 sonographic diagnosis of rhabdomyolysis, Fornage BD; Nerot C, (JCU), 14: 389, 1986 sonographic fat/muscle ratio, Fried AM; Coughlin K; Griffen WO, (Invest Radiol), 21: 71, 1986

ultrasonic refraction by the rectus abdominis muscles: double image artifact, Muller NL; Cooperberg PL; Rowley VA; et al, (J Ultrasound Med), 3: 515, 1984 ultrasonography in the evaluation of muscular trauma, Fornage BD; Touche DH; Segal P; et al, (Radiology), 153: 280, 1984

Myasthenia gravis

mediastinal computed tomography in myasthenia gravis, Kaye AD; Janssen R; Arger PH; et al, (Radiology), 151: 554, 1984

radiologic evaluation of the mediastinum in myasthenia gravis, Janssen RS; Kaye AD; Lisak RP; et al, (Radiology), **150**: 853, 1984

Mycobacteria

abdominal CT findings of disseminated mycobacterium avium-intracellulare in AIDS, Nyberg DA; Federle MP; Jeffrey RB Jr; et al, (AJR), 145: 297, 1985

abdominal tuberculosis: CT evaluation, Hulnick DH, Megibow AJ; Naidich DP; Hilton S; Cho KC; Balthazar EJ, (Radiology), 157: 199, 1985

association of achalasia and pulmonary mycobacterium fortuitum infection, Aronchick JM; Miller WT; Epstein DM; Gefter WB, (Radiology), **160**: 85, 1986

expanding spectrum of pulmonary disease caused by nontuberculous mycobacteria, Albelda SM; Kern JA; Marinelli DL; Miller WT, (Radiology), **157**: 289, 1985

expanding spectrum of pulmonary disease caused by nontuberculous mycobacteria, Rubinstein I, (Radiology), **159**: 815, 1986

nontuberculous mycobacterial infection in AIDS: clinical, pathologic, and radiographic features, Marinelli DL; Albelda SM; Williams TM; Kern JA; Iozzo RV; Miller WT, (Radiology), 160: 77, 1986

pathologic findings in disseminated Mycobacterium avium intracellulare infection: report of 11 cases, Farhi DC; Mason UG III; Horsburgh CR Jr, (Radiology), 160: 862, 1986

possible role of mycobacteria in inflammatory bowel disease. I. an unclassified mycobacterium species isolated from patients with Crohn's disease, Chiodini RJ; Van Kruiningen HJ; Yer WR; et al, (Radiology), 156: 265, 1985

possible role of mycobacteria in inflammatory bowel disease. II. mycobacterial antibodies in Crohn's disease, Thayer WR; Coutu JA; Chiodini RJ; et al, (Radiology), **156**: 265,

pulmonary cavitations in Mycobacterium kansasii: distinctions from M. tuberculosis, Zvetina JR; Demos TC; Maliwan N; et al, (AJR), 143: 127, 1984

thoracic tuberculosis, mycobacteriosis, MERosis, and BCGosis in a cancer treatment center, Hill CA, (Radiology), **153**: 311, 1984

utility of gallium imaging in the diagnosis of mycobacterium avium-intracellulare infection in patients with the acquired immunodeficiency syndrome, Bach MC; Bagwell 5P; Masur H, (Clin Nucl Med), 11: 175, 1986

Mycosis fungoides

"3-D effect" of diffuse skin involvement by mycosis fungoides on gallium imaging, Drane WE; Karvelis K; Buck JL; et al, (Clin Nucl Med), 11: 264, 1986

rapid pulmonary dissemination in mycosis fungoides simulating pneumonia. case report and review of the literature, Rubin DL; Blank N, (Radiology), **158**: 565,

Myelography

See also Meninges; Spinal cord; Spine anomalies of origin of lumbosacral nerve roots: myelographic signs and surgical findings, Babin E; Matge G; Dietemann JL, (Radiology), 151: 267, 1984

cervical myelopathy: comparison of magnetic resonance and myelography, Masaryk TJ; Modic MT; Geisinger MA; et al, (JCAT), 10:

cervical radiculopathy: computed tomography and myelography compared, Daniels DL; Grogan JP; Johansen JG; Meyer CA; Williams AL; Haughton VM, (Radiology), 151: 109, 1984

cervical radiculopathy: prospective evaluation with surface coil MR imaging, CT with metrizamide, and metrizamide myelography, Modic MT; Masaryk TJ; Mulopulos GP; Bundschuh C; Han JS; Bohlman H, (Radiology), 161: 753, 1986

- CT myelographic findings in degenerative disorders of the cervical spine: clinical significance, Penning L; Wilmink JT; van Woerden HH; et al, (AJNR), 7: 119, 1986
- CT myelography with intramedullary enhancement in cervical spondylosis, Iwasaki Y; Abe H; Isu T; et al, (Radiology),
- dural infolding during C1-2 myelography, Burt TB; Seeger JF; Carmody RF; Yang PJ, (Radiology), **158**: 546, 1986
- evaluation of cervical spinal cord injuries with metrizamide myelography-CT scanning, Cooper PR; Cohen W, (Radiology), 155: 554, 1985
- intraradicular herniated lumbar disc. a case report, Barbera J; Gonzalez-Darder J; Garcia-Vazquez F, (Radiology), 153: 855, 1984
- lumbar disc disease evaluated by myelography and postmyelography spinal computed tomography, Ketonen L; Gyldensted C, (Neuroradiol), 28: 144, 1986
- mobile myelographic filling defects: spinal cysticercosis, Savoiardo M; Cimino C; Passerini A; et al, (Neuroradiol), 28: 166,
- MRI versus conventional radiologic in versus conventional radiologic examinations in the evaluation of the craniovertebral and cervicomedullary junction, Smoker WRK; Keyes WD; Dunn VD; Menezes AH, (Radiographics), 6: 953, 1986
- myelography. 4th ed., Shapiro R, Reviewed by Martin DS, (Radiology), 153: 712, 1984
- spinal cord arteriovenous malformations with significant intramedullary conponents, Cogen P; Stein BM, (Radiology), 152: 259, 1984
- syndrome of the incidental herniated lumbar disc, Wilberger JE Jr; Pang D, (Radiology), 152: 259, 1984
- value of computed tomographic myelography in the recognition of cervical herniated disk. Landman JA; Hoffman JC Jr; Braun IF; et al, (AJNR), 5: 391, 1984

## Myelography, complications

- arachnoiditis from myelography and laminectomy in experimental animals, Johansen JG; Barthelemy CR; Haughton VM; et al, (AJNR), 5: 97, 1984
- chemical meningitis in metrizamide myelography: report of seven cases, Sand T; Anda S; Hellum K; et al, (Neuroradiol), 28:
- cortical blindness after metrizamide myelography, Smirniotopoulos JG; Murphy FM; Schellinger D; et al, (Radiology), 153: 569, 1984
- delayed onset of dexamethasone-dependent cerebral dysfunction following metrizamide myelography, Weissman BM, (Radiology), 154: 279, 1985
- delayed spinal subarachnoid hematoma: rare complication of C1-C2 cervical myelography, Abla AA; Rothfus WE; Maroon JC; et al, (AJNR), 7: 526, 1986
- flexed sitting maneuver for complete lumbar myelography in patients with severe spinal stenosis and apparent block, Kapila A; Chakeres DW, (Radiology), 160: 265, 1986
- incidence of side effects following direct puncture cervical myelography. bed rest vs. normal mobility, Teasdale E; Macpherson P, (Radiology), **151**: 267, 1984
- influence of certain factors on the manifestations of the adverse effects of metrizamide myelography, Yu YL; du Boulay GH; Paul E, (Neuroradiol), 28: 339,
- intracranial subdural haematoma after metrizamide myelography, Dan NG, (Radiology), 153: 853, 1984
- irreversible neurologic complications of metrizamide myelography, Meador K; Hamilton WJ; El Gammal TAM; et al, (Radiology), **154**: 564, 1985
- myelography with metrizamide: effect of contrast removal on side effects, Numaguchi Y; Weems AM; Mizushima A; et al, (AJNR), 7: 498, 1986
- neurologic complications in diabetics after metrizamide lumbar myelography, Steiner E; Simon JH; Ekholm SE; et al, (AJNR), 7: 323, 1986
- outpatient lumbar myelography with metrizamide, Kostiner AI; Krook PM, (Radiology), 155: 383, 1985

- outpatient metrizamide myelography: prospective evaluation of safety and cost effectiveness, Badami JP; Baker RA; Scholz FJ; McLaughlin M, (Radiology), 158: 175, 1986
- prolonged delirium after metrizamide myelography, Elliott RL; Wild JH; Snow WT, (Radiology), **155**: 859, 1985
- spinal cord injury caused by a lateral C1-2 puncture for cervical myelography, Muller-Vahl H; Vogelsang H, (Eur J Radiol), 6: 160,
- transient expressive (nonfluent) dysphasia after metrizamide myelography, Sarno JB, (AJNR), 6: 945, 1985

## Myelography, contrast media

- comparison of iohexol with metrizamide in myelography, Sortland O; Nestvold K; Kloster R; Aandahl MH, (Radiology), **151**:
- computed tomography with metrizamide myelography to define the extent of spinal canal block due to tumor, Fink IJ; Garra BS; Zabell A; et al, (JCAT), 8: 1072, 1984
- CT myelography for outpatients: an inpatient/outpatient pilot study to assess methodology, Zinreich SJ; Wang H; Updike ML; Kumar AJ; Ahn HS; North RB; Rosenbaum AE, (Radiology), 157: 387, 1985
- delayed CT myelography in spinal intramedullary metastasis, Reddy SC; Vijayamohan G; Rao GR, (JCAT), 8: 1182, 1984
- evaluation of myelographic contrast-medium tolerance with psychometric testing, Hammeke TA; Grogan JP; Haughton VM; et al, (AJNR), 6: 343, 1985
- hyperthermia after metrizamide myelography, Latack JT; Gabrielsen TO; Knake JE; et al, (AJNR), 5: 649, 1984
- iohexol lumbar myelography: clinical study, Holder JC; Binet EF; Kido DK; et al, (AJNR), 5: 399, 1984
- iohexol versus metrizamide for cervical myelography: double-blind trial, Gebarski SS; Gabrielsen TO; Knake JE; et al, (AJNR), 6: 923, 1985
- iohexol versus metrizamide for lumbar myelography: double-blind trial, Gabrielsen TO; Gebarski SS; Knake JE; et al, (AJNR), 5: 181, 1984
- iohexol vs. metrizamide: study of efficacy and morbidity in cervical myelography, Latchaw RE; Hirsch WL Jr; Horton JA; et al, (AJNR), 6: 931, 1985
- iopamidol and metrizamide for myelography: prospective double-blind clinical trial, Witwer G; Cacayorin ED; Bernstein AD; et al, (AJNR), 5: 403, 1984
- iopamidol for myelography—practical implications, De Villiers PD; Snyman PJNH; Van Rensburg MNJ; et al, (Radiology), 156:
- iotrol versus metrizamide in lumbar myelography: double-blind study, Malnor MD; Houston LW; Strother CM; Turski PA; Sackett JF; Boyer M, (Radiology), 158: 845, 1986
- lumbar myelography with iohexol and metrizamide, Kieffer SA; Binet EF; Davis DO; et al, (Radiology), 157: 856, 1985
- lumbar myelography with iohexol and metrizamide: a comparative multicenter prospective study. Kieffer SA; Binet EF; Davis DO; Gabrielsen TO; Kido DK; Latchaw RE; Turski PA; Shaw DD, (Radiology), 151: 665, 1984
- lumbar myelography with Omnipaque (iohexol), Lilleas F; Bach-Gansmo T; Weber H, (Neuroradiol), 28: 344, 1986
- metrizamide CT myelography in cervical myelopathy and radiculopathy: correlation with conventional myelography and surgical findings, Badami JP; Norman D; Barbaro NM; et al, (AJNR), 6: 59, 1985
- metrizamide-iophendylate layering technique for thoracolumbar myelography, Smith SP; Wolpert SM, (Radiology), **153**: 821, 1984
- metrizamide myelography and postmyelographic computed tomography: comparative adequacy in the cervical spine, Sobel DF; Barkovich AJ; Munderloh SH, (AJNR), 5: 385, 1984
- myelography with iohexol (Omnipaque): review of 300 cases, Burrows EH, (AJNR), 6: 349, 1985

- outpatient lumbar myelography: initial results in 79 examinations using a low-dose metrizamide technique, Tate CF III; Wilkov HR; Lestrange NR; Gardiner HF; Stein KR, (Radiology), 157: 391, 1985
- Outpatient metrizamide myelography: prospective evaluation of safety and cost effectiveness, Badami JP; Baker RA; Scholz FJ; McLaughlin M, (Radiology), 158: 175, 1986
- pharmacokinetics of iopamidol after intrathecal administration in humans, Duchin KL; Drayer BP; Ross M; et al, (AJNR), 7: 895, 1986
- removal of water-soluble contrast media after cervical myelography using cervical injection, Ramsey RG; Rabin DN, (AJNR), 7:

## Myelography, in infants and children

iohexol in paediatric myelography: open non-comparative trial, Kendall B, (Neuroradiol), 28: 65, 1986

## Myelography, technology

- C1-C2 myelography with iohexol and metrizamide: comparative study, Brooks BS; El Gammal T; Van Tassel P; et al, (AJNR), 6:
- CT myelography in cervical nerve root avulsion, Petras AF; Sobel DF; Mani JR; et al, (JCAT), 9: 275, 1985
- CT myelography in spinal cysticercosis, Zee C-S; Segall HD; Ahmadi J; et al, (JCAT), 10: 195, 1986
- epidural block: myelographic evaluation with single-puncture technique using metrizamide, Kelly WM; Badami P; Dillon WP, (Radiology), 151: 417, 1984
- iohexol for cervical myelography via C1-C2 puncture: study of efficacy and adverse reactions, Latchaw RE; Sackett JF; Turski PA; et al, (AJNR), 6: 927, 1985
- metrizamide-iophendylate layering technique for thoracolumbar myelography, 5mith 5P; Wolpert SM, (Radiology), 153: 821, 1984
- myelography in cancer patients: modified technique, Lee Y-Y; Glass JP; Wallace S, (AJNR), 6: 617, 1985
- outpatient lumbar myelography with metrizamide, Kostiner AI; Krook PM, (Radiology), 155: 383, 1985
- push-up view: superior cross-table lateral projection for cervical myelography, Reicher MA; Halbach VV; Bentson JR; et al, (AJNR), 7: 899, 1986
- real-time digitally subtracted fluoroscopy for cervical myelography, Sherry RG; Anderson RE, (Radiology), **151:** 243, 1984
- removal of water-soluble contrast media after cervical myelography using cervical injection, Ramsey RG; Rabin DN, (AJNR), 7: 141, 1986
- thin spinal or biopsy needle guidance, Mirfakhraee M; Gerlock AJ Jr; Giyanani VL; Sadree A, (Radiology), **154**: 240, 1985
- use of sitting position to relieve myelographic obstruction, Crane R; Margolis MT, (AJNR), 7: 502, 1986

## Myelolipoma

- adrenal myelolipoma: CT and ultrasound findings, Vick CW; Zeman RK; Mannes E; et al, (Radiology), **153**: 563, 1984
- management of lipomyelomeningocele. experience at the Hospital for Sick Children, Toronto, Hoffman HJ; Taecholarn C; Hendrick EB; et al, (Radiology), 157: 855,
- myelolipoma of the liver, Rubin E; Russinovich NAE; Luna RF; et al, (Radiology), **156**: 266, 1985
- presacral myelolipoma: CT findings, Sutker B; Balthazar EJ; Fazzini E, (JCAT), 9: 1128, 1985

- case report 350, Edelman RR; Kaufman H; Kolodny GM, (Skeletal Radiol), 15: 160, 1986 case report 383, Kouwenberg JJ; Simons AJ, (Skeletal Radiol), 15: 484, 1986
- involvement assessed by computerised tomography, Solomon A; Rahamani R; Seligsohn U; et al, (Radiology), 154: 568, 1985
- multiple myeloma: evaluation by CT, Schreiman JS; McLeod RA; Kyle RA; Beabout JW, (Radiology), **154**: 483, 1985

obstructive jaundice due to multiple myeloma of the pancreatic head: CT evaluation, Mitchell DG; Hill MC, (JCAT), 9: 1118, 1985

orbital involvement by multiple myeloma: case report, Boyadjis TA; D'Altorio RA, (CT), 10: 145, 1986

skeletal surveys in multiple myeloma: radiologic-clinical correlation, Sebes JI; Niell HB; Palmieri GMA; et al, (Skeletal Radiol), 15: 354, 1986

#### Myoblastoma

exogastric leiomyoblastoma: rare gastric neoplasm mimicking left hepatic mass on computed tomography, Stanley JH; Ravenel D; Parker TH; et al, (CT), 10: 187,

#### Myocarditis

indium-111 leukocyte scanning localization for detecting early myocarditis in Kawasaki disease, Williamson MR; Williamson SL; Seibert JJ, (AJR), 146: 255, 1986

myocardia i maging: Coxsackie myocarditis, Wells RG; Ruskin JA; Sty JR, (Clin Nucl Med), 11: 661, 1986

# Myocardium

See also Heart

## Myocardium, abnormalities

cine-computed tomography of arrhythmogenic right ventricular dysplasia, Dery R; Lipton MJ; Garrett JS; et al, (JCAT), 10: 120, 1986

familial dilated cardiomyopathy associated with cataracts and hip-spine disease, Krasnow N; Qazi QH; Vermakov V, (Radiology), 155: 848, 1985

persisting myocardial sinusoids of both ventricles as an isolated anomaly: echocardiographic, angiographic, and pathologic anatomical findings, Jenni R; Goebel N; Tartini R; et al, (Cardiovasc Intervent Radiol), 9: 127, 1986

## Myocardium, blood supply

ssessing the adequacy of myocardial perfusion in man: anatomic and functional techniques, Miller SW; Boucher CA, (Radiol Clin North Am), 23: 589, 1985

assessment of regional wall motion and perfusion by multigated myocardial perfusion scintigraphy after intracoronary Tl-201, Parker JA; Markis JE; Royal HD, (Radiology), 154: 783, 1985

myocardial perfusion defects in contrast echocardiography: spatial and temporal localisation, Miszalok V; Fritzsch T; Schartl M, (Ultrasound Med Biol), 12: 581, 1986

myocardial perfusion studies: lessons from a decade of clinical use, Strauss HW; Boucher CA, (Radiology), **160**: 577, 1986

regional myocardial and organ blood flow after myocardial infarction: application of the microsphere principle in man, Selwyn AP; Shea MJ; Foale R; et al, (Radiology), 160: 574, 1986

## Myocardium, CT

cardiac imaging with a high-speed cine-CT scanner: preliminary results, Lipton MJ; Higgins CB; Farmer DW; Boyd DP, (Radiology), **152**: 579, 1984

cine-computed tomography of arrhythmogenic right ventricular dysplasia, Dery R; Lipton MJ; Garrett JS; et al. (JCAT), 10: 120, 1986

CT demonstration of myocardial perforation by a pacemaker lead, Sussman SK; Chiles C; Cooper C; et al, (JCAT), **10**: 670, 1986

in vivo evaluation of myocardial infarction by computed tomography: experiment with electrocardiographic gating, Checkley DR; Sekiya T; Isherwood I; et al, (Br J Radiol), 59: 461, 1986

prospective demonstration of myocardial infarction by CT, Godwin JD; Van Moore A Jr; Ideker RE; et al, (AJR), 143: 985,

regional myocardial dysfunction: evaluation of patients with prior myocardial infarction with fast CT, Lipton MJ; Farmer DW; Killebrew E; Bouchard A; Dean PB; Ringertz HG; Higgins CB, (Radiology), 157: 735 1085.

## Myocardium, infarction

seessment of regional wall motion and perfusion by multigated myocardial perfusion scintigraphy after intracoronary TI-201, Parker J A; Markis JE; Royal HD, (Radiology), **154**: 783, 1985

\* The author has retracted this publication.

biventricular thrombus formation in association with acute myocardial infarction: diagnosis by two-dimensional echocardiography, Friedman HZ; Buda AJ, (JCU), 14: 315, 1986

coronary artery spasm causing myocardial infarction, Moses HW; Taylor GJ; Asali Z; et al, (Radiology), **150**: 287, 1984 coronary thrombolytic therapy: state of the art, Marx M; Levin DC, (AJR), 147: 1, 1986

detection of multivessel disease after myocardial infarction usign intravenous stress digital subtraction angiography, Bellamy GR; Yiannikas J; Detrano R; Simpfendorfer C; Salcedo EE, (Radiology),

differentiation of reversible and irreversible myocardial injury by MR imaging with and without gadolinium-DTPA, McNamara MT; Tscholakoff D; Revel D; Soulen RL; Schechtmann N; Botvinick EH; Higgins CB, (Radiology), 158: 765, 1986

early-phase myocardial infarction: evaluation by MR imaging, Tscholakoff D; Higgins CB; McNamara MT; Derugin N, (Radiology),

193: 007, 1906 effect of gadolinium-DTPA on the magnetic relaxation times of normal and infarcted myocardium, Wesbey GE; Higgins CB; McNamara MT; Engelstad BL; Lipton MJ; Sievers R; Ehman RL; Lovin I; Brasch RC, (Radiology), 153: 165, 1984

effects of intracoronary thrombolysis on global left ventricular function assessed by an automated edge detection technique, van der Wall EE; Res JCJ; van Eenige MJ; et al, (J Nucl Med), 27: 478, 1986

failure of Fluosol DA to enhance the ultrasonic image of infarcted myocardium, Vasey CG; Armstrong WF; West SR; et al, (JCU), 14: 613, 1986

gated magnetic resonance imaging for assessment of cardiac function and myocardial infarction, Tscholakoff D; Higgins CB, (Radiol Clin North Am), 23: 449, 1985

incomplete lysis of thrombus in the moderate underlying atherosclerotic lesion during intracoronary infusion of streptokinase for acute myocardial infarction: quantitative angiographic observations, Brown BG; Gallery CA; Badger RS; et al., (Radiology), 160: 859, 1986

intravenous recombinant tissue-type plasminogen activator in patients with acute myocardial infarction: report from the NHLBI thrombolysis in myocardial infarction trial, Williams DO: Borer J; Braunwald E; et al. (Radiology), 160: 286, 1002

in vivo estimation of myocardial infarct size and left ventricular function by prospectively gated computerized transmission tomography, Slutsky RA; Mattrey RF; Long SA; et al, (Radiology), 150: 614, 1984

in vivo evaluation of myocardial infarction by computed tomography: experiment with electrocardiographic gating, Checkley DR; Sekiya T; Isherwood I; et al., (Br J Radiol), 59: 461, 1986

magnetic resonance imaging during acute myocardial infarction, Johnston DL; Thompson RC; Liu P; et al, (Radiology), **161**: 861, 1986

magnetic resonance imaging of chronic myocardial infarcts in man, McNamara MT; Higgins CB, (AJR), **146**: 315, 1986

MRI of reperfused myocardial infarct in dogs, Tscholakoff D; Higgins CB; Sechtem U; et al, (AJR), 146: 925, 1986

(AJK), 146: 743, 1700 occlusive and reperfused myocardial infarcts: effect of Gd-DTPA on ECG-gated MR imaging, Tscholakoff D; Higgins CB; Sechtem U; McNamara MT, (Radiology),

prospective demonstration of myocardial infarction by CT, Godwin JD; Van Moore A Jr; Ideker RE; et al. (AJR), 143: 985, 1984

quantitative angiographic morphology of coronary stenoses leading to myocardial infarction or unstable angina, Wilson RF; Holida MD; White CW, (Radiology), 160:

267, 1786
regional myocardial and organ blood flow after myocardial infarction: application of the microsphere principle in man, Selwyn AP; Shea M; Foale R; et al, (Radiology), 160: 574, 1986

regional myocardial dysfunction: evaluation of patients with prior myocardial infarction with fast CT, Lipton MJ; Farmer DW; Killebrew E; Bouchard A; Dean PB; Ringertz HG; Higgins CB, (Radiology), 157:

regional perfusion, glucose metabolism, and wall motion in patients with chronic electrocardiographic Q-wave infarctions: evidence for persistence of viable tissue in some infarct regions by positron emission tomography, Brunken R; Tillisch J; Schwaiger M; et al, (Radiology), 161: 285, 1986.

relations between 2-dimensional echocardiographic wall thickening abnormalities, myocardial infarct size and coronary risk area in normal and hypertrophied myocardium in dogs, Pandian NG: Koyanagi S; Skorton DJ; et al, (Radiology), 152: 863, 1984

rubidium-82 kinetics after coronary occlusion: temporal relation of net myocardial accumulation and viability in open-chested dogs, Goldstein RA, (J Nucl Med), 27: 1456, 1986

separate effects of ischemia, hypoxia, and contractility on thallium-201 kinetics in rabbit myocardium, Leppo JA; Macneil PB; Moring AF; et al, (J Nucl Med), 27: 66, 1986

septal infarction demonstrated on technetium-99m PYP SPECT, Intenzo CM; Koh YB; Madsen MT; et al, (Clin Nucl Med), 11: 82,

## Myocardium, inflammation

See Myocarditis Myocardium, injuries

myocardial perforation by transvenous pacemaker in a newborn infant: echocardiographic diagnosis, Muhler E; Hofstetter R; Hornchen H; et al, (JCU), **14**:

## Myocardium, ischemia

acute myocardial ischemia: magnetic resonance contrast enhancement with gadolinium-DTPA, McNamara MT; Higgins CB; Ehman RL; Revel D; Sievers R; Brasch RC, (Radiology), 153: 157, 1984

early-phase myocardial infarction: evaluation by MR imaging, Tscholakoff D; Higgins CB; McNamara MT; Derugin N, (Radiology), 159: 667, 1986

\*extravascular lung water: effects of intravenous ionic and non-ionic (iopamidol) contrast media during ischemia, Slutsky RA; Strich G, (Radiology), 155: 11, 1985

\*extravascular lung water: effects of using ionic contrast media at varying levels of left atrial pressure and during myocardial ischemia, Slutsky RA; Brown JJ; Strich G, (Radiology), 152: 575, 1984

myocardial perfusion studies: lessons from a decade of clinical use, Strauss HW; Boucher CA, (Radiology), **160**: 577, 1986

separate effects of ischemia, hypoxia, and contractility on thallium-201 kinetics in rabbit myocardium, Leppo JA; Macneil PB; Moring AF; et al. (J Nucl Med), 27: 66, 1986

## Myocardium, MR studies

acute myocardial ischemia: magnetic resonance contrast enhancement with gadolinium-DTPA, McNamara MT; Higgins CB; Ehman RL; Revel D; Sievers R; Brasch RC, (Radiology), 153: 157, 1984

differentiation of reversible and irreversible interentation of reversible and irreversible myocardial injury by MR imaging with and without gadolinium-DTPA, McNamara MT; Tscholakoff D; Revel D; Soulen RL; Schechtmann N; Botvinick EH; Higgins CB, (Radiology), 158: 765, 1986

early-phase myocardial infarction: evaluation by MR imaging, Tscholakoff D; Higgins CB; McNamara MT; Derugin N, (Radiology), 159: 667, 1986

effect of gadolinium-DTPA on the magnetic rect of gadolinum-D17A on the magnetic relaxation times of normal and infarcted myocardium, Wesbey GE; Higgins CB; McNamara MT; Engelstad BL; Lipton MJ; Sievers R; Ehman RL; Lovin J; Brasch RC, (Radiology), 153: 165, 1984

magnetic resonance imaging during acute myocardial infarction, Johnston DL; Thompson RC; Liu P, et al, (Radiology), 161: 861, 1986

magnetic resonance imaging of chronic myocardial infarcts in man, McNamara MT; Higgins CB, (AJR), **146**: 315, 1986

MRI of reperfused myocardial infarct in dogs, Tscholakoff D; Higgins CB; Sechtem U; et al, (AJR), 146: 925, 1986

occlusive and reperfused myocardial infarcts: effect of Gd-DTPA on ECG-gated MR imaging, Tscholakoff D; Higgins CB; Sechtem U; McNamara MT, (Radiology), 160: 515, 1986

## Myocardium, neoplasms

metastatic uterine cervical cell carcinoma to myocardium, Antico VF; Hands ME; Lloyd BL, (Clin Nucl Med), 11: 131, 1986

## Myocardium, radionuclide studies

seessment of regional wall motion and perfusion by multigated myocardial perfusion scintigraphy after intracorona T1-201, Parker JA; Markis JE; Royal HD, (Radiology), 154: 783, 1985

clinical utility of labeled cells for detection of allograft rejection and myocardial infarction, Fawwaz RA, (Semin Nucl Med),

14: 198, 1984

computer modeling of planar myocardial perfusion imaging: effect of heart rate and ejection fraction on wall thickness and chamber size, Machac J; Levin H; Balk E; et al, (J Nucl Med), 27: 653, 1986

diagnostic value of image processing in myocardial scintigraphy, Cinotti L; Meignan M; Usdin J-P; et al, (Radiology), 152: 869, 1984

- 15.2 609, 1594 dual tracer autoradiographic study of β-methyl-(1-1<sup>14</sup>C) heptadecanoic acid and 15-p-(1<sup>31</sup>I)-iodophenyl-β-methylpentadecanoic acid in normotensive and hypertensive rats, Yamamoto K; Som P; Brill AB; et al, (J Nucl Med), 27: 1178, 1986
- effect of eating on thallium myocardial imaging, Wilson RA; Sullivan PJ; Okada RD; et al, (Radiology), **160**: 57**4**, 1986
- effect of reperfusion and hyperemia on the myocardial distribution of technetium-99m t-butylisonitrile, Holman BL; Campbell CA; Lister-James J; et al. (J Nucl Med), 27: 1172,
- effect of variable left ventricular vertical orientation on planar myocardial perfusion images, Horowitz SF; Machae J; Levin H; et al, (J Nucl Med), 27: 694, 1986
- influence of peak exercise heart rate on normal thallium-201 myocardial clearance, Kaul S; Chesler DA; Pohost GM; et al, (J Nucl Med), 27: 26, 1986
- iodine-131 metaiodobenzylguanidine intra-and extravesicular accumulation in the rat heart, Nakajo M; Shimabukuro K; Yoshimura H; et al, (J Nucl Med), 27: 84,
- measurement of myocardial fatty acid metabolism: kinetics of iodine-123 heptadecanoic acid in normal dog hearts, Schon HR; Senekowitsch R; Berg D; et al, (J Nucl Med), 27: 1449, 1986
- myocardial localization of technetium-99m MDP in an infant, Fleming JC; Pysher TJ; Leonard JC, (Clin Nucl Med), 11: 369, 1986
- myocardial macroaggregate uptake on successive lung perfusion scans, Cinotti L; Meignan M; Legendre T; et al, (Radiology), 153: 282, 1984
- myocardial perfusion studies: lessons from a decade of clinical use, Strauss HW; Boucher CA, (Radiology), **160**: 577, 1986
- myocardial visualization on a routine perfusion lung scintigram: relationship to the amount of right-to-left shunt. Seto H; Futatsuya R; Kamei T; et al, (Radiology), **153**: 281, 1984
- quantitation of perfused myocardial mass using Tl-201 and emission computed tomography, Holman BL; Moore SC; Shulkin PM; et al, (Radiology), 151: 561,
- quantitative analysis of stress thallium-201 myocardial scintigrams: multicenter trial Van Train KF; Berman DS; Garcia EV; et al, (J Nucl Med), 27: 17, 1986
- quantitative relationship between global left ventricular thallium uptake and blood flow: effects of propranolol, quabain, dipyridamole, and coronary artery occlusion, Melin JA; Becker LC, (J Nucl Med), 27: 641, 1986
- radioiodinated 15-(p-iodophenyl)-3,3-dimethylpentadecanoic acid: useful new agent to evaluate myocardial fatty acid uptake, Knapp FF Jr; Goodman MM; Callahan AP; et al, (J Nucl Med), 27: 521,

- rubidium-82 kinetics after coronary occlusion: temporal relation of net myocardial accumulation and viability in open-chested dogs, Goldstein RA, (J Nucl Med), 27: 1456, 1986
- segmental coronary artery disease: detection by rotating slant-hole collimator tomography and planar thallium 201 myocardial scintigraphy, Starling MR; Dehmer GJ; Lancaster JL; Lasher JC; Walsh RA; Weiland FL; Uhl GS; Blumhardt R, (Radiology), 157: 781, 1985
- septal infarction demonstrated on technetium-99m PYP SPECT, Intenzo CM; Koh YB; Madsen MT; et al, (Clin Nucl Med), 11: 82,
- sequential early and delayed myocardial <sup>99m</sup>Tc pyrophosphate scans: evaluation of diffuse myocardial uptake, Shih W-J; Deland FH; Domstad PA; et al, (Radiology), **153**: 281, 1984
- thallium-201 myocardial imaging during coronary vasodilation induced by oral dipyridamole, Gould KL; Sorenson SG; Albro P; et al, (J Nucl Med), 27: 31, 1986
- thallium-201 scintigraphic quantitation of regional flow disparity and subsequent redistribution in dogs, Steingart RM; Cohen MV, (J Nucl Med), 27: 75, 1986
- thallium myocardial perfusion scintigraphy: influence of perfusion, scatter, and photon energy on the detection of lesions, Yos PH; Pauwels EKJ; Vossepoel AM, (Cardiovasc Intervent Radiol), 9: 7, 1986
- tomoscintigraphic assessment of myocardial metabolic heterogeneity, Roesler H; Hess T; Weiss M; et al, (Radiology), **151**: 561, 1984

## Myocardium, US studies

- failure of Fluosol DA to enhance the ultrasonic image of infarcted myocardium, Vasey CG; Armstrong WF; West SR; et al, (JCU), 14: 613, 1986
- myocardial perforation by transvenous pacemaker in a newborn infant: echocardiographic diagnosis, Muhler E; Hofstetter R; Hornchen H; et al, (JCU), 14: 141, 1986
- myocardial perfusion defects in contrast echocardiography: spatial and temporal localisation, Miszalok V; Fritzsch T; Schartl M, (Ultrasound Med Biol), 12: 581, 1986
- myocardial texture characterization by twodimensional echocardiography, Bhandari AK; Nanda NC, (Radiology), 150:
- persisting myocardial sinusoids of both ventricles as an isolated anomaly: ventricles as an isolated anomaly: echocardiographic, angiographic, and pathologic anatomical findings, Jenni R; Goebel N; Tartini R; et al, (Cardiovasc Intervent Radiol), 9: 127, 1986
- quantitative texture analysis of twodimensional echocardiography: application to the diagnosis of experimental myocardial contusion, Skorton DJ; Collins SM; Nichols J; et al. (Radiology), 151: 831, 1984

- CT evaluation of gastrointestinal leiomyomas and leiomyosarcomas, Megibow AJ; Balthazar EJ; Hulnick DH; et al, (AJR), 144:
- cystic pedunculated leiomyomas of the uterus with unusual CT manifestations, Togashi K; Nishimura K; Nakano Y; et al, (JCAT), 10:
- gastric leiomyosarcoma: CT observations, Scatarige JC; Fishman EK; Jones B; et al, (JCAT), 9: 320, 1985
- gastric polyps: radiological evaluation and clinical significance, Feczko PJ; Halpert RD; Ackerman LV, (Radiology), 155: 581, 1985
- general case of the day: annual meeting, 1985, Muhm JR, (Radiographics), 6: 914, 1986
- leiomyoma of the bladder, Wenz W; Sommerkamp H; Dinkel E, (Urol Radiol), 8: 114, 1986
- leiomyoma of the bladder: sonographic and urographic findings, Bornstein I; Charboneau JW; Hartman GW, (J Ultrasound Med), 5: 407, 1986
- leiomyosarcoma in bone: primary or secondary? a case report and review of the literature, Fornasier VL; Paley D, (Radiology), 153: 562, 1984

- leiomyosarcoma of the inferior vena cava (IVČ) with intracardiac extension, Gutierrez OH; Desai S; Burgener FA, (Eur J Radiol), 6: 153, 1986
- leiomyosarcoma of the superior vena cava: diagnosis by cardiac gated MR, Lupetin AR; Dash N; Beckman I, (Cardiovasc Intervent Radiol), 9: 103, 1986
- leiomyosarcomas of venous origin in the extremities. a correlated clinical, roentgenologic, and morphologic study with diagnostic and surgical implication Berlin O; Stener B; Kindblom L-G; et al, (Radiology), 156: 268, 1985
- MR imaging of uterine leiomyomas and their complications, Hamlin DJ; Pettersson H; Fitzsimmons JR; et al, (JCAT), 9: 902, 1985
- orbital leiomyosarcoma after radiation therapy for bilateral retinoblastoma, Folberg R: Cleasby G; Flanagan JA; et al, (Radiology), 152: 566, 1984
- partial biliary obstruction due to adenomyoma of the terminal con. non bile duct, Gilbert LA; Park YS; Ally KM, (Clin Nucl Med), 11: 216, 1986
- primary leiomyosarcoma of the lung in a girl, Beluffi G; Bertolotti P; Mietta A; et al, (Pediatr Radiol), 16: 240, 1986
- radiological diagnosis of leiomyosarcoma of the inferior vena cava, Lok AS-F; Wong K-P; Lee P-K; et al, (Clin Radiol), 37: 403, 1986
- sonographic features of uterine leiomyomas: analysis of 41 proven cases, Gross BH; Silver TM; Jaffe MH, (Radiology), **152**: 865,
- sonographic findings in leiomyomatosis peritonealis disseminata: case report and literature review, Renigers SA; Michael AS; Bardawil WA; et al, (J Ultrasound Med), 4: 497, 1985
- urinary bladder MR imaging. part II. neoplasm, Fisher MR; Hricak H; Tanagho EA, (Radiology), **157**: 471, 1985
- uterine leiomyomas: correlation of MR, histopathologic findings, and symptoms, Hricak H; Tscholakoff D; Heinrichs L; Fisher MR; Dooms GC; Reinhold C; Jaffe RB, (Radiology), 158: 385, 1986

#### Myopathy See Muscles, diseases

## Myosarcoma

- chondrosarcoma in children subsequent to other malignant tumours in different locations, Vanel D; Coffre C; Zemoura L; et al, (Radiology), 154: 562, 1985
- computed tomography of prostatic and bladder rhabdomyosarcomas, Baker ME; Silverman PM; Korobkin M, (JCAT), 9: 780,
- leiomyosarcoma: computed tomographic findings, McLeod AJ; Zornoza J; Shirkhoda A, (Radiology), 152: 133, 1984
- ultrasound appearance of biliary rhabdomyosarcoma, Williams AG Jr; Sheward SE, (JCU), 14: 63, 1986

## Myositis

- acute and subacute orbital myositis, Weinstein GS; Dresner SC; Slamovits TL; et al, (Radiology), **151**: 552,
- magnetic resonance imaging of musculoskeletal infections, Modic MT; Pflanze W; Feiglin DHI; et al, (Radiol Clin North Am), 24: 247, 1986
- orbital inflammation, myositis, and systemic lupus erythematosus, Grimson BS; Simons KB, (Radiology), **150**: 863, 1984

## Myositis ossificans

case report 385, Loevinger E; Schabel SI; Davis CS III; et al, (Skeletal Radiol), 15: 492, 1986 myositis ossificans and the three-phase bone scan, Drane WE, (AJR), 142: 179, 1984

- CT findings of atrial myxoma, Tsuchiya F; Kohno A; Saitoh R; Shigeta A, (Radiology), 151: 139, 1984
- cysts in left atrial myxomas identified by transesophageal cross-sectional echocardiography, Thier W; Schluter M; Krebber H-J; et al., (Radiology), 151: 558,
- echocardiographic diagnosis of intracardiac myxomas. present status, Liu HY; Panidis I; Soffer J; et al, (Radiology), 151: 558, 1984
- gated MR imaging of left atrial myxomas, Conces DJ Jr; Vix VA; Klatte EC, (Radiology), **156**: 445, 1985

sonographic demonstration of a pelvic fibromyxoma, Yoshino MT; Mar DY; Hunter TB, (J Ultrasound Med), 4: 365, 1985 two-dimensional echocardiographic features of multiple right atrial myxomas, Cladden JR; Dreiling RJ; Gollub SB; et al, (Radiology), 152: 863, 1984

## N

Nasopharynx

asopnarynx barium sulphate coating of the nasopharynx in lateral view videofluoroscopy, Cohn ER; Rood SR; McWilliams BJ; et al, (Radiology), 153: 278, 1984

embolization of epistaxis and juvenile nasopharyngeal angiofibromas, Davis KR, (AJNR), 7: 953, 1986

localized amyloidosis of the head and neck localized amyloidosis of the nead and neck and upper aerodigestive and lower respiratory tracts, Simpson GT II; Strong MS; Skinner M; et al, (Radiology), 155: 282, 1985 normal nasopharyngogram, Khoo FY; Kanagasuntheram R; Chia KB; et al, (AJR), 147: 145, 1986

pharyngonasal reflux: spectrum and significance in early childhood, Oestreich AE; Dunbar JS, (AJR), 142: 923,

Nasopharynx, abnormalities

choanal atresia: precise CT evaluation, Slovis TL; Renfro B; Watts FB; Kuhns LR; Belenky W; Spoylar J, (Radiology), 155: 345,

magnetic resonance imaging of the nasopharynx, Dillon WP; Mills CM; Kjos BO; DeGroot J; Brant-Zawadzki M, (Radiology), 152: 731, 1984

nasal airway obstruction: CT assessment, Chinwuba C; Wallman J; Strand R, (Radiology), **159**: 503, 1986

Nasopharynx, anatomy anatomic basis of the pseudotumor of the nasal cavity, Sistrom CL; Keats TE; Johnson CM III, (AJR), 147: 782, 1986

Nasopharynx, CT

choanal atresia: precise CT evaluation, Slovis TL; Renfro B; Watts FB; Kuhns LR; Belenky W; Spoylar J, (Radiology), 155: 345,

computed tomography of the nasopharynx and neck, Vibhakar SD; Eckhauser C; Bellon EM, (Radiology), 151: 553, 1984 computed tomography of the nasopharynx and related spaces, 5moker WRK; Gentry LR, (Semin US CT MR), 7: 107, 1986

CT of the nasopharyngeal region: normal and pathologic anatomy, Silver AJ; Sane P; Hilal SK, (Radiol Clin North Am), 22: 161,

dynamic computed tomography of the head and neck: differential diagnostic value, Michael AS; Mafee MF; Valvassori GE; Tan WS, (Radiology), 154: 413, 1985

extracranial tumor vascularity: determination Kractaniai tumor vascularity: determination by dynamic CT scanning, part I: concepts and signature curves, Som PM; Lanzieri CF; Sacher M; Lawson W; Biller HF, (Radiology), 154: 401, 1985

extracranial tumor vascularity: determination by dynamic CT scanning; part II; the unit approach, Som PM; Lanzieri CF; Sacher M; Lawson W: Biller HF. (Radiology), 154, 407 vson W; Biller HF, (Radiology), 154: 407,

magnetic resonance imaging of the nasopharynx, Dillon WP; Mills CM; Kjos BO; DeGroot J; Brant-Zawadzki M, (Radiology), 152: 731, 1984

parapharyngeal space masses: an updated protocol based upon 104 cases, Som PM; Biller HF; Lawson W; Sacher M; Lanzieri CF, (Radiology), 153: 149, 1984

Nasopharynx, MR studies

magnetic resonance imaging of the nasopharynx, Dillon WP; Mills CM; Kjos BO; DeGroot J; Brant-Zawadzki M, (Radiology), 152: 731, 1984

Nasopharynx, neoplasms

chemotherapy for aggressive juvenile nasopharyngeal angiofibroma, Goepfert H; Cangir A; Lee Y-Y, (Radiology), **159**: 287,

CT appearance of hemangiopericytoma, Alpern MB; Thorsen MK; Kellman GM; et al, (JCAT), 10: 264, 1986

diagnosis of malignant lymphomas of the nasal cavity, paranasal sinuses and nasopharynx, Duncavage JA; Campbell BH; Hanson GA; et al, (Radiology), **152**: 559, 1984

direct multiplanar computed tomography in planning radiotherapy for malignant tumours of the nasopharynx, Silvestre ME; Medina E; Andrea M; et al. (Clin Radiol), 37:

extracranial tumor vascularity: determination by dynamic CT scanning. part I: concepts and signature curves, Som PM; Lanzieri CF; Sacher M; Lawson W; Biller HF, (Radiology), 154: 401, 1985

extracranial tumor vascularity: determination by dynamic CT scanning; part II: the unit approach, Som PM; Lanzieri CF; Sacher M; Lawson W; Biller HF, (Radiology), 154: 407,

high resolution computed tomography in neonatal nasopharyngeal teratoma, Howell CG; Van Tassel P; El Gammal T, (JCAT), 8: 1179, 1984

improved survival of patients with nasopharyngeal squamous cell carcinoma, Yamashita S; Kondo M; Inuyama Y; et al, (Int J Radiat Oncol Biol Phys), 12: 307, 1986

magnetic resonance imaging of the nasopharynx, Dillon WP; Mills CM; Kjos BO; DeGroot J; Brant-Zawadzki M, (Radiology), 152: 731, 1984

metastatic renal cell carcinoma manifesting as a nasal mass: CT findings, Hayes E; Weber AL; Davis KR; et al, (JCAT), 9: 387,

nasopharyngeal angiofibromas: staging and management, Chandler JR; Goulding R; Moskowitz L; et al, (Radiology), **156**: 279,

nasopharyngeal carcinoma: clinical and radiographic findings in children, Bass IS; Haller JO; Berdon WE; Barlow B; Carsen G; Khakoo Y, (Radiology), 156: 651, 1985

nasopharyngeal carcinoma: evaluation of 134 patients treated between 1971–1980, Dickson RI; Flores AD, (Radiology), **158**: 861,

parapharyngeal space masses: an updated protocol based upon 104 cases, Som PM; Biller HF; Lawson W; Sacher M; Lanzieri CF, (Radiology), 153: 149, 1984

radiation therapy of recurrent nasopharyngeal carcinoma. report on 219 patients, Yan J-H; Hu Y-H; Gu X-Z, (Radiology), **151**: 278, 1984

## Nasopharynx, stenosis

nasopharyngeal stenosis, Cotton RT, (Radiology), 158: 286, 1986

## Nasopharynx, therapeutic radiology

cylindroma of the nasopharynx: chronic disease, Yin ZY; Wu XL; Hu YH; et al, (Int J Radiat Oncol Biol Phys), 12: 25, 1986

improved survival of patients with nasopharyngeal squamous cell carcinoma, Yamashita 5; Kondo M; Inuyama Y; et al, (Int J Radiat Oncol Biol Phys), 12: 307, 1986

radiation therapy of recurrent nasopharyngeal carcinoma. report on 219 patients, Yan J-H; Hu Y-H; Gu X-Z, (Radiology), **151**: 278, 1984

cervicothoracic junction on chest radiograph, Jones MD; Edwards KC; Ong E, (Radiol Clin North Am), 22: 487, 1984

combined treatment of head and neck vascular masses with preoperative embolization, Persky MS; Bernstein A; Cohen NL, (Radiology), 153: 570, 1984

computed tomography of the carotid space and related cervical spaces. part I: anatomy, Silver AJ; Mawad ME; Hilal SK; Sane P; Ganti SR, (Radiology), **150**: 723, 1984

V-shaped predens space, Bohrer SP; Klein A; Martin W, (Radiology), 158: 570, 1986

necrotizing fasciitis as a lethal complication of peritonsillar abscess, Wenig BL; Shikowitz MJ; Abramson AL, (Radiology), 157: 572, 1985

## Neck, angiography

cervical Castleman disease: CT study with angiographic correlation, Koslin DB; Berland LL; Sekar BC, (Radiology), 160: 213,

digital angiography of pulsatile masses in the neck, Lanzieri CF; Sacher M; Som PM, (AJNR), 6: 415, 1985

digital subtraction angiography of the arteries of the head and neck, Seeger JF; Carmody RF, (Radiol Clin North Am), 23: 193, 1985

vascular trauma to the extremities and lower neck: initial assessment with intravenous digital subtraction angiography, Gavant ML; Gold RE; Fabian TC; Tonkin ILD, (Radiology), 158: 755, 1986

Neck, CT

branchial cleft anomalies and their mimics: computed tomographic evaluation, Harnsberger HR; Mancuso AA; Muraki AS; Byrd SE; Dillon WP; Jouhnson LP; Hanafee WN, (Radiology), **152**: 739, 1984

calcific tendinitis of the longus coli: diagnosis by CT, Hall FM; Docken WP; Curtis HW; et al, (AJR), 147: 742, 1986

carotid region: normal and pathologic anatomy on CT, Silver AJ; Ganti SR; Hilal SK, (Radiol Clin North Am), 22: 219,

cervical Castleman disease: CT study with angiographic correlation, Koslin DB; Berland LL; Sekar BC, (Radiology), 160: 213,

cervical tuberculous adenitis: CT manifestations, Reede DL; Bergeron RT, (Radiology), 154: 701, 1985

(Radiology), 154: 701, 1985
computed tomography of the carotid space and related cervical spaces, part I: anatomy, Silver AJ; Mawad ME; Hilal SK; Sane P; Ganti SR, (Radiology), 150: 723, 1984
computed tomography of the carotid space and related cervical spaces, part II. neurogenic tumors, Silver AJ; Mawad ME; Hilal SK; Ascherl GF Jr; Chynn KY; Baredes S, (Radiology), 150: 729, 1984
computed tomography of the pascondary of

(Nationgy, John 125, 1794) computed tomography of the nasopharynx and neck, Vibhakar SD, Eckhauser C; Bellon EM, (Radiology), 151: 553, 1984 CT appearance of cervical lipoblastoma, Black WC; Burke JW; Feldman PS; et al, (JCAT), 10: 696, 1986

CT evaluation of the normal and diseased neck, Reede DL; Bergeron RT, (Semin US CT MR), 7: 181, 1986

CT of the soft tissue structures of the neck, Reede DL; Whelan MA; Bergeron RT, (Radiol Clin North Am), 22: 239, 1984

CT of thyroglossal duct cysts, Reede DL; Bergeron RT; Som PM, (Radiology), **157**: 121, 1985

dynamic computed tomography of the head and neck: differential diagnostic value, Michael AS; Mafee MF; Valvassori GE; Tan WS, (Radiology), 154: 413, 1985

extracranial tumor vascularity: determination by dynamic CT scanning, part I: concepts and signature curves, Som PM; Lanzieri CF; Sacher M; Lawson W; Biller HF, (Radiology), 154: 401, 1985

extracranial tumor vascularity: determination by dynamic CT scanning; part II: the unit approach, Som PM; Lanzieri CF; Sacher M; Lawson W; Biller HF, (Radiology), 154: 407,

high-dose computed tomography in the evaluation of low attenuation lesions in the neck, Rauschkolb EN; Keen SJ; Patel S, (Radiology), 150: 865, 1984

infection and tumor of the masticator space: CT evaluation, Hardin CW; Harnsberger HR; Osborn AG; Doxey GP; Davis RK; Nyberg DA, (Radiology), 157: 413, 1985

metastatic cervical adenopathy from tumors of unknown origin: the role of CT, Muraki AS; Mancuso AA; Harnsberger HR, (Radiology), 152: 749, 1984

metastatic neck disease. evaluation by computed tomography, Friedman M; Shelton VK; Mafee MF; et al, (Radiology), 155: 555, 1985

neck after total laryngectomy: CT study, DiSantis DJ; Balfe DM; Hayden RE; Sagel SS; Sessions D; Lee JKT, (Radiology), **153**: 713,

neck after vertical hemilaryngectomy: computed tomographic study, DiSantis DJ; Balfe DM; Hayden RE; Sessions D; Sagel SS, (Radiology), **151**: 683, 1984

parapharyngeal space masses: an updated protocol based upon 104 cases, Som PM; Biller HF; Lawson W; Sacher M; Lanzieri CF, (Radiology), 153: 149, 1984

- parenchymal cysts of the lower neck, Som PM; Sacher M; Lanzieri CF; Solodnik P; Cohen BA; Reede DL; Bergeron RT; Biller HF, (Radiology), 157: 399, 1985
- percutaneous catheter drainage of deep neck infections guided by CT, Cole DR; Bankoff MS; Carter BL, (Radiology), 152: 224, 1984
- second branchial cleft cyst: unusual location and a new CT diagnostic sign, Salazar JE; Duke RA; Ellis JV, (AJR), 145: 965, 1985
- simplified patient positioning to reduce beam hardening in CT of the lower neck, Harvey GD; Mayer DP; Radecki PD, (AJNR), 5: 796, 1984

#### Neck, cysts

- branchial cleft anomalies and their mimics: computed tomographic evaluation, Harnsberger HR; Mancuso AA; Muraki AS; Byrd SE; Dillon WP; Jouhnson LP; Hanafee WN, (Radiology), 152: 739, 1984
- papillary carcinoma in a thyroglossal duct cyst: CT findings, Silverman PM; Degesys GE; Ferguson BJ; et al, (JCAT), 9: 806, 1985
- papillary carcinoma of the thyroid gland seen as lateral neck cyst, Wallace MP; Betsill WL, (Radiology), 154: 857, 1985
- parenchymal cysts of the lower neck, Som PM; Sacher M; Lanzieri CF; Solodnik P; Cohen BA; Reede DL; Bergeron RT; Biller HF, (Radiology), 157: 399, 1985
- second branchial cleft cyst: unusual location and a new CT diagnostic sign, Salazar JE; Duke RA; Ellis JV, (AJR), 145: 965, 1985
- sonographic study of fetal cystic hygromas, Chervenak FA; Isaacson G; Tortora M, (Radiology), **159**: 576, 1986

#### Neck, infection

- cervical tuberculous adenitis: CT manifestations, Reede DL; Bergeron RT, (Radiology), 154: 701, 1985
- computed tomography of cervical infections, Nyberg DA; Jeffrey RB Jr; Brant-Zawadzki M; et al, (JCAT), 9: 288, 1985
- infection and tumor of the masticator space: CT evaluation, Hardin CW; Harnsberger HR; Osborn AG; Doxey GP; Davis RK; Nyberg DA, (Radiology), **157**: 413, 1985

## Neck, injuries

- neck manipulation causing stroke: case reports, Fritz VU; Maloon A; Tuch P, (Radiology), 156: 567, 1985
- pediatric neck injuries. a clinical study, Hill SA; Miller CA; Kosnik EJ; et al, (Radiology), 153: 849, 1984
- penetrating vascular injuries of the face and neck: clinical and angiographic correlation, North CM; Ahmadi J; Segall HD; et al, (AJNR), 7: 855, 1986
- traumatic atlantooccipital dislocation: two cases with survival, Bools JC; Rose BS, (AJNR), 7: 901, 1986
- traumatic pneumocephalus caused by stab wound to the neck, Naseem M; Hood JD; Devasthali R, (AJNR), 7: 174, 1986
- vascular trauma to the extremities and lower neck: initial assessment with intravenous digital subtraction angiography, Gavant ML; Gold RE; Fabian TC; Tonkin ILD, (Radiology), 158: 755, 1986

## Neck, MR studies

- applications of magnetic resonance imaging to the head and neck, Dillon WP, (Semin US CT MR), 7: 202, 1986
- demonstration of tumours of the parapharyngeal space by magnetic resonance imaging, Lloyd GAS; Phelps PD, (Br J Radiol), 59: 675, 1986
- head and neck MR imaging in the pediatric patient, Dietrich RB; Lufkin RB; Kangarloo H; Hanafee WN; Wilson GH, (Radiology), 159: 769, 1986
- high-resolution MR imaging using loop-gap resonators: work in progress, Kneeland JB; Jesmanowicz A; Froncisz W; Grist TM; Hyde JS, (Radiology), 158: 247, 1986
- magnetic resonance imaging of head and neck tumors, Dillon WP, (Cardiovasc Intervent Radiol), 8: 275, 1986
- magnetic resonance imaging of the neck. part II: pathologic findings, Stark DD; Moss AA; Gamsu G; Clark OH; Gooding GAW; Webb WR, (Radiology), 150: 455, 1984

- magnetic resonance imaging of the neck. part I: normal anatomy, Stark DD; Moss AA; Gamsu G; Clark OH; Gooding GAW; Webb WR, (Radiology), 150: 447, 1984
- MR imaging of cavernous hemangioma of the face and neck, Itoh K; Nishimura K; Togashi K; et al, (JCAT), 10: 831, 1986
- neck neoplasms: MR imaging, part I. initial evaluation, Glazer HS; Niemeyer JH; Balfe DM; Devineni VR; Emami B; Hayden RE; Aronberg DJ; Levitt RG; Ward MP; Sagel SS; Lee JKT, (Radiology), 160: 343, 1986
- neck neoplasms: MR imaging. part II.
  posttreatment evaluation, Glazer HS;
  Niemeyer JH; Balfe DM; Hayden RE;
  Emami B; Devineni VR; Levitt RG;
  Aronberg DJ; Ward MP; Lee JKT; Sagel SS,
  (Radiology), 160: 349, 1986

#### Neck, neoplasms

- adenoid cystic carcinoma of the head and neck: clinical study of 37 cases, Dal Maso M; Lippi L, (Radiology), 157: 856, 1985
- CF-252 neutron brachytherapy of short duration for bulky neck tumors, Maruyama Y; Beach JL, (Int J Radiat Oncol Biol Phys), 12: 761, 1986
- comparison of clinical and computed tomographic staging of head and neck tumors, Gatenby RA; Mulhern CB Jr; Strawitz J; et al, (AJNR), 6: 399, 1985
- computed tomography of cervical lymph nodes: staging and management of head and neck cancer, Stevens MH; Harnsberger HR; Mancuso AA; et al, (Radiology), 161: 287,
- computed tomography of the carotid space and related cervical spaces. part II. neurogenic tumors, Silver AJ: Mawad ME; Hilal SK; Ascherl GF Jr; Chynn KY; Baredes S, (Radiology), 150: 729, 1984
- CT appearance of cervical lipoblastoma, Black WC; Burke JW; Feldman PS; et al, (JCAT), **10**: 696, 1986
- CT-guided biopsy for the detection and staging of tumors of the head and neck, Gatenby RA; Mulhern CB Jr; Richter MP; et al, (AJNR), 5: 287, 1984
- demonstration of tumours of the parapharyngeal space by magnetic resonance imaging, Lloyd GAS; Phelps PD, (Br J Radiol), 59: 675, 1986
- desmoid tumor of the neck: CT and angiographic findings, Yang WC; Shah V; Nussbaum M; et al, (AJNR), 5: 478, 1984
- digital angiography of pulsatile masses in the neck, Lanzieri CF; Sacher M; Som PM, (AJNR), 6: 415, 1985
- elective neck irradiation for squamous cell carcinoma of the head and neck: analysis of time-dose factors and causes of failure, Mendenhall WM; Million RR, (Int J Radiat Oncol Biol Phys), 12: 741, 1986
- extracranial meningiomas of the head and neck, Geoffray A; Lee Y-Y; Jing B-S; et al, (AJNR), 5: 599, 1984
- extracranial tumor vascularity: determination by dynamic CT scanning, part I: concepts and signature curves, Som PM; Lanzieri CF; Sacher M; Lawson W; Biller HF, (Radiology), 154: 401, 1985
- extracranial tumor vascularity: determination by dynamic CT scanning: part II: the unit approach, Som PM; Lanzieri CF; Sacher M; Lawson W; Biller HF, (Radiology), 154: 407, 1985
- extranodal lymphoma of the head and neck: review of 49 consecutive cases, McGurk M; Goepel JR; Hancock BW, (Radiology), 158: 861, 1986
- head and neck MR imaging in the pediatric patient, Dietrich RB; Lufkin RB; Kangarloo H; Hanafee WN; Wilson GH, (Radiology), 159: 769, 1986
- high-dose computed tomography in the evaluation of low attenuation lesions in the neck, Rauschkolb EN; Keen SJ; Patel S, (Radiology), 150: 865, 1984
- infection and tumor of the masticator space: CT evaluation, Hardin CW; Harnsberger HR; Osborn AG; Doxey GP; Davis RK; Nyberg DA, (Radiology), 157: 413, 1985
- inverted papilloma: considerations in treatment, Woodson GE; Robbins KT; Michaels L, (Radiology), **161:** 863, 1986

- lymph node metastases in the neck from an unknown primary. report on 113 patients, Yang Z-Y; Hu Y-H; Yan J-H; et al, (Radiology), 151: 278, 1984
- magnetic resonance imaging of head and neck tumors, Dillon WP, (Cardiovasc Intervent Radiol), 8: 275, 1986
- major motor atrophic patterns in the face and neck: CT evaluation, Harnsberger HR; Dillon WP, (Radiology), **155**: 665, 1985
- malignant teratoma of the parapharyngeal space in an adult: rare lesion presenting as cervical cord compression, Sacher M; Som PM; Lanzieri CF; et al. (CT), 10: 37, 1986
- metastatic cervical adenopathy from tumors of unknown origin: the role of CT, Muraki AS; Mancuso AA; Harnsberger HR, (Radiology), 152: 749, 1984
- metastatic neck disease. evaluation by computed tomography, Friedman M; Shelton VK; Mafee MF; et al, (Radiology), 155: 555, 1985
- neck neoplasms: MR imaging, part I. initial evaluation, Glazer HS; Niemeyer JH; Balfe DM; Devineni VR; Emami B; Hayden RE; Aronberg DJ; Levitt RG; Ward MP; Sagel SS; Lee JKT, (Radiology), 160: 343, 1986
- neck neoplasms: MR imaging. part II.
  posttreatment evaluation, Glazer HS;
  Niemeyer JH; Balfe DM; Hayden RE;
  Emami B; Devineni VR; Levitt RG;
  Aronberg DJ; Ward MP; Lee JKT; Sagel SS,
  (Radiology), 160: 349, 1986
- papillary carcinoma in a thyroglossal duct cyst: CT findings, Silverman PM; Degesys GE; Ferguson BJ; et al. (JCAT), 9: 806, 1985
- parenchymal cysts of the lower neck, Som PM; Sacher M; Lanzieri CF; Solodnik P; Cohen BA; Reede DL; Bergeron RT; Biller HF, (Radiology), 157: 399, 1985
- radiation recall supraglottitis. a hazard in head and neck chemotherapy, Wallenborn PA; Postma DS, (Radiology), 155: 558, 1985
- Radiologic-Pathologic Correlation Conference: SUNY Upstate Medical Center. left neck mass, Som PM; Sherry RG; Gacek RR; et al, (AJR), 145: 399, 1985
- second malignant neoplasms in patients successfully treated with multimodality treatment for advanced head and neck cancer, Vikram B; Strong EW; Shah JP; et al, (Radiology), 153: 283, 1984
- sequential chemo-radiotherapy in locally advanced squamous cell carcinoma of the head and neck, Wendt TG; Chucholowski M; Hartenstein R; et al, (Int J Radiat Oncol Biol Phys), 12: 397, 1986
- sonography of neck masses in children, Kraus R; Han BK; Babcock DS; et al, (AJR), 146: 609, 1986
- squamous cell carcinoma of the head and neck treated with radiation therapy: role of neck dissection for clinically positive neck nodes, Mendenhall WM; Million RR; Cassisi NJ, (Int J Radiat Oncol Biol Phys), 12: 733, 1986
- treatment of advanced head and neck cancer with accelerated fractionation, Gray AJ, (Int J Radiat Oncol Biol Phys), 12: 9, 1986
- tumors of the parapharyngeal space, Shoss SM; Donovan DT; Alford BR, (Radiology), **161**: 286, 1986
- ultrasound evaluation of neck masses in children, Sherman NH; Rosenberg HK; Heyman S; et al, (J Ultrasound Med), 4: 127, 1985
- ultrasound evaluation of neck masses in children, Sherman NH; Rosenburg HK; Heyman S; et al, (Radiology), **157**: 282, 1985

## Neck, radiography

- pseudomembranous croup, Henry RL; Mellis CM; Benjamin B, (Radiology), 151: 262, 1984
- simple view for demonstration of fractures of the anterior arch of C1, England AC III; Shippel AH; Ray MJ, (AJR), 144: 763, 1985
- uvulitis in children, Kotloff KR; Wald ER, (Radiology), 151: 262, 1984

## Neck, therapeutic radiology

CF-252 neutron brachytherapy of short duration for bulky neck tumors, Maruyama Y; Beach JL, (Int J Radiat Oncol Biol Phys), 12: 761, 1986

- daily reproducibility of large, complex-shaped radiotherapy fields to the thorax and neck, Griffiths SE; Pearcey RG, (Clin Radiol), 37: 39, 1986
- early results of the EORTC randomized arly results of the EURIL randomized clinical trial on multiple fractions per day (MFD) and misonidazole in advanced head and neck cancer, van den Bogaert W; van der Schueren E; Horiot J-C; et al, (Int J Radiat Oncol Biol Phys), 12: 587, 1986
- elective neck irradiation for squamous cell carcinoma of the head and neck: analysis of time-dose factors and causes of failure, Mendenhall WM; Million RR, (Int J Radiat Oncol Biol Phys), 12: 741, 1986
- hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck, Samaan NA; Vieto R; Schultz PN; et al. (Radiology), 150: 294, 1984
- lymph node metastases in the neck from an unknown primary, report on 113 patients, Yang Z-Y; Hu Y-H; Yan J-H; et al, (Radiology), 151: 278, 1984
- oedema of the neck after ablation of the egema of the neck after ablation of the thyroid with radioactive iodine, Goolden AWG; Kam KC; Fitzpatrick ML; et al, (Br J Radiol), **59**: 583, 1986
- patient immobilization during CT for treatment planning of head and neck cancer, Sewchand W; Aygun C; Nicholson G; Salazar OM, (Radiology), 158: 251, 1986
- patterns of cancer recurrence in the postoperatively irradiated neck, Mantravadi RVP; Skolnik EM; Haas RE; et al, (Radiology), **152**: 871, 1984
- prognostic factors for loco/regional control and metastasis and the impact on survival, Kramer S; Marcial VA; Pajak TF; et al., (Int J Radiat Oncol Biol Phys), 12: 573, 1986
- randomized study of adjuvant chemotherapy for cancer of the upper aerodigestive tract, Kun LE; Toohill RJ; Holoye PY; et al, (Int J Radiat Oncol Biol Phys), 12: 173, 1986
- regression of tumors of the head and neck treated with neutrons, Bessell EM; Catterall M, (Radiology), **154**: 285, 1985
- re-irradiation of advanced tumors of the head and neck with fast neutrons, Errington RD; Catterall M, (Int J Radiat Oncol Biol Phys), 12: 191 1986
- second malignant neoplasms in patients successfully treated with multimodality treatment for advanced head and neck cancer, Vikram B; Strong EW; Shah JP; et al, (Radiology), 153: 283, 1984
- squamous cell carcinoma of the head and neck pamous cen carrioma of the nead and neck treated with radiation therapy: role of neck dissection for clinically positive neck nodes, Mendenhall WM; Million RR; Cassisi NJ, (Int ] Radiat Oncol Biol Phys), 12: 733, 1986

## Neck, US studies

- high-resolution sonography of the recurrent laryngeal nerve: anatomic and pathologic considerations, Solbiati L; De Pra L; lerace T; et al, (AJR), 145: 989, 1985
- sonographic demonstration of buckling of the great vessels of the neck, Subramanyam BR; Horii SC, (AJR), **142**: 1111, 1984
- sonography of neck masses in children, Kraus R; Han BK; Babcock DS; et al, (AJR), 146: 609, 1986
- ultrasound evaluation of neck masses in children, Sherman NH; Rosenberg HK; Heyman S; et al, (J Ultrasound Med), 4: 127, 1985

## Neoplasms

- See also Radiations, injurious effects, neoplastic; Radiobiology; Therapeutic radiology; under names of organs and regions; under names of individual neoplasms
- cancer statistics, Mould RF, Reviewed by Griffiths HJ, (Radiology), 152: 530, 1984
- malignant fibrous histiocytoma: mesenchymal tumor of ubiquitous origin, Ros PR; Viamonte M Jr; Rywlin AM, (AJR), **142:** 753,
- nuclear oncology 1984, Larson SM; Carrasquillo JA, (Semin Nucl Med), 14: 268, 1984
- positron emission tomography in the study of human tumors, Beaney RP, (Semin Nucl Med), 14: 324, 1984
- reliability of record linkage in the Swedish Cancer-Environment Register, Wiklund K; Eklund G, (Acta Radiol [Oncol]), 25: 11, 1986

- Neoplasms, blood supply autonomy extends to the arterial supply of rapidly growing tumors: studies on the feeder vessel to carcinoma in rat testis, Paskins-Hurlburt AJ; McCracken S; Hollenberg NK, (Invest Radiol), 21: 455,
  - blood flow to experimental renal tumors, Goldman SM; Scheffel UA; Hilton J; et al, (Invest Radiol), 21: 459, 1986
  - (Invest Radiol), 21: 439, 1986 oxygen tension in human tumors: in vivo mapping using CT-guided probes, Gatenby RA: Coia LR: Richter MP; Katz H; Moldofsky PJ; Engstrom P; Brown DQ; Brookland R; Broder GJ, (Radiology), 156:
- 211, 1985
  radiation-induced changes in regional blood flow in human tumors, Mantyla MJ;
  Toivanen JT; Pitkanen MA; et al, (Radiology), 150: 303, 1984
  vascular endothelium as the vulnerable element in tumours, Denekamp J, (Radiology), 156: 287, 1985
  Neoplasms, CT
- - calcified lymph node metastases in
- calcined Jympn node metastases in bronchioloalveolar carcinoma, Mallens WMC; Nijhuis-Heddes JMA; Bakker W, (Radiology), 161: 103, 1986 colorectal carcinoma evaluation with CT: preoperative staging and detection of postoperative recurrence, Freeny PC; Marks WM; Ryan JA; Bolen JW, (Radiology), 156: 347, 1986 158: 347, 1986
- computed tomography of monkey brain tumors, Satoh T; Nakasone S; Matsumoto K; et al, (JCAT), 10: 827, 1986
- how accurate are computed tomographic scans in assessment of changes in tumor size?, Friedman MA; Resser KJ; Marcus FS; et al, (Radiology), 151: 555, 1984
- leiomyosarcoma: computed tomographic findings, McLeod AJ; Zornoza J; Shirkhoda A, (Radiology), 152: 133, 1984
- Supratentical ependymoma: CT appearance, Armington WG; Osborn AG; Cubberley DA; Harnsberger HR; Boyer R; Naidich TP; Sherry RG, (Radiology), 157: 367, 1985
- Neoplasms, diagnosis
- cancer diagnosis: new concepts and techniques, Steckel RJ; Kagan AR, eds, Reviewed by Cassady JR, (Radiology), 151:
- positron emission tomography in oncology—Massachusetts General Hospital experience, Brownell GL; Kairento A-L; Swartz M; et al., (Semin Nucl Med), 15: 201,
- use of a monoclonal antibody (B72.3) as a novel immunohistochemical adjunct for the diagnosis of carcinomas in fine needle aspiration biopsy specimens, Johnston WW; Szpak CA; Lottich SC; et al, (Radiology), 161: 864, 1986

## oplasms, embolization

- diffuse hepatic hemangiomas: percutaneous transcatheter embolization with detachable silicone balloons, Burrows PE; Rosenberg HC; Chuang HS, (Radiology), 156: 85, 1985
- preoperative embolization of intracranial meningiomas, Manelfe C; Lasjaunias P; Ruscalleda J, (AJNR), 7: 963, 1986 value of transvascular embolization in the treatment of renal carcinoma, Christensen K; Dyreborg U; Anderson JF; et al., (Radiology), 156: 564, 1985

## Neoplasms, experimental

- adriamycin resistance, heat resistance and radiation response in Chinese hamster fibroblasts, Wallner K; Li GC, (Int J Radiat Oncol Biol Phys), 12: 829, 1986
- autonomy extends to the arterial supply of rapidly growing tumors: studies on the feeder vessel to carcinoma in rat testis, Paskins-Hurlburt AJ; McCracken S; Hollenberg NK, (Invest Radiol), 21: 455,
- binding of <sup>3</sup>H-misonidazole to solid human tumors as a measure of tumor hypoxia, Urtasun RC; Chapman JD; Raleigh JA; et al, (Int J Radiat Oncol Biol Phys), **12**: 1263, 1986
- (Int J Radiat Oncol Biol Phys), 12: 1263, 1986 blood flow to experimental renal tumors, Goldman SM; Scheffel UA; Hilton J; et al, (Invest Radiol), 21: 459, 1986 cellular growth and metabolic adaptations to nutrient stress environments in tumor microregions, Sutherland R; Freyer J; Mueller-Klieser W; et al, (Int J Radiat Oncol Biol Phys), 12: 611, 1986

- changes in energy metabolism following roentgen irradiation of in vivo growing Ehrlich ascites tumour cells studied by <sup>3</sup>IP magnetic resonance spectroscopy, Skog S; Nordell B; Fricsson A; et al, (Acta Radiol) [Oncol]), 25: 63, 1986
- comparison of the heat and radiation sensitivity of rodent and human derived cells cultured in vitro, Roizin-Towle L; Pirro JF, McDowell J. (Int J Radiat Oncol Biol Phys), 12: 647, 1986
- computed tomography of monkey brain tumors, Satoh T; Nakasone S; Matsumoto K; et al, (JCAT), 10: 827, 1986
- ovalent binding of a fluorinated 2-nitroimidazole to EMT-6 tumors in BALB/C mice: detection by F-19 nuclear magnetic resonance at 2.35 T, Raleigh JA; Franko AJ; Treiber EO; et al. (Int J Radiat Oncol Biol Phys), 12: 1243, 1986
- differential uptake of gallium-67-labeled liposomes between tumors and inflammatory lesions in rats, Ogihara I; Kojima S; Jay M, (J Nucl Med), 27: 1300, 1986
- distribution of radiation sensitivities for human tumor cells of specific histological types: comparison of *in viiro* to *in vivo* data, Malaise EP; Fertil B; Chavaudra N; et al, (Int J Radiat Oncol Biol Phys), 12: 617, 1986
- effect of L-buthionine sulfoximine on the aerobic radiation response of A549 human lung carcinoma cells, Biaglow JE; Varnes ME; Tuttle SW; et al, (Int J Radiat Oncol Biol Phys), 12: 1139, 1986
- effect of the radiosensitizer misonidazole and the radioprotector diethyldithiocarbamate on spontaneous metastasis formation of murine tumors, Milas L; Hunter N; Basic I; et al. (Int J Radiat Oncol Biol Phys), 12: 1071, 1986
- effects of irradiation by single or multiple fractions per day on a transplantable murine mammary carcinoma, Gonzalez DG; Haveman J, (Radiology), 151: 281, 1984
- effects of purine nucleoside analogs on the response of the RIF-1 tumor to melphalan in vivo, Horsman MR; Brown DM; Hirst DG; et al, (Int J Radiat Oncol Biol Phys), 12: 801, 1986
- enhancement in the aerobic toxicity of misonidazole and SR-2508 by buthionine sulfoximine and 4-hydroxypyrazole: role of hydrogen peroxide, Tuttle SW, Biaglow JE; Varnes ME; et al, (Int J Radiat Oncol Biol Phys), 12: 1161, 1986
- ferritin concentration and 131I-antiferritin tumor localization in an experimental hepatoma, Klein JL, Kopher KA; Rostock RA, (Int J Radiat Oncol Biol Phys), 12: 137, 1986
- flow cytometry as a tool for the prognostic assessment of human neoplasia, Mauro F; Teodori L; Schumann J; et al, (Int J Radiat Oncol Biol Phys), 12: 625, 1986
- glutathione levels and cytotoxicity of a thiol activated alkylating agent in human and mouse cells, Geard CR; Georgsson MA, (Int J Radiat Oncol Biol Phys), 12: 1179, 1986
- hepatocellular carcinoma and metastatic cancer detected by iodized oil, Nakakuma K; Tashiro S; Hiraoka T; Ogata K; Ootsuka K, (Radiology), 154: 15, 1985
- <sup>1</sup>H-NMR relaxation times and water compartmentalization in experimental tumor models, Braunschweiger PG; Schiffer LM; Furmanski P, (Magn Res Imag), 4: 335, 1986
- in vitro binding of <sup>14</sup>C-misonidazole to hepatocytes and hepatoma cells, Van Os-Corby DJ, Chapman JD, (Int J Radiat Oncol Biol Phys), 12: 1251, 1986
- miniature thermoluminescent dosimeter absorbed dose measurements in tumor phantom models, Wessels BW; Griffith MH, (J Nucl Med), 27: 1308, 1986
- nuclear magnetic resonance imaging characterization of a rat mammary tumor, Osbakken MD; Kreider JW; Taczanowsky P, (Magn Res Med), 3: 1, 1986
- oxygen and nitroreductase-dependent binding of AF-2 in spheroids and murine tumors, Olive PL; Chaplin DJ, (Int J Radiat Oncol Biol Phys), 12: 1247, 1986
- propranolol hydrochloride enhancement of tumor perfusion and uptake of gallium-67 in a mouse sarcoma, Bomber P; McCready R; Hammersley P, (J Nucl Med), 27: 243, 1986

- protection of mouse jejunal crypt cells by WR-2721 after small doses of radiation, Travis EL; Thames HD Jr; Tucker SL; et al, (Int J Radiat Oncol Biol Phys), 12: 807, 1986
- radiation biology of malignant melanoma, Rofstad EK, (Acta Radiol [Oncol]), 25: 1, 1986
- radioresistant and repair proficient cells may determine radiocurability inhuman tumors Weichselbaum RR, (Int J Radiat Oncol Biol Phys), 12: 637, 1986
- radiosensitivity of microcolony- and macrocolony-forming cells in mouse tail epidermis, Chen F-d; Hendry JH, (Br J Radiol), 59: 389, 1986
- radiosensitization *in vitro* and *in vivo* by 3nitrotriazoles, Shibamoto Y; Sakano K; Kimura R; et al., (Int J Radiat Oncol Biol Phys), **12**: 1063, 1986
- radiosensitizing and toxic effects of RSU-1069 on hypoxic cells in a murine tumor, Chaplin DJ; Durand RE; Stratford IJ; et al, (Int J Radiat Oncol Biol Phys), 12: 1091, 1986
- relationship of SR-2508 sensitizer enhancement ratio to cellular glutathione levels in human tumor cell lines, Mitchell JB; Phillips TL; DeGraff W; et al, (Int J Radiat Oncol Biol Phys), 12: 1143, 1986
- sequential computed tomographic imaging of a transplantable rabbit brain tumor, Kumar AJ; Hassenbusch S; Rosenbaum AE; et al, (Neuroradiol), 28: 81, 1986
- technique for simultaneous microangiographic and cytochemical investigation of resin-embedded tissues, van Dale P; Osteaux M; Penasse W; et al, (Invest Radiol), 21: 714, 1986
- tumor cure studies on the rat sarcoma BA1112 using continuous low-dose-rate radiation, Peschel RE; Martin DF; Fischer JJ, (Radiology), 152: 801, 1984
- tumor size dependent changes in a murine fibrosarcoma: use of *in vivo* <sup>31</sup>P NMR for non-invasive evaluation of tumor metabolic status, Okunieff PG; Koutcher JA; Gerweck L; et al. (Int J Radiat Oncol Biol Phys), 12: 793, 1986
- tumor size: effect on monoclonal antibody uptake in tumor models, Hagan PL; Halpern SE; Dillman RO; et al, (J Nucl Med), 27: 422, 1986
- tumour uptake of radiolabelled pyrimidine bases and pyrimidine nucleosides in animal models IX. radiolabelled 1-{2'-fluoro-2'-deoxy-β-D-ribofuranosyl)uracil and 1-{2'-chloro-2'-deoxy-β-D-ribofuranosyl)uracil, Abrams DN; Lee YW; Mercer JR; et al, (Br J Radiol), 59: 263, 1986

## Neoplasms, in infants and children

- adenocarcinoma of small bowel in a 12-yearold girl, Tankel JW; Galasko CSB, (Radiology), 155: 277, 1985
- asymptomatic scrotal masses in children, Barth RA; Teele RL; Colodny A; Retik A; Bauer S, (Radiology), **152**: 65, 1984
- carcinoma of the stomach in a 7-year-old-boy, Goto S; Ikeda K; Ishii E; et al, (Radiology), 155: 855, 1985
- central nervous system tumors in children: detection by magnetic resonance imaging, Kucharczyk W; Brant-Zawadzki M; Sobel DF; Edwards MB; Kelly WM; Norman D; Newton TH, (Radiology), 155: 131. 1985
- childhood multifocal osteosarcoma: clinicopathologic and radiologic correlates, Parham DM; Pratt CB; Parvey LS; et al, (Radiology), 157: 853, 1985
- clear cell sarcoma of the kidney: renal tumor of childhood that metastasizes to bone, Kagan AR; Steckel RJ, (AJR), 146: 64, 1986
- computed tomography in stage III neuroblastoma, Boechat MI; Ortega J; Hoffman AD; et al, (AJR), 145: 1283, 1985
- computed tomography in the diagnosis of intracranial neoplasms in children, Segall HD; Batnitzky S; Zee C-S; et al, (Radiology), 159: 288, 1986
- computed tomography of infantile hepatic hemangioendothelioma, Lucaya J; Enriquez G; Amat L; et al, (AJR), 144: 821, 1985

- CT of benign cystic abdominal masses in children, Haney PJ; Whitley NO, (AJR), **142**: 1279, 1984
- CT scanning in patients with opsomyoclonus: importance of nonenhanced scan, Donaldson JS; Gilsanz V; Miller JH, (AJR), 146: 781, 1986
- cystic neuroblastoma in infants: radiographic and pathologic features, Atkinson GO Jr; Zaatari GS; Lorenzo RL; et al, (AJR), 146: 113. 1986
- diffuse hepatic hemangiomas: percutaneous transcatheter embolization with detachable silicone balloons, Burrows PE; Rosenberg HC; Chuang HS, (Radiology), 156: 85, 1985
- extraosseous localization of technetium-99m MDP in benign cystic teratoma, Fuller C; Leonard JC, (Clin Nucl Med), 11: 574, 1986
- hepatic imaging in Stage IV-S neuroblastoma, Franken EA Jr; Smith WL; Cohen MD; et al, (Pediatr Radiol), 16: 107, 1986
- imaging of neuroblastoma: overview, Bousvaros A; Kirks DR; Grossman H, (Pediatr Radiol), **16**: 89, 1986
- integrated imaging of hepatic tumors in childhood, Neuenschwander S; Couanet D; Montagne JP, (Radiology), **158**: 278, 1986
- integrated imaging of hepatic tumors in childhood: reply, Miller JH; Greenspan BS, (Radiology), **158**: 278, 1986
- intracranial mass in a neonate, Yang PJ; Graham AR; Carmody RF; et al, (Invest Radiol), 21: 360, 1986
- intraoperative ultrasound guidance for needle biopsy of a contralateral intrarenal "tumorlet" in a child with Wilms' tumor, Rosenberg HK, Templeton J; Chatten J; et al, (J Ultrasound Med), 4: 311, 1985
- large unilateral chest tumors in children, Cumming WA; Sabbah R, (Radiology), **159**: 576, 1986
- low grade astrocytoma in children treated by surgery and radiation therapy, Dewit L; Van Der Schueren E; Ang KK; et al, (Radiology), 155: 553, 1985
- magnetic resonance imaging in childhood intracranial masses, Barnes PD; Lester PD; Yamanashi WS; et al, (Magn Res Imag), 4: 41, 1986
- metastatic chondroblastoma: report of a fatal case with a review of the literature on atypical, aggressive, and malignant chondroblastoma, Kyriakos M; Land VJ; Penning HL; et al, (Radiology), 157: 570, 1985
- nasopharyngeal carcinoma: clinical and radiographic findings in children, Bass IS; Haller JO; Berdon WE; Barlow B; Carsen G; Khakoo Y, (Radiology), **156**: 651, 1985
- neonatal neuroblastoma presenting with respiratory distress, Illescas FF; Williams RL, (Radiology), 156: 273, 1985
- pediatric radiation oncology, Halperin EC, (Invest Radiol), 21: 429, 1986
- pediatrics: ultrasonography in the evaluation of 482 children with an abdominal mass, Teele RL; Henschke CI, (Clin Diagn Ultrasound), 14: 141, 1984
- percutaneous aspiration, drainage, and biopsies in children, Towbin RB; Strife JL, (Radiology), 157: 81, 1985
- prenatal x-ray exposure and childhood cancer in twins, Harvey EB; Boice JD Jr; Honeyman M; et al, (Radiology), 156: 860, 1985
- primary and secondary tumors of childhood involving the heart, pericardium, and great vessels. report of 75 cases and review of the literature, Chan HSL; Sonley MJ; Moes CAF; et al. (Radiology), 158: 574, 1986
- primary lesions of bone in the 1st decade of life: retrospective survey of biopsy results, Senac MO Jr. Isaacs H; Gwinn JL, (Radiology), 160: 491, 1986
- pulmonary manifestations of juvenile laryngotracheal papillomatosis, Kramer SS; Wehunt WD; Stocker JT; et al, (AJR), 144:
- radiologic characteristics of primitive neuroectodermal tumors in children, Altman N; Fitz CR; Chuang S; et al, (AJNR), 6: 15. 1985
- radiologic guidelines in assessing children with intracranial tumors, Batnitzky S; Segall HD; Cohen ME, (Radiology), 159: 288, 1986

- rapidly expanding mass in a neonate, Kremer SM; Rosenberg HK; Sherman NH; et al, (JCU), 14: 569, 1986
- review of the unusual appearance or atypical location of osteogenic sarcoma in childhood, Heller RM; Dominguez R; Ertel IJ; Winfield AC; Kirchner SG, (Radiographics), 4: 507, 1984
- synovial sarcoma in childhood, Israels SJ; Chan HSL; Daneman A; et al, (AJR), 142: 803, 1984
- synovial sarcoma in childhood, Waag KL; Gerein V; Kornhuber B; et al, (Radiology), 155: 552, 1985
- thalamic tumors in children: long-term followup and treatment guides, Bernstein M; Hoffman HJ; Halliday WC; et al, (Radiology), 155: 853, 1985
- thirty years of experience with pediatric primary malignant liver tumors, Giacomantonio A; Ein SH; Mancer K; et al, (Radiology), 155: 855, 1985
- transient focal liver scan defects in children receiving chemotherapy, work in progress, Abramson SJ; Barash FS; Seldin DW; Berdon WE, (Radiology), 150: 701, 1984
- treatment and prognosis of mucoepidermoid carcinoma in the pediatric age group, Conley J; Tinsley PP Jr, (Radiology), 159: 288, 1986
- ultrasound evaluation of neck masses in children, Sherman NH; Rosenberg HK; Heyman S; et al., (J Ultrasound Med), 4: 127, 1985
- uroradiographic manifestations of Burkitt's lymphoma in children, Fernbach SK; Glass RBJ, (Radiology), **161**: 576, 1986
- value of skull radiography in children with intracranial tumors, Wells SK, (Radiology), 157: 569, 1985
- visualization of major blood vessels by magnetic resonance in children with malignant tumors, Cohen MD; Smith JA; Cory DA; Carr BE; Grosfeld JL; Klatte EC, (Radiographics), 5: 441, 1985

## Neoplasms, metastases

- calcified lymph node metastases in bronchioloalveolar carcinoma, Mallens WMC; Nijhuis-Heddes JMA; Bakker W, (Radiology), 161: 103, 1986
- changing metastatic patterns of osteosarcoma, Giuliano AE; Feig S; Eilber FR, (Radiology), 156: 268, 1985
- detection of hepatic metastases: analysis of pulse sequence performance in MR imaging, Stark DD; Wittenberg J; Edelman RR; Middleton MS; Saini S; Butch RJ; Brady TJ; Ferrucci JT Jr, (Radiology), 159: 365, 1986
- influence of irradiation of a primary tumor on the labeling index and estrogen receptor index in a distant tumor focus, Fisher B; Saffer EA; Deutsch M, (Int J Radiat Oncol Biol Phys), 12: 879, 1986
- late ovarian metastases in carcinoma of the colon and rectum, Morrow M; Enker WE, (Radiology), 156: 267, 1985
- metastases to the larynx, Batsakis JG; Luna MA; Byers RM, (Radiology), 159: 823, 1986
- metastatic neck disease. evaluation by computed tomography, Friedman M; Shelton VK; Mafee MF; et al, (Radiology), 155: 555, 1985
- needle biopsy and metastasis. investigation in rats, Muhlberger G; Gottschalk A; Gericke D, (Radiology), **150**: 288, 1984
- once-a-week lower hemibody irradiation (HBI) for metastatic cancers, Nag S; Shah V, (Int J Radiat Oncol Biol Phys), 12: 1003, 1986
- ovarian metastases: computed tomographic appearances, Megibow AJ; Hulnick DH; Bosniak MA; Balthazar EJ, (Radiology), 156: 161, 1985
- Pancreatic metastases in bone sarcomas: CT demonstration, Rubin E; Dunham WK; Stanley RJ, (JCAT), 9: 886, 1985
- resorbing bone stimulates tumor cell growth: role for the host microenvironment in bone metastasis, Manishen WJ; Sivananthan K; Orr FW. (Radiology), 161: 575, 1986
- splenectomy for splenic metastasis from carcinoma of colon, Slavin JD Jr; Mathews J; Spencer RP, (Clin Nucl Med), 11: 491, 1986

unusual thoracoabdominal sites of metastases in testicular tumors, Husband JE; Bellamy EA, (AJR), 145: 1165, 1985

venous renal tumor extension: prospective US evaluation, Schwerk WB; Schwerk WN; Rodeck G, (Radiology), **156**: 491, 1985

## Neoplasms, MR studies

- cerebral abnormalities: use of calculated T1 and T2 magnetic resonance images for and magnetic resonance images for diagnosis, Mills CM; Crooks LE; Kaufman L; Brant-Zawadzki M, (Radiology), 150: 87, 1984
- in vivo MR spectroscopy of human subjects with a 1.4-T whole-body MR imager, Ng TC; Majors AW; Meany TF, (Radiology), 158:
- MR image contrast and relaxation times of solid tumors in the chest, abdomen, and pelvis, Schmidt HC; Tscholakoff D; Hricak H; et al, (JCAT), 9: 738, 1985
- nuclear magnetic resonance in oncology, Turner DA, (Semin Nucl Med), 15: 210, 1985
- perceived clinical value of NMR erceived clinical value of NAIA measurements on biopsy specimens. part I. interval estimates of diagnostic error rates and a note on an effect of the law of small numbers, Herbert DE, (Magn Res Imag), 4: 215, 1986
- potential of NMR and PET for determining tumor metabolism, Miraldi F, (Int J Radiat Oncol Biol Phys), 12: 1033, 1986
- radiation fibrosis: differentiation from diation fibrosis: airrerentation from recurrent tumor by MR imaging: work in progress, Glazer HS; Lee JKT; Levitt RG; Heiken JP; Ling D; Totty WG; Balfe DM; Emani B; Wasserman TH; Murphy WA, (Radiology), **156**: 721, 1985
- soft-tissue tumors: MR imaging, Totty WG; Murphy WA; Lee JKT, (Radiology), 160: 135,

## Neoplasms, radionuclide studies

- diagnosis and treatment of a carcinoid tumor using iodine-131 meta-iodobenzylguanidine, Hoefnagel CA; Den Hartog Jager FCA; Van Gennip AH; et al, (Clin Nucl Med), 11: 150, 1986
- differences in experimental tumor localization of dual-labeled monoclonal antibody, Khaw BA, Cooney J; Edgington T; et al, (J Nucl Med), 27: 1293, 1986
- effects of inadvertent administration of antineoplastic agents prior to Ga-67 injection: concise communication, Bekerman C; Pavel DG; Bitran JD; et al, (Radiology), 154: 285, 1985
- I-131 total-body scan: localization of disseminated gastric adenocarcinoma. case report and survey of the literature, Wu 5-Y; Kollin J; Coodley E; et al, (Radiology), 158:
- mechanism of gallium-67 accumulation in tumors, Tsan M-F; Scheffel U, (J Nucl Med), 27: 1215, 1986
- role of gallium-67 in the clinical evaluation of cancer, Bekerman C; Hoffer PB; Bitran JD, (Semin Nucl Med), **14**: 296, 1984
- scanning with iodine-131 MIBG in children with solid tumors: initial appraisal, Hadley GP; Rabe E, (J Nucl Med), 27: 620,
- scintigraphic localisation of a recurrent phaeochromocytoma by means of iodine-131 metaiodobenzylguanidine, Kalff V; Kelly MJ; McGrath B, (Radiology), 156: 284,
- tumor size: effect on monoclonal antibody uptake in tumor models, Hagan PL; Halpern SE; Dillman RO; et al, (J Nucl Med), 27: 422, 1986
- uptake of <sup>111</sup>In-labeled leukocytes by tumor, Fortner A; Datz FL; Taylor A Jr; et al, (AJR), **146**: 621, 1986
- 146: 621, 1986
  use of I-131 labeled, murine Fab against a high
  molecular weight antigen of human
  melanoma: preliminary experience,
  Larson SM; Carrasquillo JA; McGuffin RW;
  Krohn KA; Ferens JM; Hill LD;
  Beaumier PL; Reynolds JC; Hellstrom KE;
  Hellstrom I, (Radiology), 155: 487, 1985

## Neoplasms, rupture

transcatheter arterial embolization of ruptured hepatocellular carcinoma associated with liver cirrhosis, Nouchi T; Nishimura M; Maeda M; et al, (Radiology), **156**: 272, 1985

Neoplasms, staging

accuracy of radiological staging procedures in non-seminomatous testis cancer compared non-seminomatous testis cancer compared with findings from surgical exploration and histopathological studies of extirpated tissue, Samuelsson L; Forsberg L; Olsson AM, (Br J Radiol), 59: 131, 1986

colorectal carcinoma evaluation with CT: preoperative staging and detection of postoperative recurrence, Freeny PC; Marks WM; Ryan JA; Bolen JW, (Radiology), 158: 347, 1986

- comparison of clinical and computed tomographic staging of head and neck tumors, Gatenby RA; Mulhern CB Jr; Strawitz J; et al, (AJNR), 6: 399, 1985
- computed tomography: effective technique for mediastinal staging in lung cancer, Daly BD Jr; Faling J; Pugatch RD; et al, (Radiology), 156: 281, 1985
- (nationgy), 196: 201, 1793 direct coronal and direct sagittal CT of abdomen and pelvis: approach to staging malignancies, van Waes PFGM; Feldberg MAM; Goldberg HI; Herve P; Zonneveld FW; Cann CE, (Radiographics), 6: 213, 1986
- lymphangiography and fine-needle aspiration biopsy: ineffective for staging early prostate cancer, Kidd R; Crane RD; Dail DH, (AJR), 142: 1007, 1984
- magnetic resonance imaging of primary malignant bone tumors, Bloem JL; Falke THM; Taminiau AHM; Doornbos J; Van Oosterom AT; Steiner RM; Overbosch EEH; Ziedses des Plantes BG Jr, (Radiographics), 5: 853, 1985
- maxillary squamous cell carcinomas staged by computed tomography, Kondo M; Ando Y; Inuyama Y; et al, (Int ) Radiat Oncol Biol Phys), 12: 111, 1986
- preoperative and postoperative CT staging of rectosigmoid carcinoma, Thompson WM; Halvorsen RA Jr; Foster WL Jr; et al, (AJR), 146: 703, 1986
- preoperative staging of rectal cancer with computerized tomography, accuracy, efficacy, and effect on patient management, Koehler PR; Feldberg MAM; van Waes PFGM, (Radiology), 155: 284, 1985 sonography and CT in staging nonseminomatous testicular tumors, Poskitt KJ; Cooperberg PL; Sullivan LD, (AJR), 144: 939, 1985
- staging of non-small cell bronchogenic carcinoma: relationship of the clinical evaluation to organ scans, Quinn DL; Ostrow LB; Porter DK; et al, (Radiology), 160: 572, 1986
- staging of renal cell carcinoma: costeffectiveness of routine preoperative bone scans, Campbell RJ; Broaddus SB; Leadbetter GW Jr, (Radiology), **156**: 571,
- staging rectal cancer by MR and CT, Butch RJ; Stark DD; Wittenberg J; et al, (AJR), 146: 1155, 1986
- use of computerized tomography scan in the staging and follow-up study of carcinoma of the rectum, Clark J; Bankoff M; Carter B; et al, (Radiology), 155: 860, 1985

## Neoplasms, therapeutic radiology

- carcinoma recurrence in the tracheal stoma: treatment with intracavitary radiation by Janaki LM; Gardner JE; Medlin VL; Gates JR, (Radiology), 159: 275, 1986
- chordoma: report on treatment results in eighteen cases, Lybeert MLM; Meerwaldt JH, (Acta Radiol [Oncol]), 25: 41,
- clinical summary: challenge of local tumor control and its impact on survival, Brady LW; Cox JD; Markoe AM, (Int J Radiat Oncol Biol Phys), 12: 705, 1986
- contribution of radionuclide imaging to radiation oncology, Mansfield CM; Park CH, (Semin Nucl Med), **15**: 28, 1985
- diagnosis and treatment of neoplasms with radionuclide-labeled antibodies, DeLand FH; Goldenberg DM, (Semin Nucl Med), 15: 2, 1985
- effect of combined modality therapy on local control and survival, DeVita VT; Lippman M; Hubbard SM; et al, (Int J Radiat Oncol Biol Phys), 12: 487, 1986
- evaluation of the response of unresectable carcinoid tumors to radiotherapy, Samlowski WE; Eyre HJ; Sause WT, (Int J Radiat Oncol Biol Phys), 12: 301, 1986

- impact of improved local control on survival, Suit HD; Westgate SJ, (Int J Radiat Oncol Biol Phys), 12: 453, 1986
- influence of irradiation of a primary tumor on the labeling index and estrogen receptor index in a distant tumor focus, Fisher B; Saffer EA; Deutsch M, (Int J Radiat Oncol Biol Phys), 12: 879, 1986
- maxillary squamous cell carcinomas staged by computed tomography, Kondo M; Ando Y; Inuyama Y; et al, (Int J Radiat Oncol Biol Phys), 12: 111, 1986
- once-a-week lower hemibody irradiation (HBI) for metastatic cancers, Nag S; Shah V, (Int J Radiat Oncol Biol Phys), 12: 1003, 1986
- oxygen tension in human tumors: in vivo mapping using CT-guided probes, Gatenby RA; Coia LR; Richter MP; Katz H; Moldofsky PJ; Engstrom P; Brown DQ; Brookland R; Broder GJ, (Radiology), 156:
- potential methods for predicting tumor radiocurability, Peters LJ; Brock WA; Johnson T; et al, (Int J Radiat Oncol Biol Phys), 12: 459, 1986
- predicting late normal tissue responses, Withers HR, (Int J Radiat Oncol Biol Phys), 12: 693, 1986
- present status of treatment of malignant neoplasms by <sup>252</sup>Cf brachytherapy, Maruyama Y, (Radiology), **154**: 287, 1985
- radiologic contributions to cancer management, Kagan AR; Steckel RJ; Bassett LW; et al, (AJR), **147**: 305, 1986
- role of nuclear medicine in chemotherapy of malignant lesions, Kim EE; Haynie TP, (Semin Nucl Med), 15: 12, 1985
- solid tumor models for the assessment of olid tumor models for the assessment of different treatment modalities: XXV. comparison of the effect of one radiation fraction per day with multiple fractions per day (MFD) given either continuously or intermittently on tumor response and normal tissue reaction, Looney WB; Hopkins HA, (Int J Radiat Oncol Biol Phys), 12: 203. 1986
- tumor oxygenation and reoxygenation during radiation therapy: their importance in predicting tumor response, Kallman RF; Dorie MJ, (Int J Radiat Oncol Biol Phys), 12:
- update on therapeutic uses of radiotracers in neoplastic disease, Spencer RP, (Semin Nucl Med), 15: 21, 1985
- vascular endothelium as the vulnerable element in tumours, Denekamp J, (Radiology), **156**: 287, 1985

## Neoplasms, therapy

- capacitive heating of phantom and human tumors with an 8 MHz radiofrequency applicator (thermotron RF-8\*), Song CW; Rhee JG; Lee CKK; et al, (Int J Radiat Oncol Biol Phys), 12: 365, 1986
- clinical phase I toxicity study of Ro 03-8799: plasma, urine, tumour and normal brain pharmacokinetics, Roberts JT, Bleehen NM; Walton MI; et al, (Br J Radiol), 59: 107, 1986
- dose-response relationships for photodynamic injury to murine skin, Moore JV; Keene JP; Land EJ, (Br J Radiol), 59: 257, 1986
- graphical method for the analysis of decisions in clinical oncology, Munro AJ, (Clin Radiol), 37: 263, 1986
- importance of age in management of retinoblastoma of the first eye, Ehlers N, (Radiology), 155: 559, 1985
- intraarterial chemotherapy of head and neck tumors, Lee Y-Y; Wallace S; Dimery I; et al, (AJNR), 7: 343, 1986
- multicompartmental analysis of the kinetics of radioiodinated monoclonal antibody in patients with cancer, Koizumi K; DeNardo GL; DeNardo SJ; et al, (J Nucl Med), 27: 1243, 1986
- surgical management of stage B or C prostatic carcinoma: radical surgery vs. radiotherapy, Olsson CA; Babayan R; White RdV, (Radiology), 156: 864, 1985
- synergism between hyperthermia and ionising radiation, Holt JAC; Stanford RW, (Br J Radiol), 59: 795, 1986
- thoracic radiographic changes after systemic hyperthermia for advanced cancer, Stark P; Guthrie AM; Bull J, (Radiology), **154**: 55,

Neoplasms, US studies

venous renal tumor extension: prospective US evaluation, Schwerk WB; Schwerk WN; Rodeck G, (Radiology), 156: 491, 1985

Nephrectomy See Kidney, surgery

Nephritis

bilateral metachronous xanthogranulomatous pyelonephritis in end-stage renal failure, Golomb J; Solomon A; Peer G; et al, (Urol Radiol), 8: 95, 1986

chest radiograph in the diagnosis of atypical nephritis due to infectious mononucleosis, Koren G; Boichis H; Rotem Y; et al, (Radiology), 156: 274, 1985

(Radiology), 136: 274, 1985 onephritis, Moore L; Curry NS; Jenrette JM III, (Urol Radiol), 8: 89, 1986

computed tomography of perirenal and pararenal inflammatory disease complicating renal calculi, Saksouk F; Tipton-Donovan A; Amis ES Jr; et al, (Radiology), 155: 284, 1985

CT of xanthogranulomatous pyelonephritis: radiologic-pathologic correlation, Goldman SM; Hartman DS; Fishman EK; et al, (AJR), 142: 963, 1984

delayed contrast enhancement in acute focal bacterial nephritis: CT features, Ishikawa I; Saito Y; Onouchi Z; et al, (JCAT), 9: 894,

1985
diagnosis and management of renal
inflammatory processes in children,
Levin R; Burbige KA; Abramson S; et al,
(Radiology), 156: 275, 1985
emphysematous pyelonephritis in a renal
transplant: sonographic and computed
tomographic features, Balsara VJ; Raval B;
Maklad NF, (I Ultrasound Med), 4: 97, 1985

Makiad NF. (U Ultrasound Med), 4: 97, 1985 hemorrhagic focal bacterial nephritis: findings on gray-scale sonography and CT, Rigsby CM; Rosenfield AT; Glickman MG; et al. (AJR), 146: 1173, 1986 imaging in inflammatory disease of the kidney, Morehouse HT; Weiner SN; Hoffman JC, (AJR), 143: 135, 1984

inflammatory disease of the kidney, Morehouse HT; Weiner SN; Hoffman-Tretin JC, (Semin US CT MR), 7: 246, 1986 miserable child with an abdominal mass—au more, Sweeney LE; Gordon I, (Br J Radiol), 59: 707, 1986

MR imaging of xanthogranulomatous pyelonephritis, Mulopulos GP; Patel SK; Pessis D, (JCAT), 10: 154, 1986

sonographic appearance of cytomegalovirus nephritis in a neonate, Cramer BC; Jequier S; Chen MF, (Radiology), **156**: 275, 1985

sonography of emphysematous pyelonephritis, Allen HA III; Walsh JW; Brewer WH; et al, (J Ultrasound Med), 3: 533, 1984

sonography of emphysematous pyelonephritis, Allen HA III; Walsh JW; Brewer WH; et al, (Radiology), 156: 282,

ultrasonographic evaluation of the renal parenchyma in infancy and childhood, Hayden CK Jr. Santa-Cruz FR: Amparo EG; Brouhard B; Swischuk LE; Ahrendt DK, (Radiology), 152: 413, 1984

xanthogranulomatous pyelonephritis: sonographic—pathologic correlation of 16 cases, Hartman DS; Davis CJ Jr; Goldman SM; et al., (J Ultrasound Med), 3: 481, 1984

Nephrocalcinosis

See Kidney, calcification Nephrolithiasis see Kidney, calculi Nephroma

See Kidney neoplasms Nephrostomy

See Kidney, percutaneous nephrostomy

Nerves, acoustic

gas-CT cisternography for detection of small acoustic nerve tumors, Solti-Bohman LG; Magaram DL; Lo WWM; Wade CT; Witten RM; Shimizu FH; McMonigle EM; Rao AKR, (Radiology), 150: 403, 1984

histological acoustic tumour involvement of the VIIth nerve and multicentric origin in the VIIIth nerve, Luetje CM; Whittaker CK; Callaway LA; et al, (Radiology), 152: 558,

MR imaging of the acoustic nerves and small acoustic neuromas at 0.6 T: prospective study, New PFJ; Bachow TB; Wismer GL; et al, (AJNR), 6: 165, 1985

Nerves, cranial

acquired immunodeficiency syndrome and cranial-nerve abnormalities, Lehrich JR; Hedley-Whyte ET; Harris NL, (Radiology), 151: 550, 1984

CT-clinical approach to patients with symptoms related to the V, VII, IX-XII cranial nerves and cervical sympathetics, Kalovidouris A; Mancuso AA; Dillon W, (Radiology), 151: 671, 1984

CT in the evaluation of the vestibulocochlear nerves and their central pathways: evaluation of neurotologic disorders, Mafee MF; Kumar A; Valvassori GE; et al, (Radiol Clin North Am), 22: 45, 1984

hemiparesis caused by vertebral artery compression of the medulla oblongat Kim P; Ishijima B; Takahashi H; et al, (Radiology), 158: 284, 1986

jugular foramen: anatomic and computed tomographic study, Daniels DL; Williams AL; Haughton VM, (AJR), 142: 153,

major motor atrophic patterns in the face and neck: CT evaluation, Harnsberger HR; Dillon WP, (Radiology), 155: 665, 1985 Meckel's cave epidermoid with trigeminal neuralgia: CT findings, Kapila A; Steinbaum S; Chakeres DW, ((CAT), 8: 1172,

perineural tumor extension to the cavernous sinus from superficial facial carcinoma: CT manifestations, Woodruff WW Jr; Yeates AE; McLendon RE, (Radiology), 161: 395, 1986

Nerves, facial

anatomy of the facial nerve in relation to CT/sialography of the parotid gland, Conn IG; Wiesenfeld D; Ferguson MM, (Radiology), 152: 857, 1984

facial nerve canal: CT analysis of the protruding tympanic segment, Swartz JD, (Radiology), 153: 443, 1984

facial nerve neurinoma presenting as middle cranial fossa mass: CT appearance, Kienzle GD; Goldenberg MH; Just NWM; et al, (JCAT), 10: 391, 1986

facial nerve palsy associated with Warthin's tumor, Lesser RW; Spector JG, (Radiology), 159: 823, 1986

histological acoustic tumour involvement of the VIIth nerve and multicentric origin in the VIIIth nerve, Luetje CM; Whittaker CK Callaway LA; et al. (Radiology), 152: 558,

intratemporal vascular tumors: evaluation with CT, Lo WWM; Horn KL; Carberry JN;

with CI, LO WWM: Horn KL; Carberry JN; Solti-Bohman LG; Wade CT; Brackmann DD; Waluch V, (Radiology), 159: 181, 1986 neurilemmomas of the facial nerve presenting as parotic tumors. Halle VH; Greisen O, (Radiology), 152: 857, 1984

ormal and pathologic radiographic anatomy of the motor innervation of the face, Chakeres DW; Kapila A, (AJNR), 5: 591, 1984 peripheral facial nerve dysfunction: CT evaluation, Disbro MA; Harnsberger HR; Osborn AG, (Radiology), 155: 659, 1985

primary tumors of the facial nerve: diagnosis and management, Pillsbury HC; Price HC; Gardiner LJ, (Radiology), **152**: 558, 1984

radiological analysis of hemifacial spasm with special reference to angiographic manifestations, Carlos R; Fukui M; Hasuo K; et al, (Neuroradiol), 28: 288, 1986 Nerves, hypoglossal

CT diagnosis of intracranial neurinoma of the hypoglossal nerve, Bettoni L; Baldi P; Bertolino G, (JCAT), 9: 827, 1985

Nerves, laryngeal

high-resolution sonography of the recurrent laryngeal nerve: anatomic and pathologic considerations, Solbiati L; De Pra L; Ierace T; et al. (AJR), 145: 989, 1985

Nerves, lumbar

lumbosacral plexus: anatomic-radiologicpathologic correlation using CT, Gebarski KS; Gebarski SS; Glazer GM; Samuels BI; Francis IR, (Radiographics), 6:

Nerves, olfactory

esthesioneuroblastoma imaged with bone scintigraphy, Acker R; Leonard JC, (Clin Nucl Med), 11: 670, 1986

Nerves, optic

chiasmal apoplexy: hemorrhage from a cryptic vascular malformation in the optic chiasm, Lavin PJM; McCrary JA III; Roessmann U; et al, (Radiology), 155: 278, 1985

chiasmal syndrome in sarcoidosis, Tang RA; Grotta JC; Lee F; et al, (Radiology), 151: 824,

chiasmatic and hypothalamic extension of optic nerve glioma, McDonnell P; Miller NR, (Radiology), 151: 821, 1984

computed tomographic findings in septo-optic dysplasia: discordance between clinical and radiological findings, Wilson DM; Enzmann DR; Hintz RL; et al, (Radiology), 155: 859, 1985

computed tomography of calcified optic nerve drusen, Uhlenbrock D; Fischer HJ; Appel W, (Radiology), 155: 554, 1985

congenital optic nerve colobomas: CT demonstration, Gardner TW; Zaparackas ZG; Naidich TP, (Radiology), **153**: 273, 1984

CT cisternography of dolichoectatic arterial compression of the optic chiasm, Hinshaw DB Jr; Jordan KR; Hasso AN; et al, (AJNR), 6: 837, 1985

eleven cases of sarcoidosis of the optic nerve, Beardsley TL; Brown SVL; Sydnor CF; et al, (Radiology), **152**: 854, 1984

enlargement of the optic disk in childhood optic nerve tumors, Grimson BS; Perry DD, (Radiology), 155: 276, 1985

evolution of optociliary veins in optic nerve sheath meningioma. evolution, Imes RK; Schatz H; Hoyt WF; et al, (Radiology), 157: 859 1985

intraocular extension of optic nerve meningioma in a case of neurofibromatosis, Cibis GW; Whittaker CK; Wood WE, (Radiology), 158: 285, 1986

involvement of posterior visual pathways by optic nerve gliomas, Lourie GL; Osborne DR; Kirks DR, (Pediatr Radiol), 16:

isolated idiopathic optic neuritis: analysis of free K-light chains in cerebrospinal fluid and correlation with nuclear magnetic resonance findings, Rudick RA; Jacobs L; Kinkel PR; et al. (Radiology), 160: 861, 1986

magnetic resonance imaging of the optic nerves and chiasm, Daniels DL; Herfkens RJ; Gager WE; Meyer GA; Koehler PR; Williams AL; Haughton VM, (Radiology), 152: 79, 1984

(Radiology), 152.77, 1508 MR imaging of the optic nerve and sheath: correcting the chemical shift misregistration effect, Daniels DL; Kneeland JB; Shimakawa A; et al. (AJNR), 7: 249, 1986

MRI of optic chiasm and optic pathways, Albert A; Lee BCP; Saint-Louis L; et al, (AJNR), 7: 255, 1986

neurosarcoidosis involving optic nerves and leptomeninges: computed tomography findings, Ey EH; Wall M; Numaguchi Y; et al, (CT), 10: 129, 1986

optic nerve disturbance caused by frontal and fronto-ethmoidal mucopyocele, Fujitani T; Takahashi T; Asai T, (Radiology), 153: 852,

optic nerve head drusen. high-resolution computed tomographic approach, Bec P; Adam P; Mathis A; et al, (Radiology), 154:

optic nerve/sheath enlargement: a differential approach based on high-resolution CT morphology, Rothfus WE; Curtin HD; Slamovits TL; Kennerdell JS, (Radiology), 150: 409, 1984

optic neuropathy in Paget's disease, Eretto P; Krohel GB; Shihab ZM; et al, (Radiology), 153: 852, 1984

posttraumatic venous obstructive retinopathy associated with enlarged optic nerve Hopp SI; Buckley EG; Byrne SF; et al, (Radiology), **153**: 570, 1984

silent brain lesions in patients with isolated idiopathic optic neuritis: clinical and nuclear magnetic resonance imaging study, Jacobs L; Kinkel PR; Kinkel WR, (Radiology), 160: 861, 1986

Nerves, phrenic

diaphragmatic paralysis evaluated by phrenic nerve stimulation during fluoroscopy or real-time ultrasound, McCauley RGK; Labib KB, (Radiology), 153: 33, 1984

unilateral diaphragmatic paralysis due to contralateral pleural drainage tube, Vallegjos E; Avila R; Lopez-Morales L; et al, (Radiology), 155: 854, 1985

Nerves, roots

CT myelography in cervical nerve root avulsion, Petras AF; Sobel DF; Mani JR; et al, (JCAT), 9: 275, 1985

lumbosacral radiculopathy secondary to abdominal aortic aneurysms. report of 3 cases, Wilberger JE Jr, (Radiology), **152:** 259,

nerve root enlargement in Charcot-Marie Tooth disease: CT appearance, Morano JU; Russell WF, (Radiology), 161: 784, 1986

opacification of epidural venous plexus and dura in evaluation of cervical nerve roots: CT technique, Heinz ER; Yeates A; Burger P; et al, (AJNR), 5: 621, 1984

## Nerves, sacral

lumbosacral plexus: anatomic-radiologicpathologic correlation using CT, Gebarski KS; Gebarski SS; Glazer GM; Samuels BI; Francis IR, (Radiographics), 6: 401, 1986

### Nerves, sciatio

computed tomography of the sacral plexus and sciatic nerve in the greater sciatic foramen, Lanzieri CF; Hilal SK, (AJNR), 5: 315, 1984

correlative CT and anatomic study of the sciatic nerve, Pech P; Haughton VM, (AJR), 144: 1037, 1985

CT evaluation of the greater sciatic foramen in patients with sciatica, Cohen BA; Lanzieri CF; Mendelson DS; et al, (AJNR), 7:

sciatic nerve block under fluoroscopic guidance, Tan WS; Spigos DG, (Cardiovasc Intervent Radiol), 9: 59, 1986

ultrasound evaluation of benign sciatic nerve sheath tumors, Hoddick WK; Callen PW; Filly RA; et al. (J Ultrasound Med), 3: 505, 1984

## Nerves, spinal

bony spinal canal changes that differentiate conjoined nerve roots from herniated nucleus pulposus, Hoddick WK; Helms CA, (Radiology), 154: 119, 1985

cravical radiculopathy: prospective evaluation with surface coil MR imaging, CT with metrizamide, and metrizamide myelography, Modic MT; Masaryk TJ; Mulopulos GP; Bundschuh C; Han JS; Bohlman H, (Radiology), 161: 753, 1986

nerve root enlargement in Charcot-Marie Tooth disease: CT appearance, Morano JU; Russell WF, (Radiology), **161**: 784, 1986

opacification of epidural venous plexus and dura in evaluation of cervical nerve roots: CT technique, Heinz ER; Yeates A; Burger P; et al, (AJNR), 5: 621, 1984

percutaneous biopsy of a metastatic spinal nerve root nodule in a child, Stanley P; Senac MO Jr, (AJNR), 5: 427, 1984

role of stenosis of spinal canal in L4-L5 nerve root compression assessed by flexion-extension myelography, Wilmink JT; Penning L; vandenBurg W, (Radiology), 155: 279, 1985

## Nerves, trigeminal

arterial compression of the fifth cranial nerve causing trigeminal neuralgia: angiographic findings, de Lange EE; Vielvoye GJ; Voormolen JHC, (Radiology), **158**: 721, 1986

Meckel cave: computed tomographic study. part I: normal anatomy; part II: pathology, Kapila A; Chakeres DW; Blanco E, (Radiology), 152: 425, 1984

trigeminal nerve: anatomic correlation with MR imaging, Daniels DL; Pech P; Pojunas KW; Kilgore DP; Williams AL; Haughton VM, (Radiology), **159**: 577, 1986

## Nerves, vagus

life-threatening vagal reactions associated with percutaneous cholecystostomy, vanSonnenberg E; Wing VW; Pollard JW; Casola G, (Radiology), **151:** 377, 1984

## Nerves, vestibulocochlear

CT in the evaluation of the vestibulocochlear nerves and their central pathways: evaluation of neurotologic disorders, Mafee MF; Kumar A; Valvassori GE; et al, (Radiol Clin North Am), 22: 45, 1984

## Nervous system, abnormalities

CNS manifestations of hereditary hemorrhagic telangiectasia, Sobel D; Norman D, (AJNR), 5: 569, 1984

computed tomographic findings in septo-optic dysplasia: discordance between clinical and radiological findings, Wilson DM; Enzmann DR; Hintz RL; et al, (Radiology), 155: 859, 1985

cranio-cervical growth collision: another explanation of the Arnold-Chiari malformation and of basilar impression Roth M, (Neuroradiol), 28: 187, 1986

## Nervous system, CT

blinded clinical comparison of MR imaging and CT in neuroradiology, Haughton VM; Rimm AA; Sobocinski KA; Papke RA; Daniels DL; Williams AL; Lynch R; Levine R, (Radiology), 160: 751, 1986

computed tomography of the sacral plexus and sciatic nerve in the greater sciatic foramen, Lanzieri CF; Hilal SK, (AJNR), 5: 315, 1984

CT-guided needle placement in the central nervous system: results in 146 consecutive patients, Moran CJ; Naidich TP; Marchosky JA, (AJR), 143: 861, 1984

CT identification of celiac ganglia, Dal Pozzo G; Bozza A; Fargnoli R; et al, (Radiology), **158**: 567, 1986

lumbosacral plexus: anatomic-radiologic-pathologic correlation using CT, Gebarski KS; Gebarski SS; Glazer GM; Samuels BI; Francis IR, (Radiographics), 6:

nerve root enlargement in Charcot-Marie-Tooth disease: CT appearance, Morano JU; Russell WF, (Radiology), **161**: 784, 1986

## Nervous system, diseases

eye-movement abnormalities in ophthalmoplegia, ataxia, and areflexia (Fisher's syndrome), Zasorin NL; Yee RD; Baloh RW, (Radiology), 157: 859, 1985

gallium-67 uptake in meningeal sarcoidosis, Ayres JG; Hicks BH; Maisey MN, (Clin Nucl Med), 11: 507, 1986

Med., 11: 307, 1790 high-field MR imaging of superficial siderosis of the central nervous system, Gomori JM; Grossman Rl; Bilaniuk LT; et al. (JCAT), 9: 972, 1982

magnetic resonance imaging in Huntington disease, Simmons JT; Pastakia B; Chase TN; et al, (AJNR), 7: 25, 1986

meningovascular syphilis: CT and MR findings, Holland BA; Perrett LV; Mills CM, (Radiology), 158: 439, 1986

microangiopathic syndrome of encephalopathy, hearing loss, and retinal arteriolar occlusions, Monteiro MLR; Swanson RA; Coppeto JR; et al, (Radiology), 159: 822, 1986

nerve root enlargement in Charcot-Marie-Tooth disease: CT appearance, Morano JU; Russell WF, (Radiology), **161**: 784, 1986

neurosarcoidosis responding to steroids, Reed LD; Abbas S; Markivee CR; et al, (AJR), 146: 819, 1986

triad of neurologic manifestations of Lyme disease: meningitis, cranial neuritis, and radiculoneuritis, Pachner AR; Steere AC, (Radiology), 157: 855, 1985

wallerian degeneration demonstrated by magnetic resonance: spectroscopic measurements on peripheral nerve, Jolesz FA; Polak JF; Ruenzel PW; Adams DF, (Radiology), 152: 85, 1984

## Nervous system, dysfunction

delayed choreoathetosis following acute carbon monoxide poisoning, Schwartz A; Hennerici M; Wegener OH, (Radiology), 157: 854, 1985

progressive optic neuropathy and sensorineural hearing loss due to chronic glue sniffing, Ehyai A; Freemon FR, (Radiology), 150: 291, 1984

## Nervous system, effects of drugs on

effect of misonidazole on neurotransmitter systems, McNeill TH; Koek LL; Brown SA; et al, (Int J Radiat Oncol Biol Phys), 12: 1067, 1986

## Nervous system, injuries

Horner's syndrome secondary to traumatic pseudoaneurysms, Yang PJ; Seeger JF; Carmody RF; et al, (AJNR), 7: 913, 1986 neurogenic pulmonary edema, Colice GL; Matthay MA; Bass E; et al, (Radiology), 156:

## Nervous system, MR studies

blinded clinical comparison of MR imaging and CT in neuroradiology, Haughton VM; Rimm AA; Sobocinski KA; Papke RA; Daniels DL; Williams AL; Jynch R; Levine R, (Radiology), 160: 751, 1986 high-field MR imaging of superficial siderosis of the central nervous system, Gomori JM; Grossman RI; Bilaniuk LT; et al, (JCAT), 9: 072, 1082

MR imaging of intravoxel incoherent motions: application to diffusion and perfusion in neurologic disorders, Le Bihan D; Breton E; Lallemand D; Grenier P; Cabanis E; Laval-Jeantet M, (Radiology), **161**: **40**1, 1986

MR imaging of multiple sclerosis: comparison with clinical and CT examinations in 74 patients, Sheldon JJ, Siddharthan R; Tobias J; et al. (AJNR), 6: 683, 1985

MRI of central nervous system: early clinical results, Zimmerman RA; Bilaniuk LT; Johnson MH; et al, (AJNR), 7: 587, 1986

MRI of optic chiasm and optic pathways, Albert A; Lee BCP; Saint-Louis L; et al, (AJNR), 7: 255, 1986

MRI of the central nervous system in neonates and young children, Lee BCP; Lipper E; Nass R; et al, (AJNR), 7: 605, 1986

trigeminal nerve: anatomic correlation with MR imaging, Daniels DL; Pech P; Pojunas KW; Kilgore DP; Williams AL; Haughton VM, (Radiology), **159**: 577, 1986

## Nervous system, neoplasms

intraocular extension of optic nerve meningioma in a case of neurofibromatosis, Cibis GW; Whittaker CK; Wood WE, (Radiology), 158: 285, 1986

Meckel cave: computed tomographic study. part I: normal anatomy; part II: pathology, Kapila A; Chakeres DW; Blanco E, (Radiology), 152: 425, 1984

primary central nervous system lymphoma, Kawakami Y; Tabuchi K; Ohnishi R; et al, (Radiology), 158: 572, 1986

primary central nervous system lymphoma: CT and pathologic correlation, Lee Y-Y; Bruner JM; Van Tassel P; et al, (AJR), 147:

radiographic findings in 32 cases in primary CNS lymphoma, Jack CR Jr; Reese DF; Scheithauer BW, (AJNR), 6: 899, 1985

supratentorial ependymoma: CT appearance, Armington WG; Osborn AG; Cubberley DA; Harnsberger HR; Boyer R; Naidich TP; Sherry RG, (Radiology), **157**: 367, 1985

two examples of CNS lipomas demonstrated by computed tomography and low field (0.08 T) MR imaging, Kean DM; Smith MA; Douglas RHB; et al, (JCAT), 9: 494, 1985

ultrasound evaluation of benign sciatic nerve sheath tumors, Hoddick WK; Callen PW; Filly RA; et al, (J Ultrasound Med), 3: 505,

unique case of neurosarcoidosis with pineal and suprasellar involvement: CT and pathological demonstration, Wall MJ; Peyster RG; Finkelstein SD; et al, (JCAT), 9: 381, 1985

## Neuralgia

arterial compression of the fifth cranial nerve causing trigeminal neuralgia: angiographic findings, de Lange EE; Vielvoye GJ; Voormolen JHC, (Radiology), 158: 721, 1986

size of the internal carotid and middle cerebral arteries in patients with trigeminal neuralgia, Ericson K, (Radiology), 152: 855,

transovale trigeminal cistern puncture: modified fluoroscopically guided technique, Gomori JM; Rappaport ZH, (AJNR), 6: 93, 1985

## Neurilemmoma

See Neuroma Neurinoma

See Neuroma

## Neuritis

isolated idiopathic optic neuritis: analysis of free K-light chains in cerebrospinal fluid and correlation with nuclear magnetic resonance findings, Rudick RA; Jacobs L; Kinkel PR; et al, (Radiology), 160: 861, 1986

progressive neurologic disorder in a middle-aged man, Zagoria RJ; Steiner E; Williams CD; et al, (Invest Radiol), 21: 589,

relationship of optic neuritis to disease of the paranasal sinus, Rothstein J; Maisel RH; Berlinger NT; et al, (Radiology), **156**: 861,

silent brain lesions in patients with isolated idiopathic optic neuritis: clinical and nuclear magnetic resonance imaging study, Jacobs L; Kinkel PR; Kinkel WR, (Radiology), 160: 861, 1986

### Neuroblastoma

- abdominal neuroblastoma: magnetic resonance imaging and tissue characterization, Fletcher BD; Kopiwoda SY; Strandjord SE; Nelson AD; Pickering SP, (Radiology), **155**: 699, 1985
- antenatal sonographic diagnosis of adrenal neuroblastoma, Fowlie F; Giacomantonio M; McKenzie E; et al, (J Canad Assoc Radiol), 37: 50, 1986
- calcification and uptake of Tc-99m diphosphonates in neuroblastomas: concise communication, Martin-Simmerman P; Cohen MD; Siddiqui A; et al, (Radiology), 154: 861, 1985
- computed tomographic evaluation of Wilm's tumor and neuroblastoma, Lowe RE; Cohen MD, (Radiographics), 4: 915, 1984
- computed tomography in stage III neuroblastoma, Boechat MI; Ortega J; Hoffman AD; et al, (AJR), 145: 1283, 1985
- CT scanning in patients with opsomyoclonus: importance of nonenhanced scan, Donaldson JS; Gilsanz V; Miller JH, (AJR), 146: 781, 1986
- cystic neuroblastoma in infants: radiographic and pathologic features, Atkinson GO Jr; Zaatari GS; & renzo RL; et al, (AJR), 146:
- diagnostic imaging of human neuroblastoma with radiolabeled antibody, Miraldi FD; Nelson AD; Kraly C; Ellery S; Landmeier B; Coccia PF; Strandjord SE; Cheung N-KV, (Radiology), 161: 413, 1986
- diphosphonate intestinal activity seen on two bone images in neuroblastoma, McCarthy KE; Heyman S, (Clin Nucl Med), 11: 501, 1986
- distinguishing neuroblastoma from Wilms tumor by computed tomography, Peretz GS; Lam AH, (JCAT), 9: 889, 1985
- extraosseous uptake of technetium-99m MDP in secondary deposits of neuroblastoma, Mandell GA; Heyman S, (Clin Nucl Med), 11: 337, 1986
- hepatic imaging in Stage IV-S neuroblastoma, Franken EA Jr; Smith WL; Cohen MD; et al, (Pediatr Radiol), 16: 107, 1986
- imaging in neuroblastoma—12 year experience, Alcock MK; Morris LL; LeQuesne GW; et al, (Australas Radiol), 30: 38. 1986
- imaging of neuroblastoma: overview, Bousvaros A; Kirks DR; Grossman H, (Pediatr Radiol), **16**: 89, 1986
- <sup>131</sup>I-meta-iodobenzylguanidine scintigraphy of neuroblastomas, Munkner T, (Semin Nucl Med), 15: 154, 1985
- integrated imaging of hepatic tumors in childhood, part I: malignant lesions (primary and metastatic), Miller JH; Greenspan BS, (Radiology), 154: 83, 1985
- localization of m-iodo(\frac{131}{1})benzylguanidine in neuroblastoma, Hattner RS; Huberty JP; Engelstad BL; et al, (AJR), 143: 373, 1984
- magnetic resonance imaging of bone marrow disease in children, Cohen MD; Klatte EC; disease in children, Cohen MD; Klatte EC; Baehner R; Smith JA; Martin-Simmerman P; Carr BE; Provisor AJ; Weetman RM; Coates T; Siddiqui AR; Weisman SJ; Berkow R; McKenna S; McCuire WA, (Radiology), 151: 715, 1984
- magnetic resonance imaging of neuroblastoma with a 0.15-T magnet, Cohen MD; Weetman RM; Provisor AJ; et al, (AJR), 143: 1241, 1984
- MR imaging of intraspinal extension of neuroblastoma, Siegel MJ; Jamroz GA; Glazer HS; et al, (JCAT), 10: 593, 1986
- neonatal neuroblastoma presenting with respiratory distress, Illescas FF; Williams RL, (Radiology), **156**: 273, 1985
- neuroblastoma metastatic to the testis: ultrasonographic screening as an aid to clinical staging, Casola G; Scheible W; Leopold GR, (Radiology), **151**: 475, 1984
- occult neuroblastoma presenting with opsomyoclonus: utility of computed tomography, Farrelly CA; Daneman A; Chan HSL; et al, (AJR), 142: 807, 1984
- olfactory neuroblastoma: presentation of a case and review of the Japanese literature, Tamada A; Makimoto K; Okawa M; et al, (Radiology), 153: 277, 1984
- pediatric neuroblastoma: postoperative radiation therapy using less than 2000 rad, Jacobson HM; Marcus RB Jr; Thar TL; et al, (Radiology), 153: 273, 1984

- prenatal ultrasonographic diagnosis of fetal adrenal neuroblastoma, Giulian BB; Chang CCN; Yoss BS, (JCU), 14: 225, 1986
- recurrent neuroblastoma: determining the frequency of follow-up examinations, Dwyer AJ; Doppman JL, (Radiology), 150: 607, 1984
- recurrent neuroblastoma: determining the frequency of follow-up examinations. reply, Stark DD; Heilbron D; Moss AA, (Radiology), **150**: 607, 1984
- renal and scapular masses in a 57-year-old woman, van der Vliet AH; Ling D, (Urol Radiol), 8: 56, 1986
- response of human neuroblastoma and melanoma multicellular tumor spheroids (MTS) to single dose irradiation, Evans SM; Labs LM; Yuhas JM, (Int J Radiat Oncol Biol Phys), 12: 969, 1986
- retroperitioneal mass with intradural extension: value of magnetic resonance imaging in neuroblastoma, Dietrich RB; Kangarloo H, (AJR), 146: 251, 1986
- suprarenal haematoma versus neuroblastoma complicated by haemorrhage: diagnostic dilemma in the newborn, Eklof O; Mortensson W; Sandstedt B, (Acta Radiol [Diagn]), 27: 3, 1986
- thoracic neuroblastoma: antenatal oracic neurobiastoma: antenatal demonstration in a case with unusual postnatal radiographic findings, de Filippi G; Canestri G; Bosio U; et al. (Br J Radiol), 59: 704, 1986

### Neurocysticercosis

## See Cysticercosis

#### Neurofibroma See Neuroma

#### Neurofibromatosis

- case of a thoracic vertebral body dislocation without neurological signs in a child with neurofibromatosis, Fasanelli S; Colajacomo M; Gugliantini P; et al, (Pediatr Radiol), 16: 262, 1986
- gastrointestinal manifestations of neurofibromatosis in children: a report of two cases, Hassell P, (Radiology), **150**: 859,
- neurofibromas: location by scanning with Tc-99m DTPA. work in progress, Mandell GA; Herrick WC; Harcke HT; Sharkey C; Brooks KM; MacEwen GD, (Radiology), 157: 803, 1985
- pediatric case of the day, Day DL; Allan BT, (AJR), 144: 1296, 1985
- plexiform neurofibromatosis of the orbit: CT evaluation, Reed D; Robertson WD; Rootman J; et al, (AJNR), 7: 259, 1986
- rare skeletal manifestations in neurofibromatosis complicated with sarcoma, Sharif HS; Tucker AK, (Radiology), 157: 281, 1985
- spine changes in neurofibromatosis, Yaghmai I, (Radiographics), 6: 261, 1986 thoracic manifestations of neurocutaneous diseases, Aughenbaugh GL, (Radiol Clin North Am), 22: 741, 1984

- acoustic neurinoma and posterior fossa meningioma: clinical and CT radiologic findings, Catz A; Reider-Groswasser I, (Neuroradiol), 28: 47, 1986
- acoustic neuromas: Gd-DTPA enhancement in MR imaging, Curati WL; Graif M; Kingsley DPE; Niendorf HP; Young IR, (Radiology), 158: 447, 1986
- acoustic neuromas in children, Hernanz-Schulman M; Welch K; Strand R; et al, (AJNR), 7: 519, 1986
- air cisternography of the cerebellopontine angle using high-resolution computed tomography, Johnson DW, (Radiology), 151: 401, 1984
- changing concepts of acoustic neuroma diagnosis, Barrs DM; Brackmann DE; Olson JE; et al, (Radiology), **157**: 860, 1985
- CT diagnosis of intracranial neurinoma of the hypoglossal nerve, Bettoni L; Baldi P; Bertolino G, (JCAT), 9: 827, 1985
- CT in diagnosis of acoustic neuromas, Wu E-h; Tang Y-s; Zhang Y-t; et al, (AJNR), 7: 645,
- CT myelography of calcified thoracic neurilemoma, Dross PE; Raji MR, (AJNR), 6: 967, 1985
- CT of acoustic neuroma and other tumors of the ear, Curtin HD, (Radiol Clin North Am),

- differentiation of cerebellopontine angle neuromas and meningiomas with MR imaging, Mikhael MA; Ciric IS; Wolff AP, (JCAT). 9: 852, 1985
- effects of dexamethasone treatment on acoustic neuromas: evaluation by computed tomography, Hatam A; Bergstrom M; Noren G, (JCAT), 9: 857, 1985
- extracranial tumor vascularity: determination by dynamic CT scanning, part I: concepts and signature curves, Som PM; Lanzieri CF; Sacher M; Lawson W; Biller HF, (Radiology), 154: 401, 1985
- extracranial tumor vascularity: determination by dynamic CT scanning: part II: the unit approach, Som PM; Lanzieri CF; Sacher M; Lawson W; Biller HF, (Radiology), 154: 407,
- facial nerve neurinoma presenting as middle cranial fossa mass: CT appearance, Kienzle GD; Goldenberg MH; Just NWM; et al. (JCAT), 10: 391, 1986 hemorrhagic nerve sheath tumors (plexiform neurofibromas) of the scalp: CT findings, Nanni D; Lotz PR, (JCAT), 9: 272, 1985
- localized orbital neurofibromas, Krohel GB; Rosenberg PN; Wright JE; et al, (Radiology), 159: 822, 1986
- magnetic resonance imaging of the internal auditory canal, Daniels DL; Herfkens RJ; Koehler PR; Millen SJ; Shaffer KA; Williams AL; Haughton VM, (Radiology), 151: 105, 1984
- MRI in acoustic neuroma: review of 35 patients, Curati WL; Graif M; Kingsley DPE; et al, (Neuroradiol), 28: 208, 1986
- 1986
  MR imaging of the acoustic nerves and small acoustic neuromas at 0.6 T: prospective study, New PFJ; Bachow TB; Wismer GL; et al. (AJNR). 6: 165, 1985 neurilemmomas of the facial nerve presenting as parotid tumors, Halle VH; Greisen O, (Radiology), 152: 857, 1984
- Madrid G; Pardo J; Perez C; et al, (Eur J Radiol), 6: 67, 1986
- pathology of jugular foramen neurofibroma, Gacek RR, (Radiology), 150: 294, 1984
- pathology of primary brain tumors, Zimmerman HM, (Semin Roentgenol), 19: 129, 1984
- postoperative CT findings in acoustic neurinomas operated upon by a translabyrinthine approach, Larsson E-M; Cronqvist S; Sundbarg G; et al, (Neuroradiol), 28: 199, 1986
- roentgenographic diagnosis of acoustic neurinoma, Harner SG; Reese DF, (Radiology), **154**: 564, 1985
- temporal bone region: high-resolution MR imaging using surface coils, Koenig H; Lenz M; Sauter R, (Radiology), 159: 191,
- ultrasound evaluation of benign sciatic nerve sheath tumors, Hoddick WK; Callen PW; Filly RA; et al, (J Ultrasound Med), 3: 505,
- 1704
  vascularization of peripheral neurilemomas:
  angiographic, computed tomographic, and
  histologic studies, Berlin O; Stener B;
  Lindahl S; et al. (Skeletal Radiol), 15: 275,
- volume growth rate of acoustic neurinomas, Laasonen EM; Troupp H, (Neuroradiol), 28: 203, 1986

# Neuroradiology See Brain; Cerebral angiography; Cerebral blood vessels; Brain, CT; Nerves; Nervous

- system; Spinal cord, etc. Neutrons
- comparative review of the Hammersmith (1971-75) and Edinburgh (1977-82) neutron therapy trials of certain cancers of the oral cavity, oropharynx, larynx and hypopharynx, Medical Research Council Neutron Therapy Working Group, (Br J Radiol), 59: 429, 1986
- Edinburgh experience of treating sarcomas of soft tissues and bone with neutron irradiation, Duncan W; Arnott SJ; Jack WJL, (Clin Radiol), 37: 317, 1986
- fast neutron therapy at Edinburgh: staff protection, Bonnett DE, (Radiology), 152: 872, 1984
- implantation of brain tumors with Cf-252: use of computed tomography and magnetic resonance imaging to guide insertion and evaluate response, Maruyama Y; Chin HW; Young AB; Wang PC; Tibbs PA; Beach JL; Goldstein S, (Radiology), 152: 177, 1984

phase I study of mixed (neutron and photon) rradiation using two fractions per day in the treatment of high-grade astrocytomas, Duncan W; McLelland J; Davey P; et al., (Br J Radiol), 59: 441, 1986

report of a randomised pilot study of the reatment of patients with supratentorial gliomas using neutron irradiation, Duncan W; McLelland J; Jack WJL; et al, (Br J Radiol), 59: 373, 1986

results of a randomised trial of mixed-schedule (neutron/photon) irradiation in the grade IV astrocytoma, Duncan W; McLelland J; Jack WJL; et al, (Br J Radiol), 59: 379, 1986

#### Nitrofurantoin

See Antibiotics

#### Nocardiosis

nocardiosis of the lung: chest radiographic findings in 21 cases, Feigin DS, (Radiology), **159**: 9, 1986

pleural and extrapleural disease in nocardia infections, Rubin E; Shin MS, (Radiology), 155: 269, 1985

positive indium-111 leukocyte scan in nocardia brain abscess, Bauman JM; Osenbach R; Hartshorne MF; et al, (J Nucl Med), 27: 60, 1986

## Non-Hodgkin lymphoma

See Lymphoma

### Normal variant

anatomic basis of the pseudotumor of the nasal cavity, Sistrom CL; Keats TE; Johnson CM III, (AJR), 147: 782, 1986

calcar avis: demonstration with cranial US, DiPietro MA; Brody BA; Teele RL, (Radiology), 156: 363, 1985

foraminal spurs: normal variant in the lumbar spine, Helms CA; Sims RE, (Radiology), **160**: 153, 1986

invagination of the left subclavian artery into the left upper lobe—normal variant, Austin JHM, (Comput Radiol), 10: 127, 1986

left upper quadrant pseudolesion secondary to normal variants in liver and spleen, Arenson AM; McKee JD, (JCU), **14**: 558, 1986

minimal asymmetry of the brain: normal variant, Shapiro R; Galloway SJ; Shapiro MD, (AJR), **147**: 753, 1986

ossification centers of the pediatric elbow: rare normal variant, Resnik CS; Hartenberg MA, (Pediatr Radiol), 16: 254, 1986

single photon emission computed tomograms of the liver: normal vascular intrahepatic structures, Pettigrew RI; Witztum KF; Perkins GC; Johnson ML; Burks RN; Verba JW; Halpern SE, (Radiology), **150**: 219, 1984

symptomatic radiographic variants in extremities, Lawson JP, (Radiology), 157: 625, 1985

## Nose

case report 367, Pope TL Jr; Fechner RE; Keats TE, (Skeletal Radiol), **15**: 327, 1986 pseudomonas rhinosinusitis, Fried MP; Relly JH; Strome M, (Radiology), **153**: 277,

radiological changes associated with inverted papilloma of the nose and paranasal sinuses, Lund VJ; Lloyd GAS, (Radiology), **154**: 565,

## Nose, abnormalities

computed tomographic demonstration of choanal atresia, Tadmor R; Ravid M; Millet D; et al, (AJNR), 5: 743, 1984

nasal airway obstruction: CT assessment, Chinwuba C; Wallman J; Strand R, (Radiology), **159:** 503, 1986

## Nose, CT

computed tomographic demonstration of choanal atresia, Tadmor R; Ravid M; Millet D; et al, (AJNR), 5: 743, 1984

computed tomography of osteogenic sarcoma of nasal cavity and paranasal sinuses, Oot RF; Parizel PM; Weber AL, (JCAT), 10: 409, 1986

craniofacial mucormycosis: assessment with CT, Gamba JL; Woodruff WW; Diang WT; Yeates AE, (Radiology), **160**: 207,

nasal airway obstruction: CT assessment, Chinwuba C; Wallman J; Strand R, (Radiology), 159: 503, 1986

spontaneous CSF rhinorrhea arising from the middle cranial fossa: CT demonstration, Yeates AE; Blumenkopf B; Drayer BP; et al, (AJNR), 5: 820, 1984

Nose, diseases dilemmas in the management of chronic nasal and sinus inflammatory diseases of unknown etiology, Duncavage JA; Durkin GE; Lehman RH; et al, (Radiology), 161: 286, 1986

relaping polychondritis studied by computed tomography, Mendelson DS; Som PM; Crane R; Cohen BA; Spiera H, (Radiology), 157: 489, 1985

Nose, fungus

occi, tangus craniofacial mucormycosis: assessment with CT, Gamba JL; Woodruff WW; Djang WT; Yeates AE, (Radiology), **160**: 207, 1986

Nose, hemorrhage embolization of epistaxis and juvenile nasopharyngeal angiofibromas, Davis KR, (AJNR), 7: 953, 1986

Nose, neoplasms carcinoma of the nasal septum, LeLiever WC; Bailey BJ; Griffiths C, (Radiology), **156**: 568,

coexistence of a nasal mucoepidermoid carcinoma and sphenoid mucoceles: CT diagnosis and treatment implications, Schaeffer BT; Som PM; Sacher M; et al, (JCAT), 9: 803, 1985

computed tomography of osteogenic sarcoma of nasal cavity and paranasal sinuses, Oot RF; Parizel PM; Weber AL, (JCAT), 10:

intranasal glomus tumor, Potter AJ Jr; Khatib G; Peppard SB, (Radiology), 156: 569,

inverted papilloma in a 10-year-old boy, Stanley RJ; Kelly JA; Matta II; et al. (Radiology), 157: 857, 1985 inverted papilloma of the nose and paranasal

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lymphoma of the nose and paranasal sinuses, Wilder WH; Harner SG; Banks PM, (Radiology), 150: 863, 1984
MR imaging of esthesioneuroblastoma, Schroth G; Gawehn J; Marquardt B; et al,

(JCAT), 10: 316, 1986

(JCAT), 10: 316, 1986
mucin impaction tumor of the paranasal sinuses: a new clinical entity?, Wenig BL; Sciubba JJ; Zielinski BZ; et al, (Radiology), 150: 863, 1984
nasal polyposis with invasion into the orbit, Arab M; Friedman M; Weingarten J, (Radiology), 150: 293, 1984
olfactory neuroblastoma: presentation of a case and review of the Japanese literature, Tamada A; Makimoto K; Okawa M; et al, (Radiology), 153: 277, 1984
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Cheeseman CI; et al, (Int J Radiat Oncol Biol Phys), 12: 917, 1986

mineral homeostasis in very premature infants: serial evaluation of serum 25-hydroxyvitamin D, serum minerals, and bone mineralization, Hillman LS; Hoff N; Salmons S; et al, (Radiology), 158: 283, 1986 **Nutritional disorders** 

bone and soft tissue components of the leg in infants with protein calorie malnutrition, Akamaguna AI; Odita JC; Ugbodaga CI; et al, (Pediatr Radiol), 16: 40, 1986

epiphyseal separation simulating pyarthrosis, secondary to copper deficiency, in an infant receiving total parenteral nutrition, Levy J; Berdon WE; Abramson SJ, (Radiology), 154: 853, 1985

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gastric restrictive surgery for obesity: early radiologic evaluation, Smith C; Gardiner R; Kubicka RA; Dieschbourg JJ, (Radiology),

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Mason's vertical banded gastroplasty for morbid obesity. surgical procedure and radiographic evaluation, Agha FP; Eckhauser FE; Strodel WE; Fanders BL; Knol JA, (Radiology), 150: 825, 1984

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morbid obesity treated by gastroplasty: radionuclide gastric emptying studies: reply, Arnstein NB; Shapiro B, (Radiology), 159: 816, 1986

oilo, 1900 radiographic evaluation of the Garren gastric bubble, Edell SL; Wills JS; Garren LR; et al, (AJR), 145: 49, 1985

(A)(K), 145: 49, 1985 radiology of gastric reduction surgery for obesity, Cope JR, Moseley H5; Havnie CC; et al, (Radiology), 150: 287, 1984 radiology of gastric restrictive surgery, Smith C; Gardiner R; Kubicka RA; Dieschbourg JJ, (Radiographics), 5: 193, 1985

Tradionuclide gastric emptyping studies in morbid obesity treated with gastroplasty, Arnstein NB; Shapiro B; Eckhauser FE; Dmuchowski CF; Knol JA; Strodel WE; Nakajo M; Swanson DP, (Radiology), 156:

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regional pulmonary distribution of iodine-125-labeled oleic acid: its relationship to the pattern of oleic acid edema and pulmonary blood flow, Tarver RD: Tsai J; Hedlund LW; et al, (Invest Radiol), 21: 102, 1986

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omental fat simulating pleural fluid in traumatic diaphragmatic hernia: CT characteristics, Gurney J; Harrison WL; Anderson JC, (JCAT), 9: 1112, 1985

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omental cyst mimicking the gallbladder, Giyanani VL; Jackson MK; Gerlock AJ Jr; et al, (JCU), 14: 131, 1986

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omental cakes: colonic involvement by omental metastases, Rubesin SE; Levine MS, (Radiology), **154**: 593, 1985

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CT in the evaluation of the orbit and the bony interorbital distance, Mafee MF; Pruzansky S; Corrales MM; et al, (AJNR), 7:

CT of the inferomedial orbit and the lacrimal CI of the Interomedial orbit and the lactimal drainage apparatus; normal and pathologic anatomy, Russell EJ; Czervionke LF; Huckman MS; et al, (AJNR), 6: 759, 1985 enlarged optic nerve, Staubach LB, (Semin Roentgenol), 19: 83, 1984

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(A)JNA), 0: 629, 1965 chemical shift selective magnetic resonance imaging using a whole-body magnet, Frahm J; Haase A; Hanicke W; Matthaei D; Bomsdorf H; Helzel T, (Radiology), 156: 441, 1985

improved MR imaging of the orbit at 1.5 T with surface coils, Schenck JI; Hart HR Jr; Foster TH; et al, (AJNR), 6: 193, 1985

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MR imaging of orbital tumors with CT and ultrasound correlations, Li KC; Poon PY; Hinton P; et al, (JCAT), 8: 1039, 1984

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nasal polyposis with invasion into the orbit, Arab M; Friedman M; Weingarten J, (Radiology), **150**: 293, 1984

ocular and orbital lesions: surface coil MR imaging, Bilaniuk LT; Schenck JF; Zimmerman RA; Hart HR Jr; Foster TH; Edelstein WA; Goldberg HI; Grossman RI, (Radiology), 156: 669, 1985

orbital involvement by multiple myeloma: case report, Boyadjis TA; D'Altorio RA, (CT), 10: 145, 1986

orbital lymphomas and pseudolymphomas: treatment with radiation therapy, Gordon PS; Juillard GJF; Selch MT; Parker RG; Fu Y-S, (Radiology), 159: 797,

orbital pseudorheumatoid nodule, Choi KH; Wilbur AC; Duvall J; et al, (AJNR), 6: 828,

orbital tumor irradiation using non-coplanar beams, Harisiadis L; Schell MC; Working KR; Justice T; Wessels BW; Ling CC, (Radiology, 156: 823, 1985 orbital tumors in children. characterization by computed tomography, Lallemand DP; Brasch RC; Char DH; Norman D, (Radiology), 151: 85, 1984 painless prototosis in an elderly woman

(Radiology), 151: 55, 1984 painless proptosis in an elderly woman, Ryoo MC, (AJR), 142: 1052, 1984 paracular lymphoid tumors, Mittal BB, Deutsch M; Kennerdell JJ; Johnson B, (Radiology), 159: 793, 1986

(Radiology), 1957-793, 1966
primary carcinoid tumor of the orbit—a clinicopathologic study with histochemical and electron microscopic observations, Zimmerman LE; Stangl R; Riddle PJ, (Radiology), 151: 826, 1984
surface-coil MR imaging of orbital neoplasms, Sullivan JA; Harms SE, (AJNR), 7: 29, 1986

Orbit, radiography

alternative method of intraocular foreign-body localization, Watson A; Hartley DE, (AJR), 142: 789, 1984

mucoepidermoid carcinomas of the lacrimal sac, Ni C; Wagoner MD; Wang W-J; et al, (Radiology), 152: 260, 1984

Orbit, radionuclide studies

orbital accumulation of gallium-67 citrate, Tyler JL, (Radiology), 152: 269, 1984

Orbit, therapeutic radiology anterior eye protection with orbital neoplasia, Hancock SL, (Int J Radiat Oncol Biol Phys), 12: 123, 1986

orbital lymphomas and pseudolymphomas treatment with radiation therapy, Gordon PS; Juillard GJF; Selch MT; Parker RG; Fu Y-S, (Radiology), 159: 797,

orbital tumor irradiation using non-coplanar beams, Harisiadis L; Schell MC; Working KR; Justice T; Wessels BW; Ling CC, (Radiology), 156: 823, 1985 paraocular lymphoid tumors, Mittal BB; Deutsch M; Kennerdell JJ; Johnson B, (Radiology), 159: 793, 1986

radiotherapy of hemangioma of the choroid, Alberti W; Greber H; John V; et al, (Radiology), 153: 576, 1984

Orbit, US studies

comparison of sonography and computed tomography in the study of orbital space-occupying lesions, Berges O; Vignaud J; Aubin ML, (AJNR), 5: 247, 1984

Aubin ML, (AJNR), 5: 247, 1794 ultrasonic B-scan measurement of the extra-ocular muscles in Graves' orbitopathy, Willinsky RA; Arenson AM; Hurwitz JJ; et al, (Radiology), 154: 858, 1985

diagnosis of acute testicular torsion using agnosis of acute testicular fosfoli u radionuclide scanning, Levy OM; Gittelman MC; Strashun AM; et al, (Radiology), 150: 870, 1984

(Radiology), 190: 870, 1984 diffuse testicular disease: sonographic features and significance, Subramanyam BR; Horii SC; Hilton S, (AJR), 145: 1221, 1985 testicular neoplasms studied by high-resolution US, Grantham JG; Charboneau JW; James EM; Kirschling RJ; Kvols LK; Segura JW; Wold LE, (Radiology), 157: 775, 1985

Orthopedics

der korperbehinderte in mythologie und kunst. [the bodily handicapped in mythology and art.], Schlegel KF, ed, Reviewed by Oestreich AE; Oestreich TK, (Radiology), 152: 320, 1984

orthopaedic positioning in diagnostic radiology, Bernau A; Berquist TH, Reviewed by Redmond C, (Radiology), 153: 348, 1984

Osteitis deformans

"black beard" sign of monostotic Paget's disease of the mandible, Mailander JC, (Clin Nucl Med), 11: 325, 1986

bone sarcomas in Paget disease: a study of 85 patients, Smith J; Botet JF; Yeh SDJ, (Radiology), 152: 583, 1984

chordoid sarcoma complicating Paget's disease of bone: a case report and review of the literature, Griffin JF; Colclough A; Twentyman O; et al, (Radiology), 155: 851,

comparison between visual assessment and quantitative measurement of radioactivity on the bone scintigram in Paget's disease of bone, Vellenga CJLR; Pauwels EKJ; Bijvoet OLM, (Radiology), 156: 571, 1985

magnetic resonance imaging in Paget disease of the skull, Tjon-A-Tham RTO; Bloem JL; Falke THM; et al, (AJNR), 6: 879, 1985

optic neuropathy in Paget's disease, Eretto P; Krohel GB; Shihab ZM; et al, (Radiology), 153: 852, 1984

osteogenic sarcoma associated with Paget's disease of bone. a clinicopathologic study of 65 patients, Huvos AG; Butler A; Bretsky SS, (Radiology), 152: 251, 1984

Paget disease of the spine: CT with clinical correlation, Zlatkin MB; Lander PH; Hadjipavlou AG; Levine JS, (Radiology), 160: 155, 1986

Paget disease with contraction of long bones, Lander PH; Hadjipavlou AG, (Radiology),

radiological demonstration of healing in Paget's disease of bone treated with APD, Vellenga CJLR; Mulder JD; Bijovet OLM, (Radiology), **158**: 570, 1986

rare localizations of Paget's disease in the skeleton, Heuck H; Buck J, (Radiology), 155: 852, 1985

"short pants" finding on bone images in Paget's disease with paralysis, Mathews J; Karimeddini MK; Spencer RP, (Clin Nucl Med), 11: 221, 1986

Med, 11: 221, 1700 untreated Paget disease of bone studied by scintigraphy, Vellenga CJLR; Pauwels EKJ; Bijvoet OLM; Frijlink WB, Mulder JD; Hermans J, (Radiology), 153, 799, 1984

use of CT in the evaluation of cochlear otosclerosis, Mafee MF; Valvassori GE; Deitch RL; Norouzi P; Henrikson GC; Capek V; Applebaum EL, (Radiology), 156: 703, 1985

Osteoarthropathy

hand osteoarthropathy in pianists, Bard CC; Sylvestre JJ; Dussault RG, (Radiology), **155**: 273, 1985

neuropathic osteoarthropathy, Brower AC, Allman RM, (Radiology), 157: 567, 1985

Osteoarthropathy, diabetic

infection in diabetic osteoarthropathy: use of indium-labeled leukocytes for diagnosis, Maurer AH; Millmond SH; Knight LC; Mesgarzadeh M; Siegel JA; Shuma Adler LP; Greene GS; Malmud LS, (Radiology), **161**: 221, 1986

value of computed tomography for the diagnosis of diabetic osteoarthropathy, Diankov L; Velitschkov L; Petkov D; et al, (Radiology), **152**: 862, 1984

Osteoarthropathy, hypertrophic

acro-osteolysis associated with hypertrophic pulmonary osteoarthropathy and pachydermoperiostosis, Joseph B; Chacko V, (Radiology), 154: 343, 1985

association of hypertrophic osteoarthropathy with gastrointestinal polyposis, Simpson EL; Dalinka MK, (AJR), 144: 983, 1985

hypertrophic osteoarthropathy and primary intestinal lymphoma, Bloom RA; Assaf Y; Verstandig A; et al, (Gastrointest Radiol), 11:

hypertrophic osteoarthropathy in a young child with cytomegalovirus pneumonia and the bare lymphocyte syndrome, Taets van Amerongen AHM; Golding RP; Veerman AJP, (Pediatr Radiol), 16: 257, 1986

hypertrophic osteoarthropathy in metastatic renal cell carcinoma, Golimbu C: Marchetta P; Firooznia H; et al, (Radiology), 152: 843, 1984

hypertrophic pulmonary osteoarthropathy in association with a bronchial carcinoid tumour, Bradford R; Griffiths MH; Goldstraw P, (Radiology), **154**: 847, 1985

primary hypertrophic osteoarthropathy, Diren HB; Kutluk MT; Karabent A; et al, (Pediatr Radiol), 16: 231, 1986 radiographic features of osteoarthropathy, Resnick D, (Radiology), 157: 553, 1985

radiographic features of osteoarthropathy: reply, Joseph B; Chacko V, (Radiology), **157**: 554, 1985

Osteoblastoma

benign osteoblastoma. a report of a case and review of the literature, Clutter DJ; Leopold DA; Gould LV, (Radiology), 154: 280, 1985

benign osteoblastoma of the maxillary sinus, Osguthorpe JD; Hungerford GD, (Radiology), **151**: 827, 1984

bone scintigraphy in the preoperative evaluation of osteoid osteoma and osteoblastoma of the spine, Papanicolaou N; Treves S, (Radiology), 153: 562, 1984

case report 351, Abdelwahab IF; Frankel VH; Klein MJ, (Skeletal Radiol), 15: 164, 1986

metastatic and pseudomalignant osteoblastoma: report of two unusual cases, Mitchell ML: Ackerman LV, (Skeletal Radiol), 15: 213, 1986

osteoblastoma of the temporal bone: CT findings, Gellad FE; Hafiz MA; Blanchard CL, (JCAT), 9: 577, 1985

osteoid osteoma and osteoblastoma of the spine, Pettine KA; Klassen RA, (Radiology), 160: 859, 1986

osteoid osteoma and osteoblastoma of the spine in children: report of 22 cases with brief literature review, Azouz EM; Kozlowski K; Marton D; et al, (Pediatr Radiol), 16: 25, 1986

osteoid osteoma and osteoblastoma of the talus: report of 40 cases, Capanna R; Van Horn JR; Ayala A; et al, (Skeletal Radiol), 15: 360, 1986

osteosarcoma resembling osteoblastoma, Bertoni F; Unni KK; McLeod RA; et al, (Radiology), 156: 268, 1985

scoliosis due to rib osteoblastoma: report of two cases, Fabris D; Trainite G; Di Comun M; et al, (Radiology), **151**: 264, 1984

Osteochondritis, deformans juvenilis acetabular hypertrophy in Legg-Calve-Perthes disease, Yngve DA; Roberts JM, (Radiology), 157: 854, 1985

lesions of the femoral neck in Legg-Perthes disease, Silverman FN, (AJR), 144: 1249,

Osteochondritis dissecans

computerized blood-flow analysis in osteochondritis dissecans, McCullough RW; Gandsman EJ; Litchman H; et al, (Clin Nucl Med), 11: 511, 1986

Osteochondrodysplasias

See Bones, osteochondrodysplasias

Osteochondroma

computed tomography of solitary spinal osteochondromas, Lanzieri CF; Solodnik P; Sacher M; et al, (JCAT), 9: 1042, 1985

"disappearing" osteochondroma, Paling MR, (Radiology), 153: 269, 1984

parosteal lipoma with enlarging osteochondroma, Demos TC; Bruno E; Armin A; et al, (AJR), 143: 365, 1984

popliteal vein compression by a fibular osteochrondroma: case report, Kraus RA; Macke JC; Crawford AH; et al, (Pediatr Radiol), 16: 173, 1986

primary lesions of bone in the 1st decade of life: retrospective survey of biopsy results, Senac MO Jr; Isaacs H; Gwinn JL, (Radiology), **160**: 491, 1986

scintigraphic findings of multiple osteochondromas, Shih W-J; Riley CN; Domstad PA; et al, (Clin Nucl Med), 11: 600,

Osteodystrophy

See Bones, primary metabolic abnormalities

Osteogenesis imperfecta See Bones, osteochondrodysplasias

Osteolysis

acro-osteolysis associated with hypertrophic pulmonary osteoarthropathy and pachydermoperiostosis, Joseph B; Chacko V (Radiology), **154**: 343, 1985

bone reinforcement lines in chronic adult osteopenia: hypothesis, Kursunoglu S; Pate D; Resnick D; Haghighi P; Tyson R; Pitt M, (Radiology), 158: 409, 1986

case report 246: osteolysis of the ileum associated with a loose acetabular cup following total hip arthroplasty, secondary to foreign body reaction to polyethylene and methyl methacrylate, Bell RS; Ha'eri GB; Goodman SB; et al, (Radiology), 153: 562,

Hajdu-Cheney acro-osteolysis and calcified aneurysm of ligated patent ductus arteriosus, Blery M; Cerba D; Chagnon S, (Radiology), 152: 853, 1984

pancreatic acinar cell carcinoma with subcutaneous and intraosseous fat necrosis, Radin DR; Colletti PM; Forrester DM; Tang WW, (Radiology), **158**: 67, 1986 1

post-traumatic osteolysis of the pubic bone simulating a malignant lesion, Hall FM; Goldberg RP; Kasdon EJ; et al, (Radiology), 152: 842, 1984

sonographic appearance of osteolysis of humeral head, Kauzlaric D. (ICU), 14: 566.

stress-induced osteolysis of the clavicle, Kaplan PA; Resnick D, (Radiology), **158**: 139, 1986

bone healing misdiagnosed as recurrent osteoid osteoma, Merrick MV; Petrie PWR, (Radiology), 157: 851, 1985

(Nationally, 1875-51, 1875-51) bone scintigraphy in the preoperative evaluation of osteoid osteoma and osteoblastoma of the spine, Papanicolaou N; Treves S, (Radiology), 153: 562, 1984

case report 379, Wiggins T; Bohrer SP, (Skeletal Radiol), 15: 409, 1986

choroidal osteoma after intraocular inflammation, Trimble SN; Schatz H, (Radiology), 152: 849, 1984

computed tomography of axial skeletal osteoid osteomas, Gamba JL; Martinez S; Apple JS; et al, (AJR), 142: 769, 1984

CT appearance of nidus in osteoid osteoma versus sequestration in osteomyelitis, Mahboubi S, (JCAT), **10**: 457, 1986

multiple choroidal osteomas developing in association with recurrent orbital inflammatory pseudotumor, Katz RSS; Glass JDM, (Radiology), **152**: 858, 1984

osteoid osteoma and osteoblastoma of the spine, Pettine KA; Klassen RA, (Radiology), 160: 859, 1986

osteoid osteoma and osteoblastoma of the spine in children: report of 22 cases with brief literature review, Azouz EM; Kozlowski K; Marton D; et al, (Pediatr Radiol), 16: 25, 1986

osteoid osteoma and osteoblastoma of the talus: report of 40 cases, Capanna R; Van Horn JR; Ayala A; et al, (Skeletal Radiol), **15**:

osteoid osteoma: excision with scintimetric guidance, O'Brien TM; Murray TE; Malone LA; Dervan P; Walsh M; McManus F; Ennis JT, (Radiology), 153: 543,

osteoid osteoma: localization by intraoperative magnification scintigraphy, Taylor GA; Shea N; O'Brien T; et al, (Pediatr Radiol), **16**: 313, 1986

osteoid osteoma of the hip stimulating an early onset of osteoarthritis, Norman A; Abdelwahab IF; Buyon J; Matzkin E, (Radiology), 158: 417, 1986

osteoid osteoma: operative confirmation of complete removal by bone scintigraphy, Papanicolaou N, (Radiology), **154**: 821, 1985

osteoid osteoma: radionuclide diagnosis, Helms CA; Hattner RS; Vogler JB III, (Radiology), **151:** 779, 1984

## Osteomalacia

adult sporadic hypophosphatemic osteomalacia presenting as regional migratory osteoporosis, Gerster J-C; Jaeger P; Gobelet C; et al, (Radiology), **161**: 860, 1986

aluminum bone disease in children: radiographic features from diagnosis to resolution, Andreoli SP; Smith JA; Bergstein JM, (Radiology), **156**: 663, 1985

aluminum bone disease in children: radiographic features from diagnosis to resolution, Daves ML, (Radiology), **159**: 283, 1986

aluminum bone disease in children: radiographic features from diagnosis to resolution: reply , Andreoli SP; Smith JA; Bergstein JM, (Radiology), 159: 284, 1986

metabolic bone disease in pseudohypoparathyroidism: radiologic features, Burnstein MI; Kottamasu SR; Pettifor JM; Sochett E; Ellis BI; Frame B, (Radiology), 155: 351, 1985

osteomalacia of very-low-birth-weight infants, Roberts WA; Badger VM, (Radiology), 155:

osteomalacia presenting as pathological fracture during pregnancy in Asian women of high socioeconomic class, Dandona P; Okonolucano F; Clements RV, (Radiology), 157: 566, 1985

## Osteomyelitis

See Bones, infection

## Osteonecrosis

See Bones, necrosis

# Osteopetrosis

See Bones, osteochondrodysplasias

## Osteoporosis

adult sporadic hypophosphatemic osteomalacia presenting as regional migratory osteoporosis, Gerster J-C; Jaeger P; Gobelet C; et al, (Radiology), **161**: 860, 1986

bone mineral content in early-postmenopausal and postmenopausal osteoporotic women: comparison of measurement methods, Reinbold W-D; Genant HK; Reiser UJ; Harris ST; Ettinger B, (Radiology), **160**: 469,

osteopenia: hypothesis, Kursunoglu S; Pate D; Resnick D; Haghighi P; Tyson R; Pitt M, (Radiology), **158**: **409**, 1986

can a calcaneal morphologic index determine the degree of osteoporosis?, Cockshott WP; Occleshaw CJ; Webber C; et al., (Radiology), 154: 849, 1985

coexistence and characteristics of osteoarthritis and osteoporosis, Healy JH; Vigorita VJ; Lane JM, (Radiology), 157: 280, 1985

disuse osteoporosis: mimic of neoplastic disease, Joyce JM; Keats TE, (Skeletal Radiol), 15: 129, 1986

fracture prevalence and bone mineral mass in acture prevalence and bone mineral mass in osteoporosis measured with computed tomography and dual energy photon absorptiometry, Raymakers JA; Hoekstra O; van Putten J; et al, (Skeletal Radiol), 15: 191, 1986

hyperimmunoglobulinemia E syndrome: association with osteoporosis and recurrent fractures, Kirchner SG; Sivit CJ; Wright PF, (Radiology), 156: 362, 1985

insufficiency fractures of the sacrum, Cooper KL; Beabout JW; Swee RG, (Radiology), **156**: 15, 1985

osteoporosis, wrinkled skin, and aged appearance: presumed autosomal recessive condition, McAlister WH, Coe JD; Whyte MP, (Skeletal Radiol), 15: 47, 1986

osteoporosis—early radiographic sign of endemic fluorosis, Zong-Cheng L; En-Huei W, (Skeletal Radiol), **15**: 350, 1986

osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation, Schulz EE; Engstrom H; Sauser DD; Baylink DJ, (Radiology), **159**: 457, 1986

osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation, Bohrer SP, (Radiology), 161: 277, 1986

osteoporosis: radiographic detection of fluoride-induced extra-axial bone formation: reply, Schulz EE, (Radiology), 161: 277, 1986

peripheral and axial measurements of trabecular bone density in patients osteoporosis, Bydder GM; Elsasser U; Hesp R; et al, (Radiology), **152**: 561, 1984

radiologic methods to evaluate bone mineral content. Health and Public Policy Committee, American College of Physicians, (Radiology), (Radiology), 153: 563, 1984

rate of spinal trabecular bone loss in normal perimenopausal women: CT measurement, Firooznia H; Golimbu C; Rafii M; Schwartz MS, (Radiology), 161: 735, 1986

supraacetabular insufficiency fractures, Cooper KL; Beabout JW; McLeod RA, (Radiology), **157**: 15, 1985

trabecular bone density in the proximal femur: quantitative CT assessment. work in progress, Sartoris DJ; Andre M; Resnik CS; Resnick D, (Radiology), **160**: 707, 1986

trabecular bone mineral density measurement in vivo: use of the ratio of coherent to Compton-scattered photons in the calcaneus, Shukla SS; Leichter I; Karellas A; Craven JD; Greenfield MA, (Radiology), 158:

trabecular mineral content of the spine in women with hip fracture: CT measurement, Firooznia H; Rafii M; Golimbu C; Schwartz MS; Ort P, (Radiology), 159: 737,

trabecular stress fractures during fluoride therapy for osteoporosis, Schnitzler CM; Solomon L, (Radiology), **159**: 572, 1986

vertebral-body collapse in focal and diffuse disease: patterns of pathologic processes, Sartoris DJ; Clopton P; Nemcek A; Dowd C; Resnick D, (Radiology), 160: 479, 1986

angiographic response of osteosarcoma following pre-operative chemotherapy, Kumpan W; Lechner G; Wittich GR; et al, (Skeletal Radiol), 15: 96, 1986

case report 370, Sundaram M; Herbold DR; McGuire MH, (Skeletal Radiol), 15: 338, 1986

changing metastatic patterns of osteosarcoma, Giuliano AE; Feig S; Eilber FR, (Radiology), 156: 268, 1985

childhood multifocal osteosarcoma: clinicopathologic and radiologic correlates, Parham DM; Pratt CB; Parvey LS; et al, (Radiology), 157: 853, 1985

computed tomographic diagnosis of an intracardiac metastasis from osteosarcoma, Watts FB Jr; Zingas AP; Das L; et al, (Radiology), 151: 554, 1984

computed tomography of osteosarcoma after intraarterial chemotherapy, Shirkhoda A; Jaffe N; Wallace S; et al, (AJR), 144: 95, 1985

effect of chemotherapy on osteosarcoma of the extremities as apparent from conventional roentgenograms, den Heeten GJ; Thijn CJP; Kamps WA; et al, (Pediatr Radiol), 16: 407, 1986

intracortical osteosarcoma: rare entity or early manifestation of classical osteosarcoma?, Picci P; Gherlinzoni F; Guerra A, (Radiology), 153: 269, 1984

localization of 99mTc methylene diphosphonate within synovial fluid in osteosarcoma, Sandler MS; Heyman S; Watts H, (AJR), 143: 349, 1984

meaning of radiolucencies in parosteal osteosarcoma, Bertoni F; Present D; Hudson T; et al, (Radiology), **157**: 850, 1985

neuroradiologic features of primary falx osteosarcoma, Wang A-M; Fitzgerald TJ; Lichtman AH; et al, (AJNR), 7: 729, 1986

osteoclast-rich osteosarcoma, Bathurst N; Sanerkin N; Watt I, (Br J Radiol), **59:** 667, 1986

osteosarcoma resembling osteoblastoma, Bertoni F; Unni KK; McLeod RA; et al, (Radiology), **156**: 268, 1985

osteosarcoma: role of CT in limb-sparing treatment, Schreiman JS; Crass JR; Wick MR; Maile CW; Thompson RC Jr, (Radiology), 161: 485, 1986

periosteal osteosarcoma, Hall RB; Robinson LH; Malawar MM; et al, (Radiology), **156**: 268, 1985

primary lesions of bone in the 1st decade of life: retrospective survey of biopsy results, Senac MO Jr; Isaacs H; Gwinn JL, (Radiology), 160: 491, 1986

pulmonary evaluation of patients with osteosarcoma: roles of standard radiography, tomography, CT, scintigraphy, and tomoscintigraphy, Vanel D; Henry-Amar M; Lumbroso J; et al, (AJR), 143: 519, 1984

radiologic evaluation of osteosarcoma, Azouz EM; Esseltine DW; Chevalier L; et al, (Radiology), **150**: 856, 1984

radiologic imaging of osteosarcoma: role in planning surgical treatment, Hudson TM; Schiebler M; Springfield DS; et al, (Radiology), 153: 562, 1984

response of osteosarcoma to preoperative intravenous high-dose methotrexate chemotherapy: CT evaluation, Mail JT; Cohen MD; Mirkin LD; et al, (AJR), 144: 89,

review of the unusual appearance or atypical location of osteogenic sarcoma in childhood, Heller RM; Dominguez R; Ertel IJ; Winfield AC; Kirchner SG, (Radiographics), 4: 507, 1984

subtle early osteosarcoma, de Santos LA; Edeiken BS, (Radiology), **157:** 566, 1985

telangiectatic osteosarcoma, Gomes H; Menanteau B; Gaillard D; et al, (Pediatr Radiol), **16**: 140, 1986

## Osteosclerosis

See Bones, sclerosis

#### Otitis media

See Ear, inflammation and infection

## Otolaryngology

digital subtraction angiography: applications to otolaryngology—head and neck surgery, Miller RW; Carmody RF; Seeger JS; et al, (Radiology), 151: 552, 1984

## Otosclerosis

- cochlear otosclerosis (otospongiosis): CT analysis with audiometric correlation, Swartz JD; Mandell DM; Berman SE; Wolfson RJ; Marlowe FI; Popky GL, (Radiology), 155: 147, 1985
- CT densitometry of the cochlear capsule in otosclerosis, Valvassori GE; Dobben GD, (AJNR), 6: 661, 1985
- CT of cochlear otosclerosis (otospongiosis), Damsma H; de Groot JAM; Zonneveld FW; et al, (Radiol Clin North Am), 22: 37, 1984
- fenestral otosclerosis: significance of preoperative CT evaluation, Swartz JD; Faerber EN; Wolfson RJ; Marlowe FI, (Radiology), 151: 703, 1984
- otosclerosis: comparison of complex-motion tomography and computed tomography, Chintapalli K; Unger JM; Shaffer K; et al, (AJNR), 6: 85, 1985
- use of CT in stapedial otosclerosis, Mafee MF; Henrikson GC; Deitch RL; Norouzi P; Kumar A; Kriz R; Valvassori GE, (Radiology), 156: 709, 1985
- (Radiology), 196: 709, 1965 use of CT in the evaluation of cochlear otosclerosis, Mafee MF; Valvassori GE; Deitch RL; Norouzi P; Henrikson GC; Capek V; Applebaum EL, (Radiology), 156: 703, 1985

#### Ovary

- delayed effect of radiation therapy with or without chemotherapy on ovarian function in women with Hodgkin's disease, Fisher B; Cheung AYC, (Radiology), 155: 559, 1985
- ovarian hyperstimulation with exogenous pulsatile gonadotropin releasing hormone therapy, Corenblum B; Wiseman DA, (J Ultrasound Med), 4: 405, 1985
- ovarian radiation dose during dynamic cystourethrography using videorecording and photofluorography, Westby M; Sandbu J; Jahren R; et al, (Acta Radiol [Diagn]), 27: 55, 1986
- sonographic monitoring of LHRH analogue therapy in idiopathic precocious puberty in young girls, Hall DA; Crowley WF; Wierman ME; et al, (JCU), 14: 331, 1986

## Ovary, abnormalities

- fetal ovarian cysts: sonographic detection and association with hypothyroidism, Jafri SZH; Bree RL; Silver TM; Ouimette M, (Radiology), 150: 809, 1984
- uterine adnexal torsion: sonographic findings, Warner MA; Fleischer AC; Edell SL; Thieme GA; Bundy AL; Kurtz AB; James AE Jr, (Radiology), 154: 773, 1985

## Ovary, abscess

computed tomography in the evaluation of tubo-ovarian abscesses in children, Mahboubi S; Caro PA, (CT), 10: 67, 1986

## Ovary, C

- computed tomography in advanced ovarian cancer: inter- and intraobserver reliability, Warde P; Rideout DF; Herman S; et al, (Invest Radiol), 21: 31, 1986
- computed tomography in the evaluation of tubo-ovarian abscesses in children, Mahboubi S; Caro PA, (CT), 10: 67, 1986
- computed tomography of benign ovarian masses, Sawyer RW; Vick CW; Walsh JW; et al, (JCAT), 9: 784, 1985
- computed tomography of Krukenberg tumors Cho KC; Gold BM, (AJR), 145: 285, 1985 computed tomography prior to second-look
- computed tomography prior to second-look operation in advanced ovarian cancer, Goldhirsch A; Triller JK; Greiner R; et al, (Radiology), 152: 861, 1984
- conventional radiology and computed tomography in ovarian cancer: discussion paper, Blaquiere RM; Husband JE, (Radiology), 151: 260, 1984
- CT demonstration of ovarian varices, Radin DR; Ray MJ; Harrison E; et al, (JCAT), 10: 361, 1986
- direct multiplanar CT findings in cystic teratoma of the ovary, Feldberg MAM; van Waes PFGM; Hendriks MJ, (JCAT), 8: 1131, 1984

- ovarian metastases: computed tomographic appearances, Megibow AJ; Hulnick DH; Bosniak MA; Balthazar EJ, (Radiology), 156: 161. 1985
- serous carcinoma of the ovary: CT identification of metastatic calcified implants, Mitchell DG; Hill MC; Hill SC; Zaloudek C, (Radiology), 158: 649, 1986

#### Ovary, cysts

- adnexal structures: MR imaging, Dooms GC; Hricak H; Tscholakoff D, (Radiology), 158: 639, 1986
- antenatal sonographic diagnosis of complicated ovarian cysts, Preziosi P; Fariello G; Maiorana A; et al, (JCU), 14: 196, 1986
- contribution of sonographic evaluation of ovarian size in patients with polycystic ovarian disease, Nicolini U, Ferrazzi E; Bellotti M; et al, (J Ultrasound Med), 4: 347, 1985
- cystic ovaries in cystic fibrosis: an ultrasound and autopsy study, Shawker TH; Hubbard VS; Reichert CM; et al, (Radiology), 152: 865, 1984
- cysts in pregnancy discovered by sonography, Nelson MJ; Cavalieri R; Graham D; et al, (JCU), 14: 509, 1986
- delayed regression of huge theca lutein cysts monitored by serial sonograms and *B*-HCG levels, Lupien C; Wagar H; Sauerbrei EE, (Radiology), **153**: 859, 1984
- fetal ovarian cysts: sonographic detection and association with hypothyroidism, Jafri SZH; Bree RL; Silver TM; Ouimette M, (Radiology), 150: 809, 1984
- multicystic ovaries in primary hypothyroidism, Lindsay AN; Voorhess ML; MacGillivray MH, (Radiology), 150: 613, 1984
- ovarian dermoid cyst complicated by an entero-ovarian fistula, Shiels WE; Dueno F; Hernandez E, (Radiology), **160**: 443, 1986
- percutaneous ovarian cyst aspiration using continuous transvaginal ultrasonographic monitoring, Schwimer SR; Marik J; Lebovic J, (J Ultrasound Med), 4: 259, 1985
- polycystic ovarian disease: sonographic spectrum, Hann LE; Hall DA; McArdle CR; Seibel M, (Radiology), **150**: 531, 1984
- Polycystic ovarian disease: ultrasonic evaluation and correlations with clinical and hormonal data, Parisi L; Tramonti M; Derchi LE; et al, (Radiology), 152: 866, 1984
- polycystic ovaries: MR imaging, Mitchell DG, Gefter WB; Spritzer CE; Blasco L; Nulson J; Livolsi V; Axel L; Arger PH; Kressel HY, (Radiology), 160: 425, 1986
- significance of the postmenopausal simple adnexal cyst, Hall DA; McCarthy KA, (J Ultrasound Med), 5: 503, 1986
- sonographic appearance of the hemorrhagic ovarian cyst in adolescents, Bass IS; Haller JO; Friedman AP; et al, (J Ultrasound Med), 3: 509, 1984
- sonographic appearance of the hemorrhagic ovarian cyst in adolescents, Bass IS; Haller JO; Friedman AP; et al, (Radiology), 156: 275, 1985
- sonographic appearances of the wall of ovarian dermoid cysts, Nicolet V; Ethier S; Lamarre L, (Radiology), **156**: 283, 1985
- sonographic evaluation of normal and induced ovulation, Ritchie WGM, (Radiology), **161**: 1, 1986
- sonographic features of parovarian cysts and their complications, Alpern MB; Sandler MA; Madrazo BL, (AJR), 143: 157,
- sonography of hemorrhagic ovarian cysts, Reynolds T; Hill MC; Glassman LM, (JCU), 14: 449, 1986
- ultrasound evaluation of female isosexual precocious puberty, Shawker TH; Comite F; Rieth KG, (Radiology), **154**: 853, 1985

## Ovary, diseases

polycystic ovarian disease: sonographic spectrum, Hann LE; Hall DA; McArdle CR; Seibel M, (Radiology), 150: 531, 1984

## Ovary, MR studies

magnetic resonance tomography of the pelvis, Smith FW, (Cardiovasc Intervent Radiol), 8:

- MRI of the female pelvis: review, Hricak H, (AIR), 146: 1115, 1986
- polycystic ovaries: MR imaging, Mitchell DG; Gefter WB; Spritzer CE; Blasco L; Nulson J; Livolsi V; Axel L; Arger PH; Kressel HY, (Radiology), 160: 425, 1986

## Ovary, neoplasms

- adnexal structures: MR imaging, Dooms GC; Hricak H; Tscholakoff D, (Radiology), 158: 639, 1986
- osy, 1906
  antibody-guided radiolocalisation of tumours in patients with testicular or ovarian cancer using two radioiodinated monoclonal antibodies to placental alkaline phosphatase, Epenetos AA; Carr D; Johnson PM; et al, (Br J Radiol), 59: 117, 1986
- calcified peritoneal metastases from papillary cystadenocarcinoma of the ovary: CT features, Pandolfo I; Blandino A; Gaeta M; et al, (JCAT), 10: 545, 1986
- cardiophrenic angle adenopathy: update of causes and significance, Vock P; Hodler J, (Radiology), 159: 395, 1986
- computed tomography in advanced ovarian cancer: inter- and intraobserver reliability, Warde P; Rideout DF; Herman S; et al, (Invest Radiol), 21: 31, 1986
- computed tomography of benign ovarian masses, Sawyer RW; Vick CW; Walsh JW; et al, (JCAT), 9: 784, 1985
- computed tomography of Krukenberg tumors Cho KC; Gold BM, (AJR), 145: 285, 1985
- computed tomography prior to second-look operation in advanced ovarian cancer, Goldhirsch A; Triller JK; Greiner R; et al, (Radiology), 152: 861, 1984
- controversies in the radiologic diagnosis of pelvic malignancies, Choyke PL; Thickman D; Kressel HY; et al, (Radiol Clin North Am), 23: 531, 1985
- conventional radiology and computed tomography in ovarian cancer: discussion paper, Blaquiere RM; Husband JE, (Radiology), 151: 260, 1984
- correlation of ultrasound and pathologic findings in patients with epithelial carcinoma of the ovary, Wicks JD; Mettler FA Jr; Hilgers RD; et al, (Radiology), 155: 862, 1985
- cystic ovarian teratomas: sonographic appearance of the dermoid plug, Quinn SF; Erickson S; Black WC, (Radiology), 155: 477, 1985
- I-123 radioiodinated antibody imaging of occult ovarian cancer, Epenetos AA; Shepherd J; Britton KE; et al, (Radiology), 156: 571, 1985
- late ovarian metastases in carcinoma of the colon and rectum, Morrow M; Enker WE, (Radiology), 156: 267, 1985
- magnetic resonance imaging of the pelvis: evaluation of ovarian masses at 0.15 T, Hamlin DJ; Fitzsimmons JR; Pettersson H; et al, (AJR), 145: 585, 1985
- ovarian cancer: challenge of local tumor control and its impact on survival, Sjovall K; Silfversward C; Einhorn N, (Int J Radiat Oncol Biol Phys), 12: 567, 1986
- ovarian cancer: contribution of radiation therapy to patient management. Erskine Memorial Lecture, 1983, Bush RS, (Radiology), 153: 17, 1984
- ovarian carcinoma follow-up: US versus laparotomy, Khan O; Cosgrove DO; Fried AM; Savage PE, (Radiology), **159**: 111,
- ovarian dermoid cyst complicated by an entero-ovarian fistula, Shiels WE; Dueno F; Hernandez E, (Radiology), **160**: 443, 1986
- psammomatous-like calcification in a Brenner tumour of the ovary, Schultz SM; Curry TS III; Voet R, (Br J Radiol), 59: 412, 1986
- radionuclide imaging of epithelial ovarian tumours with <sup>12</sup>I-labelled monoclonal antibody (H317) specific for placental-type alkaline phosphatase, Critchley M; Brownless S; Patten M; et al, (Clin Radiol), 37: 107. 1986
- role of ultrasound in the management of ovarian carcinoma, Khan O; Wiltshaw E; McCready VR; et al, (Radiology), 152: 267, 1984
- scintigraphic peritoneography in advanced ovarian malignancies: its value for chemotherapeutic distribution studies, Van Weelde BJG; Pauwels EKJ; Jones B; et al, (Radiology), 156: 285, 1985

serous carcinoma of the ovary: CT identification of the ovary: C1 identification of metastatic calcified implants, Mitchell DG; Hill MC; Hill SC; Zaloudek C, (Radiology), **158**: 649, 1986

sonography of ovarian fibromas, Stephenson WM; Laing FC, (AJR), 144: 1239, 1985

treatment of stages II, III and IV primary surface epithelial ovarian cancers by surface epithelial ovarian cancers by maximum bulk tumour reduction and combined chemotherapy with cyclophosphamide, doxorubicin and cisplatin. Khanna 5; Kirwan P; Naftalin NJ; et al, (Clin Radiol), 37: 187, 1986

ultrasound case of the day, Sandler MA; Beute GH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM, (Radiographics), 6: 734, 1986

whole-body distribution of radioactivity after intraperitoneal administration of <sup>32</sup>P colloids, Boye E; Lindegaard MW; Paus E; et al. (Radiology), 154: 571, 1985

Ovary, radionuclide studies

I-123 radioiodinated antibody imaging of occult ovarian cancer, Epenetos AA; Shepherd J; Britton KE; et al, (Radiology), 156: 571, 1985

radionuclide imaging of epithelial ovarian tumours with <sup>12</sup>I-labelled monoclonal antibody (H317) specific for placental-type alkaline phosphatase, Critchley M; Brownless S; Patten M; et al, (Clin Radiol), 37: 107, 1986

ovarian malignancies: its value for chemotherapeutic distribution studies, Van Weelde BJG; Pauwels EKJ; Jones B; et al, (Radiology), 156: 285, 1985

Ovary, therapeutic radiology

failure patterns in gynecologic cancer, Brady LW: Perez CA: Bedwinek JM, (Int J Radiat Oncol Biol Phys), 12: 549, 1986

long-term follow-up and prognostic factors in ovarian carcinoma, Bjorkholm E; Pettersson F; Einhorn N; et al, (Radiology), 150: 871, 1984

ovarian cancer: challenge of local tumor Silan Calcel: challenge of local tallor control and its impact on survival, Sjovall K; Silfversward C; Einhorn N, (Int J Radiat Oncol Biol Phys), 12: 567, 1986

ovarian cancer: contribution of radiation therapy to patient management. Erskine Memorial Lecture, 1983, Bush RS, (Radiology), 153: 17, 1984

Ovary, US studies

assessment of follicular development by ultrasonography and total serum estrogen in human menopausal gonadotropinstimulated cycles, Dornbluth NC; Potter JL; Shepard MK; et al, (Radiology), 152: 865, 1984

benign cystic teratoma of the ovary, Karo JJ; Sandler MA, (Clin Diagn Ultrasound), 15: 47.1984

contribution of sonographic evaluation of ovarian size in patients with polycystic ovarian disease, Nicolini U; Ferrazzi E; ellotti M; et al, (J Ultrasound Med), 4: 347,

correlation of ultrasound and pathologic findings in patients with epithelial carcinoma of the ovary, Wicks JD; Mettler FA Jr; Hilgers RD; et al, (Radiology), 155: 862, 1985

cystic ovarian teratomas: sonographic appearance of the dermoid plug, Quinn SF; Erickson S; Black WC, (Radiology), 155: 477,

cystic ovaries in cystic fibrosis: an ultrasound, and autopsy study, Shawker TH; Hubbard VS; Reichert CM; et al, (Radiology), 152: 865, 1984

delayed regression of huge thea lutein cysts monitored by serial sonograms and β-HCG levels, Lupien C; Wagar H; Sauerbrei EE, (Radiology), 153: 859, 1984

inguinal ovaries in children demonstrated by high resolution real-time ultrasound, Goske MJ; Emmens RW; Rabinowitz R, (Radiology), 151: 635, 1984

malignant ovarian teratomas, Taylor CR; Taylor KJW, (Clin Diagn Ultrasound), **15**: 61, 1984

ovary volume in young and premenopausal adults: US determination. work in progress, Munn CS; Kiser LC; Wetzner SM; Baer JE, (Radiology), 159: 731, 1986

pelvic organs in premenarcheal girls: real-time ultrasonography, Orsini LF; Salardi S; Pilu G; Bovicelli L; Cacciari E, (Radiology),

153: 113, 1984
pituitary and ovarian abnormalities
demonstrated by CT and ultrasound in
children with features of the McCuneAlbright syndrome, Rieth KG; Comite F;
Shawker TH; Cutler GB Jr, (Radiology), 153:

389, 1984
polycystic ovarian disease: sonographic spectrum, Hann LE; Hall DA; McArdle CR; Seibel M, (Radiology), 150: 531, 1984
Polycystic ovarian disease: ultrasonic evaluation and correlations with clinical and

hormonal data, Parisi L; Tramonti M; Derchi LE; et al, (Radiology), 152: 866, 1984

pergnancy after percutaneous transvesical ultrasound-guided follicle aspiration for in-vitro fertilization, Ch. de Crespigny L; McBain JC; Gronow MJ; et al, (Radiology), 152: 865, 1984

role of ultrasound in the management of ovarian carcinoma, Khan O; Wiltshaw E; McCready VR; et al, (Radiology), 152: 267,

1984
significance of the postmenopausal simple adnexal cyst, Hall DA; McCarthy KA, (J Ultrasound Med), 5: 503, 1986
sonographic appearance of the hemorrhagic ovarian cyst in adolescents, Bass IS; Haller JO; Friedman AP; et al, (J Ultrasound Med), 3: 509, 1984
sonographic evaluation of normal and induced ovulation, Ritchie WGM, (Radiology), 161: 1, 1986

sonographic features of parovarian cysts and their complications, Alpern MB; Sandler MA; Madrazo BL, (AJR), 143: 157,

sonographic visualization of the normal postmenopausal ovary, Hall DA; McCarthy KA; Kopans DB, (J Ultrasound Med), 5: 9, 1986

Reynolds T; Hill MC; Glassman LM, (JCU), 14: 449, 1986

sonography of ovarian fibromas, Stephenson WM; Laing FC, (AJR), 144: 1239, 1985

torsion of the ovary: sonographic features, Graif M; Shalev J; Strauss S; et al, (AJR), 143: 1331, 1984

ultrasonically guided aspiration of human oocytes, Lenz S. (Radiology), 187: 287, 1985 ultrasonographic interpretation of the physiological changes in the female pelvis, Pupols AZ; Wilson SR, (Radiology), 153: 859, 1984

1984 ultrasonography of Turner's syndrome, Shawker TH; Garra BS; Loriaux DL; et al, (J Ultrasound Med), 5: 125, 1986 update on ultrasound in clinical management of infertility, Haning RV Jr; Zwiebel WJ, (Semin US CT MR), 6: 337, 1985

uterine adnexal torsion: sonographic findings, Warner MA; Fleischer AC; Edell SL; Thieme GA; Bundy AL; Kurtz AB; James AE Jr, (Radiology), **154**: 773, 1985 Ovary, varices

CT demonstration of ovarian varices, Radin DR; Ray MJ; Harrison E; et al, (JCAT), Oxalosis

primary oxalosis presenting as anuric renal failure in infancy: diagnosis by x-ray diffraction of kidney tissue, Gilboa N; Largent JA; Urizar RE, (Radiology), 151: 823, 1984

1984
small dense kidneys in a 7-year-old,
Martino CR; Pakter RL; Schultz CL; et al,
(Invest Radiol), 21: 76, 1986
vascular and soft tissue calcification in
systemic oxalosis: CT diagnosis,
Glickstein MF; Haggar AM; Coleman BG,
(JCAT), 10: 691, 1986

chest radiographic findings in neonates on extracorporeal membrane oxygenation, Hall JA Jr; Hartenberg MA; Kodroff MB, (Radiology), 157: 75, 1985

(Radiology), 157: 75, 1985
diffuse pulmonary opacification in infants
undergoing extracorporeal membrane
oxygenation: clinical and pathologic
correlation, Taylor GX; Lotze A; Kapur S;
Short BL, (Radiology), 161: 347, 1986
oxygen tension in human tumors: in vivo
mapping using CT-guided probes,
Gatenby RA; Coia LR; Richter MP; Katz H;
Moldofsky PJ; Engstrom P; Brown DQ;
Brookland R; Broder GJ, (Radiology), 156:
211, 1985

perfluorochemicals and hyperbaric oxygen in radiation therapy, Fischer JJ; Rockwell S; Martin DF, (Int J Radiat Oncol Biol Phys), 12: 95, 1986

P

**Pacemakers** 

See Heart, pacemakers

See reart, pacemakers
Pachydermoperiostosis
acro-osteolysis associated with hypertrophic
pulmonary osteoarthropathy and
pachydermoperiostosis, Joseph B; Chacko V,
(Radiology), 154: 343, 1985

Paget disease See Osteitis deformans

Palate

oral carcinoma of the upper jaw. results of radiation treatment, Shibuya H; Horiuchi JI; Suzuki S; et al., (Radiology), **156**: 572, 1985 velopharyngeal insufficiency on on videofluoroscopy: comparison of projections, Stringer DA; Witzel MA, (AJR), 146: 15, 1986

Palate, cleft

fetal face: ultrasound examination, Benacerraf BR; Frigoletto FD Jr; Bieber FR, (Radiology), 153: 495, 1984

sonographic features associated with cleft palate, Bundy AL; Saltzman DH; Emerson D; et al, (JCU), 14: 486, 1986

Palate, injuries

internal carotid artery thrombosis following soft palate injuries: case report and review of 16 cases, Hengerer AS; DeGroot TR; Rivers RJ Jr; et al, (Radiology), **157**: 572, 1985

Pancreas

common hepatic artery aneurysm: pseudopseudocyst of the pancreas, Shultz S; Druy EM; Friedman AC, (AJR), 144: 1287, 1985

Pancreas, abnormalities

pancreas divisum: congenital anatomic variant or anomaly? contribution of endoscopic retrograde dorsal pancreatography, Delhaye M; Engelholm L; Cremer M, (Radiology), **160**: 573, 1986

pancreas divisum with pancreatitis and pseudocyst, Gold RP; Berman H; Fakhry J; et al, (AJR), 143: 1343, 1984

pancreatic mumps: transient reaction to IV contrast media (case report), St. Amour TE; McClennan BL; Glazer HS, (AJR), 147: 188,

pancreatic tail pseudotumor—CT demonstration of an anatomic variation of the pancreatic tail responsible for abnormal finding on conventional radiographic and ultrasonographic abdominal examinations, Neumann CH; Buttner C, (Radiology), 151:

torsion of wandering spleen and distal pancreas, Sheflin JR; Lee CM; Kretchmar KA, (AJR), **142**: 100, 1984

Pancreas, abscess

ancreas, abscess
abdominal abscess drainage under radiologic
guidance: causes of failure, Lang EK;
Springer RM; Glorioso LW III;
Cammarata CA, (Radiology), 159: 329, 1986
complicated pancreatic inflammatory disease:
diagnostic and therapeutic role of
interventional radiology, vanSonnenberg E;
Wittich GR; Casola G; Stauffer AE;
Polansky AD; Coons HG; Cabrera OA;
Gerver PS, (Radiology), 155: 335, 1985
focal lesions of the pancreas. Koenigsberg P.

Gerver PS, (Radiology), 155: 335, 1985 focal lesions of the pancreas, Koenigsberg P, (Semin Roentgenol), 20: 3, 1985 pancreatic pseudocysts drained through a percutaneous transgastric approach, Kuligowska E; Olsen WL, (Radiology), 154: 79, 1985

Pancreas, anatomy anatomy of the perirenal area, McClennan BL; Lee JKT; Peterson RR, (Radiology), 158: 555, 1986

roson (measurement) of the pancreatic head, Pochhammer K-F; Szekessy T; Frentzel-Beyme B; et al, (Radiology), 155: 861, 1985

left-sided pancreas, Dunn GD; Gibson RN, (Radiology), 159: 713, 1986

Pancreas, angiography marked hypervascularity and early arteriovenous shunting with portal vein filling ir. chronic relapsing pancreatitis, Kitagawa K; Takashima T; Matsui O; et al, (Gastrointest Radiol), 11: 56, 1986

- solid and papillary epithelial neoplasm of the pancreas: radiographic, CT, sonographic, and angiographic features, Balthazar EJ; Subramanyam BR; Lefleur RS; Barone CM, (Radiology), 150: 39, 1984
- venous involvement in islet cell tumors of the pancreas, Bok EJ; Cho KJ; Williams DM; et al, (AJR), 142: 319, 1984

- ancreas, blopsy abdominal lesions: prospective study of clinical efficacy of percutaneous fine-needle biopsy, Bret PM; Fond A; Casola G; Bretagnolle M; Germain-Lacour MJ; Bret P; Labadie M; Buffard P, (Radiology), 159: 345,
- CT guided percutaneous fine-needle biopsy of the pancreas, Luning M; Kursawe R; Schopke W; et al, (Radiology), 158: 567, 1986
- cutaneous seeding of pancreatic carcinoma by fine-needle aspiration biopsy, Rashleigh-Belcher HJC; Russell RCG; Lees WR, (Br J Radiol) 59- 182 1986
- fine-needle aspiration biopsy: pancreatic and biliary tumors, Hall-Craggs MA; Lees WR, (AJR), 147: 399, 1986
- fine-needle aspiration biopsy via percutaneous transhepatic catheterization: technique and clinical results, Kuroda C; Yoshioka H; Tokunaga K; et al, (Gastrointest Radiol), 11: 81, 1986

### Pancreas, calcification

- chronic pancreatitis: ultrasonic features Alpern MB; Sandler MA; Kellman GM; Madrazo BL, (Radiology), **155**: 215, 1985
- medullary nephrocalcinosis and pancreatic calcifications demonstrated by ultrasound and CT in infants after treatment with ACTH, Rausch HP; Hanefeld F; Kaufmann HJ, (Radiology), 153: 105, 1984

## Pancreas, CT

- acute pancreatitis: prognostic value of CT, Balthazar EJ; Ranson JHC; Naidich DP; Megibow AJ; Caccavale R; Cooper MM, (Radiology), 156: 767, 1985
- computed tomographic findings in penetrating peptic ulcer, Madrazo BL; Halpert RD; Sandler MA; Pearlberg JL, (Radiology), **153**: 751, 1984
- computed tomography in the diagnosis of extramedullary plasmacytoma, Twomey BP; Katz D, (Radiology), 152: 561, 1984
- CT appearance of primary pancreatic lymphoma, Teefey SA; Stephens DH; Sheedy PF II, (Gastrointest Radiol), 11: 41, 1986
- CT evaluation of glucagonomas, Breatnach ES; Han SY; Rahatzad MT; et al, (JCAT), 9: 25,
- CT of pancreatic islet cell tumors, Stark DD; Moss AA; Goldberg HI; Deveney CW, (Radiology), **150**: 491, 1984
- demonstration of an angiographically hypovascular insulinoma with intraarterial dynamic CT. Fink IJ; Krudy AG; Shawker TH; et al. (AJR), 144: 555, 1985
- Shawker I ri; et al, (AJK), 144: 535, 1965
  "ductectatic" mucinous cystadenoma and
  cystadenocarcinoma of the pancreas, Itai Y;
  Ohhashi K; Nagai H; Murakami Y;
  Kokubo T; Makita K; Ohtomo K,
  (Radiology), 161: 697, 1986
- extrapancreatic spread of acute pancreatitis: new observations with real-time US, Jeffrey RB Jr; Laing FC; Wing VW, (Radiology), **159**: 707, 1986
- left-sided pancreas, Dunn GD; Gibson RN, (Radiology), **159**: 713, 1986
- localization of islet cell tumors by dynamic CT: comparison with plain CT, arteriography, sonography, and venous sampling, Krudy AG: Doppman JL; Jensen RT; et al, (AJR), 143: 585, 1984
- magnetic resonance and CT of the normal and diseased pancreas: a comparative study, Stark DD; Moss AA; Goldberg HI; Davis PL; Federle MP, (Radiology), **150**: 153, 1984
- metastatic disease to the pancreas: evaluation by computed tomography, Rumancik WM; Megibow AJ; Bosniak MA; et al, (Radiology), 155: 860, 1985
- new method for the diagnosis of acute hemorrhagic-necrotizing pancreatitis using contrast-enhanced CT, Kivisaari L; Somer K; Standertskjold-Nordenstam C-G; et al, (Radiology), 152: 861, 1984
- obstructive jaundice due to multiple myeloma of the pancreatic head: CT evaluation, Mitchell DG; Hill MC, (JCAT), 9: 1118, 1985

- pancreas imaging by computed tomography after endoscopic retrograde pancreatography, Frick MP; O'Leary JF; Salomonowitz E; Stoltenberg P; Hutton S; Gedgaudas E, (Radiology), 150: 191, 1984
- pancreatic imaging, Clark LR; Jaffe MH; Choyke PL; et al, (Radiol Clin North Am), 23: 489, 1985
- pancreatic insufficiency: role of CT evaluation, Shuman WP; Carter SJ; Montana MA; Mack LA; Moss AA, (Radiology), 158: 625,
- pancreatic necrosis: CT manifestations, White EM; Wittenberg J; Mueller PR; Simeone JF; Butch RJ; Warshaw AL; Neff CC; Nardi GL; Ferrucci JT Jr, (Radiology), 158: 343, 1986
- pancreatic neoplasia, White M; Wittenberg J, (Semin US CT MR), 5: 401, 1984
- pancreatic tail pseudotumor-CT demonstration of an anatomic variation of the pancreatic tail responsible for abnormal finding on conventional radiographic and ultrasonographic abdominal examinations, Neumann CH; Buttner C, (Radiology), 151:
- pancreatitis and its complications: computed tomography and sonography, Federle MP; Burke VD, (Semin US CT MR), 5: 414, 1984
- papillary carcinoma of the pancreas: findings of US and CT, Kim SY; Lim JH; Lee JD, (Radiology), **154**: 338, 1985
- pleomorphic carcinoma of the pancreas computed-tomographic, sonographic, and pathologic findings, Wolfman NT; Karstaedt N; Kawamoto EH, (Radiology),
- pseudoaneurysms complicating pancreatitis: detection by CT, Burke JW; Erickson SJ; Kellum CD; Tegtmeyer CJ; Williamson BRJ; Hansen MF, (Radiology), 161: 447, 1986
- radical pancreatectomy postoperative evaluation by CT, Heiken JP; Balfe DM; Picus D; Scharp DW, (Radiology), **153**: 211,
- renal fascial pathway: posterior extension of pancreatic effusions within the anterior pararenal space, Raptopoulos V; Kleinman PK, Marks S Jr. Snyder M; Silverman PM, (Radiology), **158**: 367, 1986
- solid and papillary epithelial neoplasm of the pancreas, Friedman AC; Lichtenstein JE; Fishman EK; Oertel JE; Dachman AH; Siegelman SS, (Radiology), 154: 333, 1985
- solid and papillary epithelial neoplasm of the pancreas: radiographic, CT, sonographic, and angiographic features, Balthazar EJ; Subramanyam BR; Lefleur RS; Barone CM, (Radiology), 150: 39, 1984
- ultrasound and CT in the assessment of suspected islet cell tumors of the pancreas, Gunther RW, (Semin US CT MR), 6: 261,
- value of computed tomography in traumatic pancreatitis in children, Ivanceb K; Kullendorff C-M, (Radiology), **152**: 851, 1984

## Pancreas, cysts

- computed tomography of pancreatic pseudocysts of the duodenum, McCowin MJ; Federle MP, (AJR), **145**: 1003,
- cystic insulinoma, Pogany AC; Kerlan RK Jr; Karam JH; et al, (AJR), 142: 951, 1984
- "ductectatic" mucinous cystadenoma and cystadenocarcinoma of the pancreas, Itai Y; Ohnashi K; Nagai H; Murakami Y; Kokubo T; Makita K; Ohtomo K, (Radiology), **161**: 697, 1986
- extrapancreatic spread of acute pancreatitis: new observations with real-time US, Jeffrey RB Jr; Laing FC; Wing VW, (Radiology), 159: 707, 1986
- hemorrhagir pancreatic fluid collections examined by ultrasound, Hashimoto BE; Laing FC; Jeffrey RB Jr; Federle MP, (Radiology), **150**: 803, 1984
- intraoperative sonography of perisplenic pseudocysts, Gooding GAW; Linkowski GD; Deveney C; et al, (AJR), **145**: 1013, 1985
- pancreatic cystosis in cystic fibrosis, Hernanz-Schulman M; Teele RL; Perez-Atayde A; Zollars L; Levine J; Black P; Kuligowska E, (Radiology), **158**: 629, 1986

- pancreatic pseudocyst of the mediastinum: evaluation by CT, Maier W; Roscher R; Malfertheiner P; et al, (Eur J Radiol), 6: 70,
- pancreatic pseudocysts drained through a percutaneous transgastric approach, Kuligowska E; Olsen WL, (Radiology), **154**: 79, 1985
- percutaneous drainage of infected pancreatic pseudocysts, Gerzof SG; Johnson WC; Robbins AH; et al, (Radiology), **155**: 275,
- percutaneous gastrocystostomy: a new approach to pancreatic pseudocyst drainage, Bernardino ME; Amerson JR, (AJR), 143: 1096, 1984
- percutaneous transgastric drainage for pancreatic pseudocyst, Ho CS; Taylor B, (AJR), 143: 623, 1984
- syndromes of pancreatic pseudocysts and fluid collections, Segal I; Epstein B; Lawson HH; et al, (Radiology), 154: 270, 1985
- ultrasonographic features of hydatid cyst of the pancreas. report of 2 cases, Zakari S; Ajani A; Dhobb OH; et al, (Radiology), 156: 266, 1985

#### Pancreas, diseases

- CT findings in biliary and pancreatic ascariasis, Radin DR; Vachon LA, (JCAT), 10: 508, 1986
- diagnostic approach to the patient with chronic pancreatic disease and suspected pancreatic carcinoma, Greenberger NJ, (Radiology), 152: 840, 1984
- focal lesions of the pancreas, Koenigsberg P, (Semin Roentgenol), 20: 3, 1985
- lipomatosis of the pancreas: mistake in diagnostic imaging, Bock E; Grandinetti F; Corcioni E; et al, (JCU), 14: 398, 1986
- magnetic resonance (MR) in the diagnosis of pancreatic disease, Anacker H; Rupp N; Reiser M, (Radiology), 158: 286, 1986
- pancreas imaging by computed tomography after endoscopic retrograde pancreatography, Frick MP; O'Leary JF; Salomonowitz E; Stoltenberg P; Hutton S; Gedgaudas E, (Radiology), 150: 191, 1984
- pancreatic cystosis in cystic fibrosis, Hernanz-Schulman M; Teele RL; Perez-Atayde A; Zollars L; Levine J; Black P; Kuligowska E, (Radiology), 158: 629, 1986
- pancreatic insufficiency: role of CT evaluation, Shuman WP; Carter SJ; Montana MA; Mack LA; Moss AA, (Radiology), 158: 625,
- pancreatic necrosis: CT manifestations, White EM; Wittenberg J; Mueller PR; Simeone JF; Butch RJ; Warshaw AL; Neff CC; Nardi GL; Ferrucci JT Jr, (Radiology), 158: 343, 1986
- (Adulology), 136: 343, 1760
  sonographic examination of gallbladder
  kinetics in childhood—a comparison
  between healthy children and
  mucoviscidosis patients, Klingmuller V;
  Abiodun P; Baumgarten K, (Radiology), 150:
  200, 108: 290, 1984

## Pancreas, ectopic

gastric polyps: radiological evaluation and clinical significance, Feczko PJ; Halpert RD; Ackerman LV, (Radiology), 155: 581, 1985

## Pancreas, hemorrhage

- hemorrhagic pancreatic fluid collections examined by ultrasound, Hashimoto BE; Laing FC; Jeffrey RB Jr; Federle MP, (Radiology), 150: 803, 1984
- major gastrointestinal hemorrhage from peripancreatic blood vessels in pancreatitis. treatment by embolotherapy, Stuckman ML; Dooley MC; Jacques PF; et al, (Radiology), 154: 559, 1985
- pancreatic and peripancreatic vessels: embolization for control of bleeding in pancreatitis, Vujic I; Andersen BL; Stanley JH; Gobien RP, (Radiology), 150: 51,

### Pancreas, inflammation See Pancreatitis

## Pancreas, injuries

ultrasound in acute pancreatic trauma, Jeffrey RB Jr; Laing FC; Wing VW, (Gastrointest Radiol), 11: 44, 1986

## Pancreas, insufficiency

pancreatic insufficiency: role of CT evaluation, Shuman WP; Carter SJ; Montana MA; Mack LA; Moss AA, (Radiology), 158: 625,

## Pancreas, MR studies

- magnetic resonance and CT of the normal and diseased pancreas: a comparative study, Stark DD; Moss AA; Goldberg HI; Davis PL; Federle MP, (Radiology), 150: 153, 1984
- magnetic resonance imaging of the pancreas, Stark DD; Moss AA, (Semin US CT MR), 5:
- magnetic resonance imaging of the pancreas, Haaga JR, (Radiol Clin North Am), 22: 869, 1984
- magnetic resonance (MR) in the diagnosis of pancreatic disease, Anacker H; Rupp N; Reiser M, (Radiology), 158: 286, 1986
- nuclear magnetic resonance imaging of the liver and pancreas, Davis PL; Moss AA; Goldberg HI; et al, (Radiographics), 4: 159,
- nuclear magnetic resonance of the liver, spleen, and pancreas, Stark DD; Moss AA; Goldberg HI, (Cardiovasc Intervent Radiol), 8: 329, 1986
- pancreatic imaging, Clark LR; Jaffe MH; Choyke PL; et al, (Radiol Clin North Am), 23: 489, 1985
- surface coil MR imaging of abdominal viscera. III. the pancreas, Simeone JF; Edelman RR; Stark DD; Wittenberg J; White EM; Butch RJ; Mueller PR; Brady TJ; Ferrucci JT Jr, (Radiology), 157: 437, 1985

#### Pancreas, neoplasms

- abdominal lesions: prospective study of clinical efficacy of percutaneous fine-needle biopsy, Bret PM; Fond A; Casola G; Bretagnolle M; Germain-Lacour MJ; Bret P; Labadie M; Buffard P, (Radiology), 159: 345, 1986.
- angiographic appearances of islet cell tumours of the pancreas, Puvaneswary M; Afzal M, (Radiology), **158**: 858, 1986
- carcinoma of the head of the pancreas: therapeutic implications of endoscopic retrograde cholangiopancreatography findings, Nix GAJJ; Schmitz PIM; Wilson JHP; et al. (Radiology), 156: 563, 1985
- cholecystoduodenal fistula due to pancreatic carcinoma: CT diagnosis, Radin DR; Santiago EM, (JCAT), 10: 149, 1986
- comparison of CT and angiography in assessing resectability of pancreatic carcinoma, Jafri SZH; Aisen AM; Glazer GM; et al, (AJR), 142: 525, 1984
- CT appearance of primary pancreatic lymphoma, Teefey SA; Stephens DH; Sheedy PF II, (Gastrointest Radiol), 11: 41,
- CT evaluation of glucagonomas, Breatnach ES; Han SY; Rahatzad MT; et al, (JCAT), 9: 25,
- CT features of nonfunctioning islet cell carcinoma, Eelkema EA; Stephens DH; Ward EM; et al, (AJR), 143: 943, 1984
- CT of functioning tumors of the pancreas, Rossi P; Baert AL; Passariello R; et al, (AJR),
- CT of pancreatic islet cell tumors, Stark DD; Moss AA; Goldberg HI; Deveney CW, (Radiology), **150**: 491, 1984
- cutaneous seeding of pancreatic carcinoma by fine-needle aspiration biopsy, Rashleigh-Belcher HJC; Russell RCG; Lees WR, (Br J Radiol), 59: 182, 1986
- cystic insulinoma, Pogany AC; Kerlan RK Jr; Karam JH; et al, (AJR), 142: 951, 1984
- cystic lymphangioma of the pancreas: CT demonstration, Pandolfo I; Scribano E; Gaeta M; et al, (JCAT), 9: 209, 1985
- demonstration of an angiographically hypovascular insulinoma with intraarterial dynamic CT, Fink IJ; Krudy AG; Shawker TH; et al, (AJR), **144**: 555, 1985
- Glawker III, et al., (AJR), 144: 353, 1969
  "ductectatic" mucinous cystadenoma and
  cystadenocarcinoma of the pancreas, Itai Y;
  Ohhashi K; Nagai H; Murakami Y;
  Kokubo T; Makita K; Ohtomo K,
  (Radiology), 161: 697, 1986
- ectopic gastrinoma and Zollinger-Ellison syndrome, Bhagavan BS; Slavin RE; Goldbert J; et al, (Radiology), 161: 858, 1986
- esophageal involvement in Zollinger-Ellison syndrome, Agha FP, (AJR), 144: 721, 1985
- failure of new diagnostic aids in improving detection of pancreatic cancer at a resectable stage, Savarin oV; Mansi C; Bistolfi L; et al, (Radiology), 152: 840, 1984

- focal lesions of the pancreas, Koenigsberg P, (Semin Roentgenol), 20: 3, 1985
- (Semin Roentgenol), 20: 3, 1985 inflammatory pancreatic masses: problems in differentiating focal pancreatitis from carcinoma, Neff CC, Simeone JF; Wittenberg J; Mueller PR; Ferrucci JT Jr, (Radiology), 150: 35, 1984 intraoperative real-time ultrasonographic localization of pancreatic insulinoma: initial experience, Charboneau JW; James EM; Van Heerden JA; et al., (Radiology), 151: 833, 1984
- localization of islet cell tumors by dynamic CT: comparison with plain CT, arteriography, sonography, and venous sampling, Krudy AG; Doppman JL; Jensen RT; et al, (AJR), 143: 585, 1984
- malignant insulinoma: the problems of tumour localization and management, Svensson LG; Wellsted M, (Radiology), 150:
- MEN I syndrome and islet cell lesions of the pancreas, Dodds WJ; Wilson SD; Thorsen MK; et al, (Semin Roentgenol), 20:
- metastatic disease to the pancreas: evaluation by computed tomography, Rumancik WM; Megibow AJ; Bosniak MA; et al, (Radiology), 155: 860, 1985
- nature and course of cystic pancreatic lesions diagnosed by ultrasound, Aranha GV; Prinz RA; Esguerra AC; et al, (Radiology), 150: 301, 1984
- pancreas imaging by computed tomography after endoscopic retrograde pancreatography. Frick MP; O'Leary JF; Salomonowitz E; Stoltenberg P; Hutton S; Gedgaudas E, (Radiology), 150: 191, 1984 pancreatic acinar cell carcinoma with
- subcutaneous and intraosseous fat necrosis subcutaneous and intraosseous fat necrosii Radin DR; Colletti PM; Forrester DM; Tang WW, (Radiology), 158: 67, 1986 pancreatic imaging, Clark LR; Jaffe MH; Choyke PL; et al., (Radiol Clin North Am), 23: 489, 1985
- Pancreatic metastases in bone sarcomas: CT demonstration, Rubin E; Dunham WK; Stanley RJ, (JCAT), 9: 886, 1985 pancreatic metastases: US evaluation,
- Wernecke K; Peters PE; Galanski M, (Radiology), 160: 399, 1986
- pancreatic neoplasia, White M; Wittenberg J, (Semin US CT MR), 5: 401, 1984
- (semin US CT MR), 5: 401, 1984
  papillary carcinoma of the pancreas: findings
  of US and CT, Kim SY; Lim JH; Lee JD,
  (Radiology), 154: 338, 1985
  percutaneous biliary drainage with an enteric
  feeding tube, Sibbitt RR: Palmaz JC;
  Caplan RE; Page CP; Garcia F, (Radiology),
  157: 819, 1985
- pleomorphic carcinoma of the pancreas: computed-tomographic, sonographic, and pathologic findings, Wolfman NT; Karstaedt N; Kawamoto EH, (Radiology), 154: 329, 1985
- radical pancreatectomy postoperative evaluation by CT, Heiken JP; Balfe DM; Picus D; Scharp DW, (Radiology), 153: 211,
- radiogallium hot spleen in Trousseau's syndrome with splenic vein occlusion, Dey HM; Karimeddini MK; Ciesielski TE: et al. (Clin Nucl Med) ielski TE; et al, (Clin Nucl Med), 11: 640,
- rapid intraabdominal spread of pancreatic cancer, Weiss SM; Skibber JM; Mohiuddin M; et al, (Radiology), **157**: 849,
- 1985
  routine preoperative biliary drainage: effect
  on management of obstructive jaundice,
  Gobien RP; Stanley JH; Soucek CD;
  Anderson MC; Vujic I; Gobien BS,
  (Radiology), 152: 353, 1984
  solid and papillary epithelial neoplasm of the
  pancreas, Friedman AC; Lichtenstein JE;
  Fishman EK; Oertel JE; Dachman AH;
  Siegelman SS, (Radiology), 154: 333, 1985
  solid and papillary epithelial neoplasm of the
  pancreas: radiographic, CT, sonographic,

- solid and papillary epithelial neoplasm of the pancreas: radiographic, CT, sonographic, and angiographic features, Balthazar EJ; Subramanyam BR; Lefleur RS; Barone CM, (Radiology), 150: 39, 1984 sonographically guided and surgical alcohol injection of the coeliacal ganglion for intractable upper abdominal pain through malignomas, Greiner L; Ulatowski L; Prohm P, (Radiology), 150: 298, 1984 sonographic examination of the mediastinum
- sonographic examination of the mediastinum and upper abdomen by fiberoptic gastroscope, Rifkin MD; Gordon SJ; Goldberg BB, (Radiology), 151: 175, 1984

- spectrum of sonographic findings in pancreatic carcinoma, Shawker TH; Garra BS; Hill MC; et al, (J Ultrasound Med),
- s: 109, 1900
  surface coil MR imaging of abdominal viscera.
  III. the pancreas, Simeone JF; Edelman RR;
  Stark DD; Wittenberg, J; White EM; Butch RJ;
  Mueller PR; Brady TJ; Ferrucci JT Jr,
  (Radiology), 157: 437, 1985
  ultrasound and CT in the assessment of
- suspected islet cell tumors of the pancreas, Gunther RW, (Semin US CT MR), 6: 261,
- value of ultrasonographic examination combined with measurement of serum tuor markers in the diagnosis of pancreatic cancer of less than 3 cm in diameter, lishi H; Yamamura H; Tatsuta M; et al, (Radiology), 161: 573, 1986
- venous involvement in islet cell tumors of the pancreas, Bok EJ; Cho KJ; Williams DM; et al, (AJR), 142: 319, 1984

## Pancreas, percutaneous drainage

- complicated pancreatic inflammatory disease: diagnostic and therapeutic role of interventional radiology, vanSonnenberg E, Wittich GR; Casola G; Stauffer AE; Polansky AD; Coons HG; Cabrera OA; Gerver PS, (Radiology), 155: 335, 1985
- percutaneous drainage of infected pancreatic pseudocysts, Gerzof SG; Johnson WC; Robbins AH; et al, (Radiology), 155: 275,
- percutaneous gastrocystostomy: a new approach to pancreatic pseudocyst drainage, Bernardino ME; Amerson JR, (AJR), 143:
- percutaneous transgastric drainage for pancreatic pseudocyst, Ho CS; Taylor B, (AJR), 143: 623, 1984
- transgastric drainage of pancreatic fluid collections, Nunez D Jr; Yrizarry JM; Russell E; et al, (AJR), 145: 815, 1985

## Pancreas, radiography

- "ductectatic" mucinous cystadenoma and cystadenocarcinoma of the pancreas, Itai Y; Ohhashi K; Nagai H; Murakami Y; Kokubo T; Makita K; Ohtomo K, (Radiology), 161: 697, 1986
- inflammatory pancreatic masses: problems in differentiating focal pancreatitis from carcinoma, Neff CC; Simeone JF; Wittenberg J; Mueller PR; Ferrucci JT Jr, (Radiology), 150: 35, 1984
- pancreas. guide to diagnostic imaging. volume 3, Kovac A; Kozarek R, Reviewed by Griffiths HJ, (Radiology), 151: 314, 1984
- preoperative percutaneous pancreatography under real-time sonographic guidance, Manco LG; Short WF, (Radiology), 155: 861,
- ultrasonically guided percutaneous pancreatography, Matter D; Spinelli G; Warter P, (Radiology), 152: 266, 1984

## Pancreas, radionuclide studies

indium-111 autologous leukocyte imaging in pancreatitis, Anderson JR; Spence RAJ; Laird JD; et al, (J Nucl Med), 27: 345, 1986

## Pancreas, surgery

radical pancreatectomy postoperative evaluation by CT, Heiken JP; Balfe DM; Picus D; Scharp DW, (Radiology), **153**: 211,

## Pancreas, transplantation

technetium-99m sulfur colloid imaging of vascular thrombosis in pancreaticosplenic transplant, Grassi (5); Lee RGL; Hill TC; et al, (Clin Nucl Med), 11: 558, 1986

## Pancreas, US studies

- ancreas, US studies
  chronic pancreatitis: the diagnostic
  significance of pancreatic size and echo
  amplitude, Shawker TH; Linzer M;
  Hubbard VS, (Radiology), 154: 568, 1985
  chronic pancreatitis: ultrasonic features,
  Alpern MB; Sandler MA; Kellman GM;
  Madrazo BL, (Radiology), 155: 215, 1985
  cranica auda d dimension (measurement) of
- craniocaudad dimension (measurement) of the pancreatic head, Pochhammer K-F; Szekessy T; Frentzel-Beyme B; et al, (Radiology), 155: 861, 1985
- diurnal sonographic imaging of the pancreas, Szekessy T; Pochhammer K-F, (Radiology), 158: 567, 1986
- ductectatic mucinous cystadenoma and cystadenocarcinoma of the pancreas, Itai Y; Ohhashi K; Nagai H; Murakami Y; Kokubo T; Makita K; Ohtomo K, (Radiology), 161: 697, 1986

- evaluation of the pancreatic duct: a reappraisal based on a retrospective correlative study by sonography and pancreatography in 117 normal and pathologic subjects, Didier D; Deschamps JP; Rohmer P; et al, (Radiology), 152: 266, 1984
- extrapancreatic spread of acute pancreatitis: new observations with real-time US, Jeffrey RB Jr; Laing FC; Wing VW, (Radiology), **159**: 707, 1986
- focal lesions of the pancreas, Koenigsberg P, (Semin Roentgenol), 20: 3, 1985
- groove pancreatitis. pathological anatomy and sonographic findings, Seitz K; Rettenmaier G; Stolte M, (Radiology), **158**: 567, 1986
- hepatic artery pseudoaneurysm: diagnosis with real-time and pulsed Doppler US, Falkoff GE; Taylor KJW; Morse SS, (Radiology), 158: 55, 1986
- importance of sonographic follow-up in acute pancreatitis, Scholmerich J; Volk BA; Grunholz J; et al, (Radiology), **150**: 301, 1984
- intraoperative real-time ultrasonographic localization of pancreatic insulinoma: initial experience, Charboneau JW; James EM; Van Heerden JA; et al, (Radiology), 151: 833, 1984
- intraoperative sonography of the pancreas, Smith SJ; Vogelzang RL; Donovan J; et al, (AJR), 144: 557, 1985
- left-sided pancreas, Dunn GD; Gibson RN, (Radiology), **159**: 713, 1986
- nature and course of cystic pancreatic lesions diagnosed by ultrasound, Aranha GV; Prinz RA; Esguerra AC; et al, (Radiology), 150: 301, 1984
- operative sonography of the biliary tree and pancreas, Sigel B; Machi J; Anderson KW III; et al, (Semin US CT MR), 6: 2, 1985
- pancreas, Taylor KJW; Taylor CR, (Clin Diagn Ultrasound), 14: 299, 1984
- pancreatic imaging, Clark LR; Jaffe MH; Choyke PL; et al, (Radiol Clin North Am), 23: 489, 1985
- pancreatic metastases: US evaluation, Wernecke K; Peters PE; Galanski M, (Radiology), **160**: 399, 1986
- pancreatic neoplasia, White M; Wittenberg J, (Semin US CT MR), 5: 401, 1984
- pancreatic pseudomass caused by the second portion of the duodenum: pitfall during water-aided sonography (technical note), Op den Orth JO, (AJR), 147: 281, 1986
- pancreatic sonography: enhancement by metoclopramide, duCret RP; Jackson VP; Rees C; et al, (AJR), 146: 341, 1986
- pancreatitis and its complications: computed tomography and sonography, Federle MP; Burke VD, (Semin US CT MR), 5: 414, 1984
- papillary carcinoma of the pancreas: findings of US and CT, Kim SY; Lim JH; Lee JD, (Radiology), 154: 338, 1985
- pleomorphic carcinoma of the pancreas: computed-tomographic, sonographic, and pathologic findings, Wolfman NT; Karstaedt N; Kawamoto EH, (Radiology), 154: 329, 1985
- prepancreatic fat deposition: possible pitfall in pancreatic sonography, Op den Orth JO, (AJR), 146: 1017, 1986
- pseudoaneurysms complicating pancreatitis: detection by CT, Burke JW; Erickson SJ; Kellum CD; Tegtmeyer CJ; Williamson BRJ; Hansen MF, (Radiology), 161: 447, 1986
- solid and papillary epithelial neoplasm of the pancreas, Friedman AC; Lichtenstein JE; Fishman EK; Oertel JE; Dachman AH; Siegelman SS, (Radiology), 154: 333, 1985
- solid and papillary epithelial neoplasm of the pancreas: radiographic, CT, sonographic, and angiographic features, Balthazar EJ; Subramanyam BR; Lefleur RS; Barone CM, (Radiology), 150: 39, 1984
- sonographic appearance of the pancreatic duct following transampullary septectomy, Braver JM; Jones TB; Brooks JR, (J Ultrasound Med), 5: 459, 1986
- sonographic visualization of the pancreatic duct before and after secretin stimulation: aid in diagnosis of chronic pancreatitis, Glaser J. Esser W. Holtmannspotter K, (Radiology), 157: 862, 1985

- spectrum of sonographic findings in pancreatic carcinoma, Shawker TH; Garra BS; Hill MC; et al, (J Ultrasound Med), 5: 169, 1986
- tubeless hypotonic duodenography with water: simple aid in sonography of the pancreatic head, Op den Orth JO, (Radiology), **154**: 826, 1985
- ultrasonography of the pancreas, liver, and biliary system in cystic fibrosis, Wilson-Sharp RC; Irving HC; Brown RC; et al, (Radiology), 155: 861, 1985
- ultrasonography of the pancreatic tail through spleen and through fluid-filled stomach, Paivansalo M; Suramo I, (Eur J Radiol), 6: 113, 1986
- ultrasound and CT in the assessment of suspected islet cell tumors of the pancreas Gunther RW, (Semin US CT MR), 6: 261, 1985
- ultrasound imaging: liver, spleen, pancreas, Cosgrove DO; McCready VR, Reviewed by Smith EH, (Radiology), 153: 502, 1984
- ultrasound in acute pancreatic trauma, Jeffrey RB Jr; Laing FC; Wing VW, (Gastrointest Radiol), 11: 44, 1986
- value of ultrasonographic examination combined with measurement of serum tuor markers in the diagnosis of pancreatic cancer of less than 3 cm in diameter, lishi H; Yamamura H; Tatsuta M; et al, (Radiology), 161: 573, 1986

## Pancreatic ducts

chronic pancreatitis: ultrasonic features, Alpern MB; Sandler MA; Kellman GM; Madrazo BL, (Radiology), 155: 215, 1985

#### Pancreatitis

- acute pancreatitis associated with end-stage renal disease, Van Dyke JA; Rutsky EA; Stanley RJ, (Radiology), **160**: 403, 1986
- acute pancreatitis following endoscopic retrograde cholangiopancreatography, Hamilton I; Lintott D); Rothwell J; et al, (Radiology), 151: 819, 1984
- acute pancreatitis in obstructive jaundice following combined internal and external percutaneous transhepatic duct drainage (PTBD), Luska G, Poser H, (Radiology), 150: 857, 1984
- acute pancreatitis: prognostic value of CT, Balthazar EJ; Ranson JHC; Naidich DP; Megibow AJ; Caccavale R; Cooper MM, (Radiology), 156: 767, 1985
- bilateral pararenal calcifications resulting from pancreatitis, Baker DE; Glazer GM, (AJR), 143: 51, 1984
- chronic pancreatitis: ultrasonic features, Alpern MB; Sandler MA; Kellman GM; Madrazo BL, (Radiology), **155**: 215, 1985
- chronic relapsing pancreatitis in childhood, Ghishan FK; Greene HL; Avant GR; et al, (Radiology), **150**: 290, 1984
- complicated pancreatic inflammatory disease: diagnostic and therapeutic role of interventional radiology, vanSonnenberg E; Wittich GR; Casola G; Stauffer AE; Polansky AD; Coons HG; Cabrera OA; Gerver PS, (Radiology), 155: 335, 1985
- computed tomographic findings in penetrating peptic ulcer, Madrazo BL; Halpert RD; Sandler MA; Pearlberg JL, (Radiology), 153: 751, 1984
- contrast-enhanced computed tomography of the gallbladder in acute pancreatitis, Somer K; Kivisaari L; Standertskjold-Nordenstam C-G; et al, (Radiology), 152: 861. 1984
- diagnostic approach to the patient with chronic pancreatic disease and suspected pancreatic carcinoma, Greenberger NJ, (Radiology), 152: 840, 1984
- extrapancreatic spread of acute pancreatitis: new observations with real-time US, Jeffrey RB Jr, Laing FC; Wing VW, (Radiology), 159: 707, 1986
- fluid collections in the intraperitoneal and extraperitoneal spaces: comparison of MR and CT, Cohen JM; Weinreb JC; Maravilla KR, (Radiology), 155: 705, 1985
- focal lesions of the pancreas, Koenigsberg P, (Semin Roentgenol), 20: 3, 1985 groove pancreatitis. pathological anatomy and sonographic findings, Seitz K; Rettenmaier G; Stolte M, (Radiology), 158:
- haematoma in the transverse mesocolon secondary to acute pancreatitis, Epstein BM; Tanne D, (Radiology), **150**: 296, 1984

- hemorrhagic pancreatic fluid collections examined by ultrasound, Hashimoto BE; Laing FC; Jeffrey RB Jr; Federle MP, (Radiology), 150: 803, 1984
- hepatic artery pseudoaneurysm: diagnosis with real-time and pulsed Doppler US, Falkoff GE; Taylor KJW; Morse SS, (Radiology), 158: 55, 1986
- immediate effects of retrograde pancreatography on the pancreas, Kivisaari L; Alitalo I, (Radiology), 153: 267,
- importance of sonographic follow-up in acute pancreatitis, Scholmerich J; Volk BA; Grunholz J; et al, (Radiology), **150**: 301, 1984
- indium-111 autologous leukocyte imaging in pancreatitis, Anderson JR; Spence RAJ; Laird JD; et al, (J Nucl Med), 27: 345, 1986
- inflammatory pancreatic masses; problems in differentiating focal pancreatitis from carcinoma, Neff CC; Simeone JF; Wittenberg J; Mueller PR; Ferrucci JT Jr, (Radiology), 150: 35, 1984
- major gastrointestinal hemorrhage from peripancreatic blood vessels in pancreatitis. treatment by embolotherapy, Stuckman ML; Dooley MC; Jacques PF; et al, (Radiology), 154: 559, 1985
- marked hypervascularity and early arteriovenous shunting with portal vein filling in chronic relapsing pancreatitis, Kitagawa K; Takashima T; Matsui O; et al, (Gastrointest Radiol), 11: 56, 1986
- new method for the diagnosis of acute hemorrhagic-necrotizing pancreatitis using contrast-enhanced CT, Kivisaari L; Somer K; Standertskjold-Nordenstam C-G; et al, (Radiology), 152: 861, 1984
- nitrofurantoin-induced pancreatitis: report of a case, Nelis GF, (Radiology), 151: 260, 1984
- pancreas divisum: congenital anatomic variant or anomaly? contribution of endoscopic retrograde dorsal pancreatography, Delhaye M; Engelholm L; Cremer M, (Radiology), 160: 573, 1986
- pancreatic and peripancreatic vessels: embolization for control of bleeding in pancreatitis, Vujic I; Andersen BL; Stanley JH; Gobien RP, (Radiology), **150**: 51, 1984
- pancreatic imaging, Clark LR; Jaffe MH; Choyke PL; et al, (Radiol Clin North Am), 23: 489, 1985
- pancreatic necrosis: CT manifestations, White EM; Wittenberg J; Mueller PR; Simeone JF; Butch RJ; Warshaw AL; Neff CC; Nardi GL; Ferrucci JT Jr, (Radiology), 158: 343, 1986
- pancreatic pseudocysts drained through a percutaneous transgastric approach, Kuligowska E; Olsen WL, (Radiology), 154: 79, 1985
- pancreatitis and its complications: computed tomography and sonography, Federle MP; Burke VD, (Semin US CT MR), 5: 414, 1984
- pararenal space hyperechogenicity in childhood pancreatitis, Swischuk LE; Hayden CK Jr, (AJR), **145**: 1085, 1985
- post-ERCP pancreatitis: association with urographic visualization during ERCP, Roszler MH; Campbell WL, (Radiology), 157: 595, 1985
- prevalence of normal serum amylase levels in patients with acute alcoholic pancreatitis, Spechler SJ; Dalton [W; Robbins AH; et al, (Radiology), 152: 250, 1984
- prevalent and natural history of distal common bile duct stenosis in alcoholic pancreatitis, Petrozza JA; Dutta SK; Latham PA; et al, (Radiology), 155: 850, 1985
- pseudoaneurysms complicating pancreatitis: detection by CT, Burke [W; Erickson S]; Kellum CD; Tegtmeyer C]; Williamson BR]; Hansen MF, (Radiology), 161: 447, 1986
- pseudotumorous pancreatitis, Lammer J; Herlinger H; Zalaudek G; et al, (Radiology), 156: 856, 1985
- pulmonary involvement in chronic pancreatitis, Masoero G; Sinaci S; Arossa W; et al, (Radiology), 155: 848, 1985
- radical pancreatectomy postoperative evaluation by CT, Heiken JP; Balfe DM; Picus D; Scharp DW, (Radiology), 153: 211, 1984

relapsing pancreatitis associated with duodenal wall cysts. diagnostic approach and treatment, Holstege A; Barner 5; Brambs HF; et al, (Radiology), 157; 280, 1985

renal fascial pathway: posterior extension of pancreatic effusions within the anterior pararenal space, Raptopoulos V; Kleinman PK; Marks S Jr; Snyder M; Silverman PM, (Radiology), 158: 367, 1986

sonographic visualization of the pancreatic duct before and after secretin stimulation: aid in diagnosis of chronic pancreatitis, Glaser J. Esser W. Holtmannspotter K, (Radiology), 157: 862, 1985

surface coil MR imaging of abdominal viscera. III. the pancreas, Simeone JF; Edelman RR; Stark DD; Wittenberg J; White EM; Butch RJ; Mueller PR; Brady TJ; Ferrucci JT Jr, (Radiology), 157: 437, 1985

syndromes of pancreatic pseudocysts and fluid collections, Segal I; Epstein B; Lawson HH; et al, (Radiology), **154**: 270,

ultrasonically guided percutaneous pancreatography, Matter D; Spinelli G; Warter P, (Radiology), **152**: 266, 1984

ultrasonographic findings in peptic ulcer disease and pancreatitis that simulate primary gallbladder disease, Nyberg DA; Laing FC, (Radiology), 151: 833, 1984

Lating TC., (Radiology), 133, 505, 1204
use of endoscopic retrograde
choledochopancreatography (ERCP) in the
diagnosis of internal fistulae complicating
severe acute pancreatitis, McLatchie GR;
Meek D; Imrie CW, (Radiology), 157: 849,

value of computed tomography in traumatic pancreatitis in children, Ivanceb K; Kullendorff C-M, (Radiology), **152**: 851, 1984

## Pancreatography

See Pancreas, radiography

### Papilledema

thoracic disk herniation associated with papilledema. case report, Michowiz SD; Rappaport HZ; Shaked I; et al, (Radiology), 157: 572, 1985

## Papilloma

inverted papilloma: considerations in treatment, Woodson GE; Robbins KT; Michaels L, (Radiology), 161: 863, 1986

inverted papilloma in a 10-year-old boy, Stanley RJ; Kelly JA; Matta II; et al, (Radiology), **157**: 857, 1985

inverted papilloma of the nose and paranasal sinuses in childhood and adolescence, Eavey RD, (Radiology), 157: 857, 1985

pulmonary manifestations of juvenile laryngotracheal papillomatosis, Kramer SS; Wehunt WD; Stocker JT; et al, (AJR), 144:

transitional cell papilloma of the bladder, Williams JL; Cumming WA; Walker RD III; et al, (Pediatr Radiol), **16**: 322, 1986

unusual anatomic presentations of inverted papilloma, Astor FC; Donegan O; Gluckman JL, (Radiology), **157**: 857, 1985

computed tomography of the carotid space and related cervical spaces, part II. neurogenic tumors, Silver AJ; Mawad ME; Hilal SK; Ascherl GF Jr; Chynn KY; Baredes S, (Radiology), 150: 729, 1984

general case of the day: annual meeting, 1985, Muhm JR, (Radiographics), 6: 914, 1986

high-resolution CT in the evaluation of glomus tumors of the temporal bone, Lo WWM; Solti-Bohman LG; Lambert PR, (Radiology), **150**: 737, 1984

preoperative embolization of the head and neck: indications, patient selection, goals, and precautions, Valavanis A, (AJNR), 7: 943, 1986

## **Paragonimiasis**

paragonimiasis in Indochinese refugees. roentgenographic findings with clinical correlations, Johnson RJ; Johnson JR, (Radiology), 151: 543, 1984

chronic isolated abducens paresis from tumors at the base of the brain, Currie J; Lubin JH; Lessell S, (Radiology), 150: 292, 1984

hemiparesis caused by vertebral artery compression of the medulla oblongata, Kim P; Ishijima B; Takahashi H; et al, (Radiology), 158: 284, 1986

milk-of-calcium hydronephrosis in patients with paraplegia and urinary-enteric diversion: CT demonstration, Sussman SK; Goldberg RP; Griscom NT, (JCAT), 10: 257,

neuro-Behcet's disease with alternating hemiparesis, Kuroiwa Y; Tohgi H; Kanayama H; et al, (Neuroradiol), 28: 284,

trabecular bone mineral density measurement in vivo: use of the ratio of coherent to Compton-scattered photons in the calcaneus, Shukla S5; Leichter I; Karellas A; Craven JD; Greenfield MA, (Radiology), 158: 695, 1986

695, 1986
ultrasound monitoring of diaphragm activity
in bilateral diaphragmatic paralysis,
Ambler R; Gruenewald S; John E,
(Radiology), 187: 570, 1985
unilateral diaphragmatic paralysis due to
contralateral pleural drainage tube,
Vallegjos E; Avila R; Lopez-Morales L; et al,
(Radiology), 155: 854, 1985

#### Paranasal sinuses

Acute sinusitis mimicking antrochoanal polyp, Nino-Murcia M; Rao VM; Mikaelian DO; et al, (AJNR), 7: 513, 1986

allergic periorbital mucopyocele in children, De Juan EE; Green WR; lliff NT, (Radiology), 151: 547, 1984

hidden antral compartment, Som PM; Sacher M; Lanzieri CF; Lawson W; Shugar JMA, (Radiology), **152**: 463, 1984

In-111 labeled leukocytes: review of problems in image interpretation, McAfee JG; Samin A, (Radiology), 155: 221, 1985

infectious diseases of the sphenoid sinus, Holt GR; Standefer JA; Brown WE Jr, (Radiology), **154**: 565, 1985 maxillary sinus mucopyoceles, Atherino CCT; Atherino TC, (Radiology), 153: 857, 1984

patterns of pneumatization and septation of the sphenoidal sinus, Banna M; Olutola PS, (Radiology), **153**: 278, 1984

pseudomonas rhinosinusitis, Fried MP; Relly JH; Strome M, (Radiology), **153**: 277, 1984

radiological changes associated with inverted papilloma of the nose and paranasal sinuses, Lund VJ; Lloyd GAS, (Radiology), 154: 565,

## Paranasal sinuses, abnormalities

incidental paranasal sinus abnormalities on CT of children: clinical correlation, Glasier CM; Ascher DP; Williams KD, (AJNR), 7: 861,

pneumosinus dilatans of the sphenoid sinus, Reicher MA; Bentson JR; Halbach VV; et al, (AJNR), 7: 865, 1986

## Paranasal sinuses, calcification

aspergillosis of the paranasal sinuses, Kopp W; Fotter R; Steiner H; Beaufort F; Stammberger H, (Radiology), **156**: 715, 1985

## Paranasal sinuses, CT

cavernous sinus thrombophlebitis secondary to sphenoid sinusitis, Sofferman RA, (Radiology), 151: 269, 1984

computed tomography of osteogenic sarcoma of nasal cavity and paranasal sinuses, Oot RF; Parizel PM; Weber AL, (JCAT), 10:

computerized tomography in conditions concomitantly involving the orbits and the paranasal sinuses, Reider-Grosswasser I; Solomon A; Zikk D; et al, (Comput Radiol), 10: 119, 1986

CT in the evaluation of the normal and diseased paranasal sinuses, Harnsberger HR; Osborn AG; Smoker WRK, (Semin US CT MR), 7: 68, 1986

CT of tumors and tumor-like conditions of the paranasal sinuses, Hasso AN, (Radiol Clin North Am), 22: 119, 1984

North Am), 22: 119, 1984 diagnosis and management of the opacified sphenoid sinus, Kron TK; Johnson CM, (Radiology), 152: 559, 1984 ethmoid sinus disease: CT evaluation in 400 cases, part I. nonsurgical patients, Som PM; Lawson W; Biller HF; Lanzieri CF, (Radiology), 159: 591, 1986 ethmoid sinus disease: CT evaluation in 400

ethmoid sinus disease: CT evaluation in 400 cases. part II. postoperative findings, Som PM; Lawson W; Biller HF; Lanzieri CF, (Radiology), 159: 599, 1986

chandiology, 1, 597; 3797, 1760 ethmoid sinus disease: CT evaluation in 400 cases. part III. craniofacial resection, Som PM; Lawson W; Biller HF; Lanzieri CF; Sachdev VP; Rigamonti D, (Radiology), 159: 605, 1986

extramedullary plasmacytoma of the sinonasal cavities: CT evaluation, Kondo M;
Hashimoto S; Inuyama Y; et al, (JCAT), 10:

incidental paranasal sinus abnormalities on CT of children: clinical correlation, Glasier CM; Ascher DP; Williams KD, (AJNR), 7: 861,

measurement of paranasal sinus ventilation by xenon-enhanced dynamic computed tomography, Kalender WA; Rettinger G; Suess C, (JCAT), 9: 524, 1985

normal CT anatomy of the paranasal sinuses, Schatz CJ; Becker TS, (Radiol Clin North Am), 22: 107, 1984

sphenoid sinus pneumocele. report of a case, Som PM; Sachdev VP; Biller HF, (Radiology), **152**: 559, 1984

unprotected parasphenoidal carotid artery studied by high-resolution computed tomography, Johnson DM; Hopkins RJ; Hanafee WN; Fisk JD, (Radiology), 155: 137,

x-ray and CT findings of a giant intracranial mucocele, Konig H-J; Krahling KH; Brandt M, (Neuroradiol), 28: 283, 1986

## Paranasal sinuses, diseases

CT in the evaluation of the normal and diseased paranasal sinuses, Harnsberger HR; Osborn AG; Smoker WRK, (Semin US CT MR), 7: 68, 1986

dilemmas in the management of chronic nasal and sinus inflammatory diseases of unknown etiology, Duncavage JA; Durkin GE; Lehman RH, et al, (Radiology), 161: 286, 1986

ethmoid sinus disease: CT evaluation in 400 cases. part I. nonsurgical patients, Som PM; Lawson W; Biller HF; Lanzieri CF, (Radiology), 159: 591, 1986

ethmoid sinus disease: CT evaluation in 400 cases. part II. postoperative findings, Som PM; Lawson W; Biller HF; Lanzieri CF, (Radiology), 159: 599, 1986

chanding, J. 327, 379, 1700 ethmoid sinus disease: CT evaluation in 400 cases, part III. craniofacial resection, Som PM; Lawson W; Biller HF; Lanzieri CF; Sachdev VP; Rigamonti D, (Radiology), 159: 605, 1986

malakoplakia of the maxillary sinus, Nistal M; Regadera J; Razquin S; et al, (Radiology), 158: 861, 1986

relationship of optic neuritis to disease of the paranasal sinus, Rothstein J; Maisel RH; Berlinger NT; et al, (Radiology), 156: 861,

## Paranasal sinuses, fungus

aspergillosis of the paranasal sinuses, Kopp W; Fotter R; Steiner H; Beaufort F; Stammberger H, (Radiology), **156**: 715, 1985

phaeohyphomycosis of the maxillethmoid sinus caused by drechslera spicifera: a new fungal pathogen, Sobel SM; Love RG; Stutman HR; et al, (Radiology), 155: 282,

## Paranasal sinuses, neoplasms

adenocarcinoma of the ethmoid sinuses, a review of 38 cases with special reference to wood dust exposure, Klintenberg C; Olofsson J; Hellquist H; et al, (Radiology), 155: 281, 1985

benign osteoblastoma of the maxillary sinus, Osguthorpe JD; Hungerford GD, (Radiology), **151**: 827, 1984

computed tomography of osteogenic sarcoma of nasal cavity and paranasal sinuses, Oot RF; Parizel PM; Weber AL, (JCAT), 10: 409, 1986

CT of perineural tumor extension: pterygopalatine fossa, Curtin HD; Williams R; Johnson J, (AJNR), 5: 731, 1984

CT of tumors and tumor-like conditions of the paranasal sinuses, Hasso AN, (Radiol Clin North Am), 22: 119, 1984

ethmoid sinus disease: CT evaluation in 400 cases. part I. nonsurgical patients, Som PM; Lawson W; Biller HF; Lanzieri CF, (Radiology), **159**: 591, 1986

chmoid sinus disease: CT evaluation in 400 cases. part II. postoperative findings, Som PM; Lawson W; Biller HF; Lanzieri CF, (Radiology), 159: 599, 1986

ethmoid sinus disease: CT evaluation ir. 400 cases. part III. craniofacial resection, Som PM; Lawson W; Biller HF; Lanzieri CF; Sachdev VP; Rigamonti D, (Radiology), 159: 605, 1986

- extramedullary plasmacytoma of the sinonasal cavities: CT evaluation, Kondo M;
  Hashimoto S; Inuyama Y; et al, (JCAT), 10:
- 841, 1986
  inverted papilloma in a 10-year-old boy,
  Stanley RJ; Kelly JA; Matta II; et al,
  (Radiology), 157: 857, 1985
  inverted papilloma of the nose and paranasal
  sinuses in childhood and adolescence,
  Eavey RD, (Radiology), 157: 857, 1985
  lymphoma of the nose and paranasal sinuses,
  Wilder WH; Harner SG; Banks PM,
  (Radiology), 150: 863, 1984
- malignant tumours of the paranasal sinuses and nasal cavity, Gadeberg CC; Hjelm-Hansen M; Sogaard H; et al, (Radiology), 155: 559, 1985
- meningiomas presenting in the paranasal sinuses and temporal bone, Granich MS; Pilch BZ; Goodman ML, (Radiology), 151: 553, 1984
- mucin impaction tumor of the paranasal sinuses: a new clinical entity?, Wenig BL; Sciubba JJ; Zielinski BZ; et al, (Radiology), 150: 863, 1984
- 190: 863, 1984 sphenoid sinus revisited, Gibson W Jr, (Radiology), 153: 278, 1984 squamous cell carcinoma of the maxillary sinus: analysis of 66 cases, St. Pierre S; Baker SR, (Radiology), 151: 553, 1984 treatment of malignant tumours of the
- maxillary antrum, Backhouse TW, (Clin Radiol), 37: 179, 1986
- unusual anatomic presentations of inverted papilloma, Astor FC; Donegan O; Gluckman JL, (Radiology), 157: 857, 1985
- Guckman JL, (Radiology), 157: 857, 1985

  Paranasal sinuses, radiography
  aspergillosis of the paranasal sinuses. x-ray
  diagnosis, histopathology, and clinical
  aspects, Stammberger H; Jakse R; Beaufort F,
  (Radiology), 154: 281, 1985
  optimization of the paranasal sinus
  examination of children, Kuijpers D;
  Blickman JG; Camps JA, (Radiology), 152:
  814, 1984
  pneumatisation of the mavillary sinus in
- pneumatisation of the maxillary sinus in normal and symptomatic children, Odita JC; Akamaguna ÅI; Ogisi FO; et al, (Pediatr Radiol), 16: 365, 1986
- relevance of conventional radiography in indicating maxillary antral lavage, Kay NJ; Setia RN; Stone J, (Radiology), 152: 858, 1984
- Paranasal sinuses, surgery
  ethmoid sinuses, surgery
  ethmoid sinus disease: CT evaluation in 400
  cases. part II. postoperative findings,
  Som PM; Lawson W; Biller HF; Lanzieri CF,
  (Radiology), 159: 599, 1986
  - ethmoid sinus disease: CT evaluation in 400 cases. part III. craniofacial resection, Som PM; Lawson W; Biller HF; Lanzieri CF; Sachdev VP; Rigamonti D, (Radiology), 159: 605, 1986
  - radiological appearance of the post-Caldwell-Luc maxillary sinus, Unger JM; Dennison BF; Duncavage JA; et al, (Clin Radiol), 37:77, 1986
- Paranasal sinuses, therapeutic radiology
  - anterior eye protection with orbital neoplasia, Hancock SL, (Int J Radiat Oncol Biol Phys), 12: 123, 1986
  - malignant tumours of the paranasal sinuses and nasal cavity, Gadeberg CC; Hjelm-Hansen M; Sogaard H; et al, (Radiology), 155: 559, 1985
- squamous cell carcinoma of the maxillary sinus: analysis of 66 cases, St. Pierre S; Baker SR, (Radiology), 151: 553, 1984 treatment of malignant tumours of the maxillary antrum, Backhouse TW, (Clin Radiol), 37: 179, 1986
- Paranasal sinuses, US studies
- gray-scale (B-mode) sonography of the maxillary sinus, Nelson AW; Reed HT; Haney PJ; et al. (J Ultrasound Med), 5: 477,
- our experience with ultrasonic examination of the paranasal sinuses in children with abnormal adenoids, Zahorova L; Jablonicky P, (Radiology), 156: 858, 1985
- Paraplegia See Paralysis
- **Parasites**
- bolus obstruction by Ascaris lumbricoides, Wynne JM; Ellman BAH, (Radiology), **150**: 288, 1984
- characteristic sonographic features of schistosomal periportal fibrosis, Fataar S; Bassiony H; Satyanath S; et al, (AJR), 143: 69,

- cholangiographic appearance in clonorchiasis, Choi TK; Wong KP; Wong J, (Radiology), 155: 271, 1985
- cryptosporidiosis of the stomach and small intestine in patients with AIDS, Berk RN; Wall SD; McArdle CB; et al, (AJR), 143: 549,
- disseminated human subarachnoid coenurosis: computed tomographic appearance, Schellhas KP; Norris GA, (AJNR), 6: 638, 1985
- fascioliasis hepatis—computed tomography appearance, Goebel N; Markwalder K; Siegenthaler W, (Radiology), **156**: 863, 1985
- intestinal anisakiasis: clinical and radiologic features, Matsui T; lida M; Murakami M; Kimura Y; Fujishima M; Yao Y; Tsuji M, (Radiology), 157: 299, 1985
- intestinal giardiasis: importance of serial filming, Brandon J; Glick SN; Teplick SK, (AJR), 144: 581, 1985
- ocular toxocariasis studied by CT scanning, Edwards MG; Pordell GR, (Radiology), 157:
- phaeohyphomycosis of the maxillethmoid sinus caused by drechslera spicifera: a new fungal pathogen, Sobel SM; Love RG; Stutman HR; et al, (Radiology), 155: 282,
- radiographic spectrum of rectocolonic calcification from schistosomiasis, Fataar Bassiony H; Hamed MS; et al, (AJR), 142: 933, 1984

## Parathyroid, abnormalities

- comparison of imaging methods for diagnosing enlarged parathyroid glands in chronic renal failure, Takagi H; Tominaga Y; Uchida K; et al, (JCAT), 9: 733, 1985
- Parathyroid, angiography
- detection of mediastinal parathyroid glands by nonselective digital arteriography, Krudy AG; Doppman JL; Miller DL; et al, (AJR), 142: 693, 1984
- parathymic parathyroid: CT, US, and angiographic findings, Doppman JL; Shawker TH; Krudy AG; Miller DL; Marx SJ; Spiegel AM; Norton JA; Brennan MF; Schaaf M; Aurbach GD, (Radiology), 157:
- parathyroid adenomas studied by digital subtraction angiography, Obley DL; Winzelberg GG; Jarmolowski CR; Hydovitz JD; Danowski TS; Wholey MH, (Radiology), 153: 449, 1984
- parathyroid aspiration directed by angiography: an alternative to venous sampling, Krudy AG; Doppman JL; Marx SJ; Norton JA; Spiegel AM; Santora AC II; Aurbach GD, (Radiology), 152: 207, 1984
- Parathyroid, biopsy
  - needle aspiration of nonfunctioning parathyroid cysts, Katz AD; Dunkleman D, (Radiology), 154: 272, 1985
- (Madabley), 194, 22 / 194, 22 / 194, 22 / 194, 22 / 194, 22 / 194, 22 / 194, 23 / 194, 24 / 194,

## Parathyroid, CT

- hyperfunctioning cystic parathyroid glands: CT and sonographic findings, Krudy AG; Doppman JL; Shawker TH; et al, (AJR), 142: 175, 1984
- noninvasive parathyroid imaging, Stark DD; Gooding GAW; Clark OH, (Semin US CT MR), 6: 310, 1985
- parathymic parathyroid: CT, US, and angiographic findings, Doppman JL; Shawker TH; Krudy AG, Miller DL; Marx SJ; Spiegel AM; Norton JA; Brennan MF; Schaaf M; Aurbach GD, (Radiology), 157: 419, 1985
- Parathyroid, cysts
  - needle aspiration of nonfunctioning parathyroid cysts, Katz AD; Dunkleman D, (Radiology), **154**: **272**, 1985
  - parathyroid cyst: diagnosis by sonography and needle aspiration, DeRaimo AJ; Kane RA; Katz JF; et al, (AJR), **142**: 1227, 1984
- Parathyroid, hyperparathyroidism
  - assessment of thallium-pertechnetate subtraction scintigraphy in hyperparathyroidism, Percival RC; Blake GM; Urwin GH; et al, (Radiology),

- bone mineral changes in primary hyperparathyroidism, Richardson ML; Pozzi-Mucelli RS; Kanter AS; et al, (Skeletal Radiol), 15: 85, 1986
- case of the month: case of the missing sign, Wagener G; Sandler M; Hough FS, (Br J Radiol), 59: 287, 1986
- concomitant thyroid disease in hyperparathyroidism: reasons for unsatisfactory ultrasonographical localization of parathyroid glands, Karstrup S; Hegedus L, (Eur J Radiol), 6: 149,
- dual isotope parathyroid imaging, Maslack MM; Brosbe RJ, (Clin Nucl Med), 11: 622, 1986
- mode of progression of subperiosteal resorption in the hyperparathyroidism of chronic renal failure, M sema HE; Oreopoulos DG, (Radiology), 153: 562, 1984
- parathyroid adenomas studied by digital subtraction angiography, Obley DL; Winzelberg GG; Jarmolowski CR; Hydovitz JD; Danowski TS; Wholey MH, (Radiology), 153: 449, 1984
- parathyroid aspiration biopsy under ultrasound guidance in the postoperative hyperparathyroid patient, Gooding GAW; Clark OH; Stark DD; Moss AA; Montgomery CK, (Radiology), 155: 193, 1985
- Montgomery CK, (Radiology), 155: 193, 1985 parathyroid aspiration directed by angiography: an alternative to venous sampling, Krudy AG; Doppman JL; Marx SJ; Norton JA; Spiegel AM; Santora AC II; Aurbach GD, (Radiology), 152: 207, 1984 parathyroid imaging: comparison of double-tracer (TI-201, Tc-99m) scintigraphy and high-resolution US, Gooding GAW; Okerlund MD; Stark DD; Clark OH, (Radiology), 161: 57, 1986 percutaneous ethanol injection of parathyroid tumors under US guidance: treatment for secondary hyperparathyroidism, Solbiati L; Giangrande A; De Pra L; Bellotti E; Cantu P; Ravetto C, (Radiology), 155: 607, 1985 postoperative parathyroid high-frequency

- postoperative parathyroid high-frequency sonography: evaluation of persistent or recurrent hyperparathyroidism, Reading CC; Charboneau JW; James EM; et al, (AJR), 144: 399, 1985
- secondary hyperparathyroidism and bone disease in infants receiving long-term furosemide therapy, Venkataraman PS; Han BK, Tsang RC; et al., (Radiology), 153: 274, 1984

## Parathyroid, hypoparathyroidism

- computed tomography of cerebrovascular calcifications in postsurgical hypoparathyroidism, Bhimani S; Sarwar M; Virapongse C; et al, (JCAT), 9: 121, 1985
- growth arrest recovery lines in hypoparathyroidism, Rosen RA; Deshmukh SM, (Radiology), 155: 61, 1985
- Desnitush SM. (Radiology), 135: 61, 1983 metabolic bone disease in pseudohypoparathyroidism: radiologic features, Burnstein MJ; Kottamasu SR; Pettifor JM; Sochett E; Ellis BI; Frame B, (Radiology), 155: 351, 1985 prevalences of CT-detected calcification in the beat execution in the beat execution in the season of the seaso
- hypoparathyroidism and pseudohypoparathyroidism j. Dupont E, (Radiology), 156: 860, 1985
- renal-nonresponsive, bone-responsive pseudohypoparathyroidism. a case with normal vitamin D metabolite levels and clinical features of rickets, Dabbagh S; Chesney RW, Langer LO; et al, (Radiology), 156: 859, 1985
- Parathyroid, MR studies
- MRI with surface coils for parathyroid tumors: preliminary investigation, Kier R; Herfkens RJ; Blinder RA; et al, (AJR), 147: 497, 1986
- noninvasive parathyroid imaging, Stark DD; Gooding GAW; Clark OH, (Semin US CT MR), 6: 310, 1985
- Parathyroid, neoplasms
  - demonstration of simultaneous thyroid and parathyroid adenomata, situated in the sam anatomic level, Garty I; Risescu J; Rosen G, (Clin Nucl Med), 11: 430, 1986
- dual tracer imaging for localization of parathyroid lesions, Park CH; Intenzo C; Cohn HE, (Clin Nucl Med), 11: 237, 1986
- location of parathyroid adenomas by thallium-201 and technetium-99m subtraction scanning, Young AE; Gaunt JI; Croft DN; et al, (Radiology), **150**: 302, 1984

- magnetic resonance imaging of benign mediastinal masses, Gamsu G; Stark DD; Webb WR; Moore EH; Sheldon PE, (Radiology), 151: 709, 1984
- MRI with surface coils for parathyroid tumors: preliminary investigation, Kier R; Herfkens RJ; Blinder RA; et al, (AJR), 147:
- parathymic parathyroid: CT, US, and angiographic findings, Doppman JL; Shawker TH; Krudy AG; Miller DL; Marx SJ; Spiegel AM; Norton JA; Brennan MF; Schaaf M; Aurbach GD, (Radiology), 157:
- parathyroid adenomas evaluated by Tl-201/Tc-99m pertechnetate subtraction scintigraphy and high-resolution ultrasonography, Winzelberg GG; Hydovitz JD; O'Hara KR; Anderson KM; Turbiner E; Danowski TS; Lippe RD; Melada GA; Harrison AM, (Radiology), 155: 231, 1985
- parathyroid adenomas studied by digital subtraction angiography, Obley DL; Winzelberg GG; Jarmolowski CR; Hydovitz JD; Danowski TS; Wholey MH, (Radiology), 153: 449, 1984
- parathyroid aspiration directed by angiography: an alternative to venous sampling, Krudy AG; Doppman JL, Marx SJ; Norton JA; Spiegel AM; Santora AC II; Aurbach GD, (Radiology), **152**: 207, 1984
- parathyroid carcinoma: high-frequency sonographic features, Edmonson GR; Charboneau JW; James EM; Reading CC; Grant CS, (Radiology), 161: 65, 1986
- parathyroid carcinoma visualized by gallium-67 citrate scintigraphy, Iwase M; Shimizu Y; Kitahara H; et al, (J Nucl Med), **27**: 63, 1986
- parathyroid imaging: comparison of double-tracer (TI-201, Tc-99m) scintigraphy and high-resolution US, Gooding GAW; Okerlund MD; Stark DD; Clark OH, (Radiology), 161: 57, 1986
- percutaneous ethanol injection of parathyroid tumors under US guidance: treatment for secondary hyperparathyroidism, Solbiati L; Giangrande A; De Pra L; Bellotti E; Cantu P; Ravetto C, (Radiology), 155: 607, 1985
- radionuclide imaging of parathyroid tumors: historical perspectives and newer techniques, Winzelberg GG; Hydovitz JD, (Semin Nucl Med), 15: 161, 1985
- successful localization of parathyroid adenomata by thallium-201 and technetium-99m subtraction scintigraphy: description of an improved technique, Fogelman I; McKillop JH; Bessent RG; et al., (Radiology), 156: 571, 1985
- ultrasonic appearance of adenomatous and hyperplastic parathyroid glands, Pastad J; Fransson A; Lindgren PG; et al, (Radiology), 157: 862, 1985

## Parathyroid, radionuclide studies

- assessment of thallium-pertechnetate subtraction scintigraphy in hyperparathyroidism, Percival RC; Blake GM; Urwin GH; et al, (Radiology), 157: 863, 1985
- dual isotope parathyroid imaging, Maslack MM; Brosbe RJ, (Clin Nucl Med), 11: 622, 1986
- dual tracer imaging for localization of parathyroid lesions, Park CH; Intenzo C; Cohn HE, (Clin Nucl Med), 11: 237, 1986
- dynamic or early imaging in dual-tracer parathyroid scintigraphy, Greenberg SB; Park CH; Intenzo C, (Clin Nucl Med), 11:
- false-positive thallium-201 parathyroid scan of the mediastinum in Hodgkin's lymphoma, Winzelberg GG; Melada GA; Hydovitz JD, (AJR), 147: 819, 1986
- limits to parathyroid imaging with thallium-201 confirmed by tissue uptake and phantom studies, Gimlette TMD; Brownless SM; Taylor WH; et al, (J Nucl Med), 27: 1262, 1986
- location of parathyroid adenomas by thallium-201 and technetium-99m subtraction scanning, Young AE; Gaunt JI; Croft DN; et al, (Radiology), 150: 302, 1984
- new perspectives in localizing enlarged parathyroids by technetium-thallium subtraction scan, Ferlin G; Borsato N; Camerani M; et al, (Radiology), 151: 836, 1984

- noninvasive parathyroid imaging, Stark DD; Gooding GAW; Clark OH, (Semin US CT MR), 6: 310, 1985
- parathyroid adenomas evaluated by Tl-201/Tcarathyroid adenomas evaluated by 11-201/tc 99m pertechnetate subtraction scintigraphy and high-resolution ultrasonography, Winzelberg GG; Hydoviz JD; O'Hara KR; Anderson KM; Turbiner E; Danowski TS; Lippe RD; Melada GA; Harrison AM, (Radiology), 155: 231, 1985
- parathyroid carcinoma visualized by gallium-67 citrate scintigraphy, Iwase M; Shimizu Y; Kitahara H; et al. (J Nucl Med), 27: 63, 1986
- parathyroid imaging: comparison of double-tracer (TI-201, Tc-99m) scintigraphy and high-resolution US, Gooding GAW; Okerlund MD; Stark DD; Clark OH, (Radiology), 161: 57, 1986
- [75Se]selenomethionine scanning for parathyroid localization should be abandoned, Waldorf JC; van Heerden JA; Gorman CA; et al, (Radiology), 155: 286,
- successful localization of parathyroid adenomata by thallium-201 and technetium-99m subtraction scintigraphy: description of an improved technique, Fogelman I; McKillop JH, Bessent RG, et al., (Radiology), 136: 571, 1985
- thallium-technetium parathyroid scan: useful noninvasive technique for localization of abnormal parathyroid tissue, Manni A; Basarab RM; Plourde PV; et al, (Radiology), 161: 576, 1986

## Parathyroid, US studies

- concomitant thyroid disease in hyperparathyroid uisease in hyperparathyroid is: reasons for unsatisfactory ultrasonographical localization of parathyroid glands, Karstrup S; Hegedus L, (Eur J Radiol), 6: 149,
- hyperfunctioning cystic parathyroid glands: CT and sonographic findings, Krudy AG; Doppman JL; Shawker TH; et al, (AJR), 142: 175, 1984
- noninvasive parathyroid imaging, Stark DD; Gooding GAW; Clark OH, (Semin US CT MR), 6: 310, 1985
- parathymic parathyroid: CT, US, and angiographic findings, Doppman JL; Shawker TH; Krudy AG; Miller DL; Marx SJ; Spiegel AM; Norton JA; Brennan MF; Schaaf M; Aurbach GD, (Radiology), 157:
- parathyroid adenomas evaluated by Tl-201/Tc-99m pertechnetate subtraction scintigraphy and high-resolution ultrasonography, Winzelberg GG; Hydovitz JD; O'Hara KR; Anderson KM; Turbiner E; Danowski TS; Lippe RD; Melada GA; Harrison AM, (Radiology), 155: 231, 1985
- parathyroid aspiration biopsy under ultrasound guidance in the postoperative hyperparathyroid patient, Gooding GAW; Clark OH; Stark DD; Moss AA; Montgomery CK, (Radiology), 155: 193, 1985
- parathyroid carcinoma: high-frequency sonographic features, Edmonson GR; Charboneau JW; James EM; Reading CC; Grant CS, (Radiology), 161: 65, 1986
- parathyroid imaging; comparison of double-tracer (TI-201, Tc-99m) scintigraphy and high-resolution US, Gooding GÁW; Okerlund MD; Stark DD; Clark OH, (Radiology), 161: 57, 1986
- percutaneous ethanol injection of parathyroid tumors under US guidance: treatment for secondary hyperparathyroidism, Solbiati L; Giangrande A; De Pra L; Bellotti E; Cantu P; Ravetto C, (Radiology), 155: 607, 1985
- postoperative parathyroid high-frequency sonography: evaluation of persistent or recurrent hyperparathyroidism, Reading CC; Charboneau JW; James EM; et al, (AJR), 144: 399, 1985
- static grey scale parathyroid ultrasonography: is high-resolution real-time technique required? Kalovidouris A; Mancuso AA; Sarti D, (Radiology), 151: 556, 1984
- thyroid and parathyroid ultrasonography, Butch RJ; Simeone JF; Mueller PR, (Radiol Clin North Am), 23: 57, 1985
- ultrasonic appearance of adenomatous and hyperplastic parathyroid glands, Pastad J; Fransson A; Lindgren PG; et al, (Radiology), 157: 862, 1985

## **Paresis**

See Paralysis

# Parkinson disease multiple system atrophy (Shy-Drager syndrome): MR imaging, Pastakia B; Polinsky R; Di Chiro G; Simmons JT.

- Brown R; Wener L, (Radiology), 159: 499, Parkinson plus syndrome: diagnosis using high field MR imaging of brain iron, Drayer BP; Olanow W; Burger P; Johnson GA; Hertkens R; Riederer SJ,
- (Radiology), 159: 493, 1986 Parotid gland benign parotid diseases of childhood, Wright GL; Smith RJH; Katz CD; et al, (Radiology), 159: 823, 1986 Parotid gland, CT

- arotto gland, CT
  computed tomography and sialography of
  chronic pyogenic parotitis, Iko BO,
  (Radiology), 156: 567, 1985
  controversy of Warthin's tumor, Chapnik HS,
  (Radiology), 151: 828, 1984
  evaluation of NMR versus CT for parotid
  masses: preliminary report, Schaefer SD;
  Maravilla KR; Close LG; et al, (Radiology),
  159: 823, 1986 Parotid gland, cysts
- arottd gland, cysts benign lymphoepithelial cysts of the parotid gland: histologic, cytologic and ultrastructural study, Weidner N; Geisinger KR; Sterling RT; et al, (Radiology), 160: 574, 1986

# Parotid gland, diseases sarcoidosis of the parotid gland, Iko BO; Chinwuba CE; Myers EM; et al, (Br J Radiol), 59: 547, 1986

- Parotid gland, hypertrophy coexistance of sytemic lupus erythematosus and parotid hypertrophy: case report and literature review, Seung HI; Romano TJ, (Radiology), 156: 279, 1985
- parotid hypertrophy with bulimia: report of surgical management, Berke GS; Calcaterra TC, (Radiology), 159: 287, 1986
- Parotid gland, MR studies evaluation of NMR versus CT for parotid masses: preliminary report, Schaefer SD; Maravilla KR; Close LC; et al, (Radiology),
- 159: 823, 1986
- 159: 823, 1986

  Parotid gland, neoplasms
  anatomy of the facial nerve in relation to
  CT/sialography of the parotid gland,
  Conn IG; Wiesenfeld D; Ferguson MM,
  (Radiology), 152: 857, 1984
  carcinoma arising in a benign
  lymphoepithelial lesion, Chen KTK,
  (Radiology), 151: 827, 1984
  facial nerve palsy associated with Warthin's
  tumor, Lesser RW; Spector JG, (Radiology),
  159: 823, 1986

- 159: 823, 1986
  malignant parotid tumors in patients under 20 years of age, Byers RM; Piorkowski R; Luna MA, (Radiology), 153: 857, 1984 sialography and CT sialography in the diagnosis of parotid masses, Eyjolfsson O; Nordshus T; Dahl T, (Radiology), 157: 858, 1005
- ultrasonic patterns of parotid masses, Ballerini G; Mantero M; Sbrocca M, (Radiology), 154: 857, 1985 unilateral cystic sebaceous lymphadenoma of the parotid gland, Merwin WH 1y; Barnes L; Meyers EN, (Radiology), 158: 573, 1986
- Parotid gland, US studies high resolution ultrasonography of the parotid gland in children, Seibert RW; Seibert JJ, (Pediatr Radiol), 16: 374, 1986 ultrasonic patterns of parotid masses, Ballerini G; Mantero M; Sbrocca M, (Radiology), **154**: 857, 1985

# Pectus excavatum

- See Thorax, abnormalities Pediatric radiology
  See Radiography, in infants and children
- Peliosis hepatis peliosis hepatis: diagnosis by magnification wedged hepatic venography, Lyon J; Bookstein JJ; Cartwright CA; Romano A; Heeney DJ, (Radiology), 150: 647, 1984

# Pelvimetry See Pelvis, measurement

## See also under names of pelvic bones and organs

iliopsoas muscles: MR study of normal anatomy and disease, Weinreb JC; Cohen JM; Maravilla KR, (Radiology), **156**: 435, 1985

osteomyelitis of the ischiopubic synchondrosis, Jarvis J; McIntyre W; Udjus K; et al, (Radiology), **157**: 570, 1985

## Pelvis, abnormalities

sonographic detection of subtle pelvic fluid collections, Nyberg DA; Laing FC; Jeffrey RB Jr, (AJR), 143: 261, 1984

## Pelvis, abscess

abdominal abscess drainage under radiologic guidance: causes of failure, Lang EK; Springer RM; Glorioso LW III; Cammarata CA, (Radiology), **159**: 329, 1986

drainage of pelvic abscesses through the greater sciatic foramen, Butch RJ; Mueller PR; Ferrucci JT Jr; Wittenberg J; Simeone JF; White EM; Brown AS, (Radiology), 158: 487, 1986

drainage of pelvic abscesses through the greater sciatic foramen, Jaques PF; Mauro MA, (Radiology), 160: 278, 1986

Main MA, (nationary), No. 20 Actions of pelvic abscesses through the greater sciatic foramen: reply, Butch RJ; Mueller PR; Ferrucci JT Jr, (Radiology), 160: 279, 1986

inflammatory lesions of the groin: ultrasonic evaluation, Sandler MA; Alpern MB; Madrazo BL; Gitschlag KF, (Radiology), **151**: 747, 1984

pelvic abscess drainage by the transrectal catheter approach in men, Mauro MA; Jaques PF; Mandell VS; et al, (AJR), 144: 477, 1985

pelvic inflammatory disease: sonographicpathologic correlation, Swayne LC; Love MB; Karasick SR, (Radiology), **151**: 751, 1984

postappendectomy fluid collections in children: incidence, nature, and evolution evaluated using US, Baker DE; Silver TM; Coran AG; McMillin KI, (Radiology), 161: 341, 1986

real-time vs. static scanning in the diagnosis of abdominal and pelvic abscesses, Gross BH; Chinn DH; Callen PW; et al, (Radiology), 151: 833, 1984

transrectal pelvic abscesss drainage with sonographic guidance, Nosher JL; Needell GS; Amorosa JK; et al, (AJR), 146: 1047, 1986

### Pelvis, anatomy

anatomic correlations of magnetic resonance images with cadaver cryosections, Holliday J; Saxon R; Lufkin RB; Rauschning W; Reicher M; Bassett L; Hanafee W; Barbaric Z; Sarti D; Glenn W Jr, (Radiographics), 5: 887, 1985

## Pelvis, CT

computed tomography in the differential diagnosis of pelvic and extrapelvic disease, Pozniak M; Petasnick JP; Matalon TAS; Bayard WJ, (Radiographics), 5: 587, 1985

computed tomography of gestational trophoblastic disease, Davis WK; McCarthy S; Moss AA; et al, (JCAT), 8: 1136, 1984

computed tomography of pressure sores, Firooznia H; Rafii M; Golimbu C; et al, (Radiology), 152: 561, 1984

computed tomography of traumatic serosanguineous cysts, Rafii M; Firooznia H; Golimbu C; et al, (Radiology), 152: 561, 1984

CT evaluation of the pelvis after hemipelvectomy, Holbert JM; Lewis E, (AJR), 145: 1233, 1985

CT of the gluteal region, Wechsler RJ; Schilling JF, (AJR), 144: 185, 1985

device for performing direct coronal CT scanning of the abdomen and pelvis, Goldberg HI; Cann CE; Moss AA; et al, (AJR), 143: 900, 1984

direct coronal and direct sagittal CT of abdomen and pelvis: approach to staging malignancies, van Wase PFGM; Feldberg MAM; Goldberg HI; Herve P; Zonneveld FW; Cann CE, (Radiographics), 6: 213, 1986

drainage of pelvic abscesses through the greater sciatic foramen, Butch RJ;
Mueller PR; Ferrucci JT Jr; Wittenberg J;
Simeone JF; White EM; Brown AS,
(Radiology), 158: 487, 1986

drainage of pelvic abscesses through the greater sciatic foramen, Jaques PF; Mauro MA, (Radiology), 160: 278, 1986

drainage of pelvic abscesses through the greater sciatic foramen: reply, Butch RJ; Mueller PR: Ferrucci JT Jr, (Radiology), 160: 279, 1984.

male pelvic hemangiopericytoma on computed tomography, Yoo RE; Sunwoo YC; Markivee CR, (CT), 10: 73, 1986

normal acetabular anatomy for acetabular fracture assessment: CT and plain film correlation, Saks BJ, (Radiology), 159: 139, 1986

pelvic and acetabular fractures: examination by angled CT scanning, Burk DL Jr., Mears DC; Herbert DL; Straub WH; Cooperstein LA; Beck EA, (Radiology), 153: 548, 1984

role of computerized tomographic scanning in the evaluation of major pelvic fractures, Gill K; Buckholz RW, (Radiology), 152: 861, 1984

soft-tissue CT changes in pelvic venous thrombosis, Pawar SV; Kay CJ, (AJR), 143: 605, 1984

three-dimensional computed tomography of acetabular fractures, Burk DL Jr.; Mears DC; Kennedy WH; Cooperstein LA; Herbert DL, (Radiology), 155: 183, 1985

#### Pelvis, cyst

adnexal structures: MR imaging, Dooms GC; Hricak H; Tscholakoff D, (Radiology), 158: 639, 1986

computed tomography of traumatic serosanguineous cysts, Rafii M; Firooznia H; Golimbu C; et al, (Radiology), **152**: 561, 1984

peripelvic cysts: an imposter of sonographic hydronephrosis, Cronan JJ; Amis ES Jr; Yoder IC; et al, (Radiology), **150**: 301, 1984

sonographic features of parovarian cysts, Athey PA; Cooper NB, (AJR), 144: 83, 1985

sonography of nongynecologic cystic masse of the pelvis, Rifkin MD; Needleman L; Kurtz AB; et al, (AJR), 142: 1169, 1984

## Pelvis, diseases

hydatid disease of the pelvis, Clements R; Bowyer FM, (Clin Radiol), 37: 375, 1986

pelvic inflammatory disease: sonographicpathologic correlation, Swayne LC; Love MB; Karasick SR, (Radiology), 151: 751, 1984

#### Pelvis, fractures

bone imaging in the diagnosis of fractures of the femur and pelvis in the sixth to tenth decades, Slavin JD Jr; Mathews J; Spencer RP, (Clin Nucl Med), 11: 328, 1986

computed tomography of traumatic serosanguineous cysts, Rafii M; Firooznia H; Golimbu C; et al, (Radiology), **152**: 561, 1984

lateral compression fractures of the pelvis: importance of plain radiographs in the diagnosis and surgical management, Young JWR; Burgess AR; Brumback RJ; et al, (Skeletal Radiol), 15: 103, 1986

pelvic and acetabular fractures: examination by angled CT scanning, Burk DL Jr, Mears DC; Herbert DL; Straub WH; Cooperstein LA; Beck EA, (Radiology), 153: 548, 1984

pelvic fractures: value of plain radiography in early assessment and management, Young JWR; Burgess AR; Brumback RJ; Poka A, (Radiology), 160: 445, 1986

pubic and sacral insufficiency fractures: clinical course and radiologic findings, De Smet AA; Neff JR, (AJR), 145: 601, 1985

role of computerized tomographic scanning in the evaluation of major pelvic fractures, Gill K; Buckholz RW, (Radiology), 152: 861, 1984

supraacetabular insufficiency fractures, Cooper KL; Beabout JW; McLeod RA, (Radiology), **157**: 15, 1985

ultrasonographic interpretation of the physiological changes in the female pelvis, Pupols AZ; Wilson SR, (Radiology), 153: 859, 1984

## Pelvis, hemorrhage

embolic management of rare hemorrhagic gynecologic and obstetrical conditions, Vujic I; Stanley JH; Gobien RP; et al, (Cardiovasc Intervent Radiol), 9: 69, 1986

giant rectus sheath hematomas of the pelvis complicating anticoagulant therapy: CT findings, Pastakia B; Horvath K; Kurtz D; et al. (JCAT), 8: 1120, 1984

pelvic hemorrhage after percutaneous femoral angiography, Kaufman JL, (AJR), 143: 335, 1984 prevesical hematoma: complicaton of prostatic biopsy, Choyke PL; Blei CL; Jaffe MH; et al, (Urol Radiol), 8: 32, 1986

sonographic demonstration of bladder-flap hematoma, Winsett MZ; Fagan CJ; Bedi DG, (J Ultrasound Med), 5: 483, 1986

sonography of post-cesarean-section bladderflap hematoma, Baker ME; Bowie JD; Killam AP, (AJR), 144: 757, 1985

## Pelvis, injuries

computed tomography of vaginitis emphysematosa, Jaramillo D; Allan NK; Raval B, (JCAT), 10: 521, 1986

urological injury and assessment in patients with fractured pelvis, Fallon B; Wendt JC; Hawtrey CE, (Radiology), 153: 846, 1984

#### Pelvis, measurement

artifacts seen during CT pelvimetry: implications for digital systems with scanning beams, Brody AS; Saks BJ; Field DR; Skinner SR; Capra RE, (Radiology), 160: 269, 1986

pelvimetry by magnetic resonance imaging, Stark DD; McCarthy SM; Filly RA; et al, (AJR), 144: 947, 1985

## Pelvis, MR studies

adnexal structures: MR imaging, Dooms GC; Hricak H; Tscholakoff D, (Radiology), 158: 639, 1986

magnetic resonance imaging of the abnormal female pelvis, Butler H; Bryan PJ; LiPuma JP; et al, (AJR), 143: 1259, 1984

magnetic resonance imaging of the pelvis, Kulkarni MV; Shaff MI; Carter MM; Dudley S; Burks DD; Partain CL; James AE, (Radiographics), 5: 611, 1985

magnetic resonance imaging of the pelvis, Bryan PJ; Butler HE; LiPuma JP, (Radiol Clin North Am), 22: 897, 1984

magnetic resonance imaging of the pelvis: evaluation of ovarian masses at 0.15 T, Hamlin DJ; Fitzsimmons JR; Pettersson H; et al, (AJR), 145: 585, 1985

magnetic resonance tomography of the pelvis, Smith FW, (Cardiovasc Intervent Radiol), 8: 367, 1986

MRI of the female pelvis: review, Hricak H, (AJR), 146: 1115, 1986

obstetrical magnetic resonance imaging: maternal anatomy, McCarthy SM; Stark DD; Filly RA; Callen PW; Hricak H; Higgins CB, (Radiology), 154: 421, 1985

pelvis imaging with MR: technique for improvement, Winkler ML; Hricak H, (Radiology), 158: 848, 1986

pitfall in MR imaging of lymphadenopathy after lymphangiography, Buckwalter KA; Ellis JH; Baker DE; Borello JA; Glazer GM, (Radiology), 161: 831, 1986

## Pelvis, neoplasms

adnexal structures: MR imaging, Dooms GC; Hricak H; Tscholakoff D, (Radiology), 158: 639, 1986

anal submucosal injection: new route for drug administration in pelvic malignancies, part I. experimental study of misonidazole distribution in serum and tissues, with special reference to urinary bladder: preliminary report, Shafik A; El-Merzabani MM; El-Aaser AA; et al, (Invest Radiol), 21: 278, 1986

cartilage-cell-containing tumours of the pelvis: radiological review of 40 patients, Buirski G; Ratliff AHC; Watt I, (Br J Radiol), 59: 197, 1986

computed tomography of gestational trophoblastic disease, Davis WK; McCarthy S; Moss AA; et al, (JCAT), 8: 1136, 1984

CT demonstration of peripelvic and periureteral non-Hodgkin lymphoma, McMillin KI; Gross BH, (AJR), 144: 945, 1985

direct coronal and direct sagittal CT of abdomen and pelvis: approach to staging malignancies, van Waes PFGM; Feldberg MAM; Goldberg HI; Herve P; Zonneveld FW; Cann CE, (Radiographics), 6: 213, 1986

gluteal artery occlusion: intraarterial chemotherapy of pelvic neoplasms, Woods D, Bechtel W; Charnsangavej C; Haynie TP; Kim EE; Carrasco CH; Wallace S, (Radiology), 155: 341, 1985

imaging of questionable and unusual pelvic masses, Reuter KL; D'Orsi CJ; Raptopoulos V; et al, (Br J Radiol), 59: 765, 1986 impact of external irradiation of local symptoms and survival free of disease in symptoms and survival needs the sease in patients with pelvic lymph node metastasis from adenocarcinoma of the prostate, Smith JA Jr; Haynes T; Middleton RG, (Radiology), 153: 862, 1984

male pelvic hemangiopericytoma on computed tomography, Yoo RE; Sunwoo YC; Markivee CR, (CT), **10**: 73, 1986

necrotic tumor simulating intraabdominal abscess: a case report, Paling MR, (Radiology), **152**: 561, 1984

omental cakes: colonic involvement by omental metastases, Rubesin SE; Levine MS, (Radiology), **154**: 593, 1985

ovarian carcinoma follow-up: US versus laparotomy, Khan O; Cosgrove DO; Fried AM; Savage PE, (Radiology), **159**: 111, 1986

pelvic mass, Walsh JW; Vick CW, (Clin Diagn Ultrasound), 14: 167, 1984

pelvic masses in pregnant patients: MR and US imaging, Weinreb JC; Brown CE; Lowe TW; Cohen JM; Erdman WA, (Radiology), 159: 717, 1986

percutaneous needle biopsy of deep pelvic masses: posterior approach, Pardes JG; Schneider M; Koizumi J; et al, (Cardiovasc Intervent Radiol), 9: 65, 1986

pictorial essay of pelvic and abdominal masses seen during pregnancy, Rahatzad MT; Adamson D, (JCU), 14: 255, 1986

radiography of the small bowel in patients with gynecologic malignancies, Yuhasz M; Laufer I; Sutton G; et al, (AJR), 144: 303, 1985

sonographic demonstration of a pelvic fibromyxoma, Yoshino MT; Mar DY; Hunter TB, (J Ultrasound Med), 4: 365, 1985

therapeutic embolization of pelvic metastases of renal cell carcinoma, Varma J; Huben RP; Wajsman Z; et al, (Radiology), 153: 848, 1984

ultrasound-directed transvaginal aspiration biopsy of pelvic masses, Graham D; Sanders RC, (Radiology), **150**: 299, 1984

ultrasound in pelvic malignancy, Sanders RC, (Clin Diagn Ultrasound), 15: 139, 1984

Pelvis, radiography

imaging of questionable and unusual pelvic masses, Reuter KL; D'Orsi CJ; Raptopoulos V; et al, (Br J Radiol), **59:** 765, 1986

lateral compression fractures of the pelvis: importance of plain radiographs in the diagnosis and surgical management, Young JWR; Burgess AR: Brumback RJ; et al, (Skeletal Radiol), 15: 103, 1986

fracture assessment: CT and plain film correlation, Saks BJ, (Radiology), 159: 139,

pelvic fractures: value of plain radiography in early assessment and management, Young JWR; Burgess AR; Brumback RJ; Poka A, (Radiology), **160**: 445, 1986

Pelvis, radionuclide studies

bone imaging in the diagnosis of fractures of the femur and pelvis in the sixth to tenth decades, Slavin JD Jr; Mathews J; Spencer RP, (Clin Nucl Med), 11: 328, 1986

utility of caudal view in pelvic bone imaging, Simon J; Danet B; Esquerre JP; et al, (Clin Nucl Med), 11: 614, 1986

Pelvis, therapeutic radiology

impact of external irradiation of local symptoms and survival free of disease in patients with pelvic lymph node metastasis from adenocarcinoma of the prostate, Smith JA Jr; Haynes T; Middleton RG, (Radiology), 153: 862, 1984

## Pelvis, US studies

ectopic pregnancy and other causes of acute pelvic pain, Manor WF; Zwiebel WJ; Hanning RV Jr; et al, (Semin US CT MR), 6: 181, 1985

endometriosis detection by US with laparoscopic correlation, Friedman H; Vogelzang RL; Mendelson EB; Neiman HL; Cohen M, (Radiology), **157**: 217, 1985

enlarged iliopsoas bursa simulating neoplasm emarged inopsoas bursa simulating neoplasm on sonographic examination, Leekam RN; Matzinger MA; Mustard RA; et al, (J Ultrasound Med), 4: 493, 1985 fluid in the femal pelvis: cyclic patterns, Davis JA; Gosink BB, (J Ultrasound Med), 5: 75, 1986

75, 1986

imaging of questionable and unusual pelvic masses, Reuter KL; D'Orsi CJ; Raptopoulos V; et al, (Br J Radiol), 59: 765, 1986

inflammatory disease of the pelvis and postoperative fluid collections, Lipsit ER, (Clin Diagn Ultrasound), 15: 85, 1984

interventional techniques in the female pelvis, Bree RL; Schwab RE, (Clin Diagn Ultrasound), 15: 157, 1984

ovarian carcinoma follow-up: US versus laparotomy, Khan O; Cosgrove DO; Fried AM; Savage PE, (Radiology), **159**: 111,

ovary volume in young and premenopausal adults: US determination. work in progress, Munn CS; Kiser LC; Wetzner SM; Baer JE, (Radiology), 159: 731, 1986

pediatric pelvis, Babcock DS; Han BK, (Clin Diagn Ultrasound), 15: 27, 1984

pelvic inflammatory disease: sonographic-pathologic correlation, Swayne LC; Love MB; Karasick SR, (Radiology), **151**: 751,

pelvic ultrasonography in premenarcheal girls: relation to puberty and sex hormone concentrations, Salardi S; Orsini LF; Cacciari E; et al, (Radiology), 157: 571, 1985 peripelvic cysts: an imposter of sonographic hydronephrosis, Cronan JJ; Amis ES Jr; Yoder IC; et al, (Radiology), 150: 301, 1984

postappendectomy fluid collections in children: incidence, nature, and evolution evaluated using US, Baker DE; Silver TM; Coran AG; McMillin KI, (Radiology), 161:

real-time ultrasonography of the pelvis as an adjunct to the digital examination, Bluth EI; Ferrari BT; Sullivan MA, (Radiology), 153:

sonographic appearance of pelvic extramedullary hematopoiesis, Campbell WE Jr; Weinstein BJ, (J Ultrasound Med), 5: 103, 1986

sonographic demonstration of bladder-flap hematoma, Winsett MZ; Fagan CJ; Bedi DG, (J Ultrasound Med), 5: 483, 1986

onographic detection of subtle pelvic fluid collections, Nyberg DA; Laing FC; Jeffrey RB Jr, (AJR), **143**: 261, 1984

sonographic evaluation of the testicular feminization syndrome, Schwimer SR; Rubinstein L; Lebovic J, (J Ultrasound Med),

sonography of vesical and perivesical abnormalities in children, Friedman AP Haller JO; Schulze G; et al, (Radiology), 152: 852, 1984

split image artifact in pelvic ultrasonography: anatomy and physics, Sauerbrei EE, (J Ultrasound Med), 4: 29, 1985

transvaginal pelvic ultrasonography: accuracy in follicle and cyst size determination, Schwimer SR; Lebovic J, (J Ultrasound Med), 4: 61, 1985

percutaneous temporary embolization of the internal pudendal arteries in idiopathic priapism: 2 additional cases, Belgrano E; Puppo P, Quuttrini S; et al, (Radiology), **153**: 848, 1984

Penis, angiography simplified technique of internal pudendal angiography in the investigation of impotence, St. Louis EL; Gray RR; Grosman H, (Cardiovasc Intervent Radiol), 9: 22, 1986

Penis, cavernosography

ens, cavernosography
assessment of impotence with
cavernosography, Friedenberg RM,
(Radiology), 161: 842, 1986
cavernosography in conjunction with artificial
erection for evaluation of venous leakage in
impotent men, Malhotra CM; Balko A; Wincze JP; Bansal S; Susset JG, (Radiology) 161: 799, 1986

erectile dysfunction caused by venous leakage: treatment with detachable balloons and coils, Courtheoux P; Maiza D; Henriet J-P; Vaislic CD; Evrard C; Theron J, (Radiology), 161: 807, 1986

impotence: evaluation with cavernosography, Delcour C; Wespes E; Vandenbosch G; Schulman CC; Struyven J, (Radiology), **161**: 803, 1986

Penis, diseases

partial priapism: role of CT in its diagnosis, Burkhalter JL; Morano JU, (Radiology), 156:

Peyronie's disease and erectile failure, Metz P; Ebbehoj J; Uhrenholdt A; et al, (Radiology), 152: 842, 1984

Penis, radionuclide studies

penile xenon (133Xe) washout: a rapid method Ae) wasnout: a rapid metho of screening for vasculogenic impotence, Nseyo UO; Wilbur HJ; Kang SA; et al, (Radiology), **152**: 870, 1984

Penis, therapeutic radiology

external-beam irradiation of carcinoma of the penis, Sagerman RH; Yu WS; Chung CT; Puranik A, (Radiology), 152: 183, 1984

sonographic appearance of an inflatable penile prosthesis, Quinn MJ; Meilstrup JW; Nealey P, (J Ultrasound Med), 4: 567, 1985

vasculogenic impotence evaluated by highresolution ultrasonography and pulsed Doppler spectrum analysis, Lue TF; Hricak H; Marich KW; Tanagho EA, (Radiology), 155: 777, 1985

Peptic ulcer

abnormalities of interdigestive motility complex and increased duodenogastric reflux in gastric ulcer patients, Miranda M; Defilippi (D; Valenzuela JE, (Radiology), 156: 265, 1985

distribution of gastric ulcers by double contrast barium meal with endoscopic correlation, Thompson GT; Stevenson GW; Somers SS; et al. (Radiology), 153: 267, 1984

duodenal ulceration presenting in childhood. longterm follow-up, White A; Carachi R; Young DG, (Radiology), **152:** 851, 1984

effects of aspirin and prostaglandin E<sub>2</sub> on interdigestive motility complex and duodenogastric reflux in man, Dooley CP; Mello WD; Valenzuela JE, (Radiology), **158**:

fistulation to the pancreatic duct complicating duodenal peptic ulcer, Merrill JR, (Radiology), **156**: 856, 1985

gelfoam powder embolization of the left gastric artery in treatment of massive small-vessel gastric bleeding, Rosch J; Keller FS; Kozak B; Niles N; Dotter CT, (Radiology), 151: 365, 1984

giant gastric ulcers: review of 49 cases, Barragry TP; Blatchford JW III; Allen MJO, (Radiology), **161**: 282, 1986

interobserver variation in the radiographic diagnosis of duodenal ulcer disease, Gjorup T; Nielsen H; Jensen LB; et al, (Acta Radiol [Diagn]), 27: 41, 1986

location and size of gastric ulcers: radiologic and endoscopic evaluation, Gelfand DW; Dale WJ; Ott DJ, (AJR), 143: 755, 1984

monthly fluctuations of active duodenal ulcers, Palmas F; Andriulli A; Canepa G; et al, (Radiology), **156**: 264, 1985

nonstenotic ulcers of the small bowel, Pringot J; Goncette L; Ponette E; Boverie J; Navez J-P; Anslot P; Mahieu P; Bodart P, (Radiographics), 4: 357, 1984

positive predictive value and examiner variability in diagnosing duodenal ulcer, Ott DJ; Chen YM; Gelfand DW; et al, (AJR), 145: 1207, 1985

radiologic detection of duodenal ulcers: effects of examiner variability, ulcer size and location, and technique, Gelfand DW; Dale WJ; Ott DJ; et al. (AJR), 145: 551, 1985

Peptic ulcer, complication

computed tomographic findings in penetrating peptic ulcer, Madrazo BL; Halpert RD; Sandler MA; Pearlberg JL, (Radiology), 153: 751, 1984

Peptic ulcer, diagnosis

gastric ulcer localization by direct in vivo labeling of sucralfate: work in progress, Pera A; Seevers RH; Meyer K; Hall C; Bekerman C; Anderson TM; Katzen H; Laakso L; Pinsky SM, (Radiology), **156**: 783,

gastric ulcer localization by direct in vivo labeling of sucralfate, Tietze P; Gratz KF; Hundeshagen H, (Radiology), **161**: 569, 1986

gastric ulcer localization by direct in vivo labeling of sucralfate: reply, Seevers RH, (Radiology), **161**: 569, 1986

radiographic efficacy in gastric ulcer: comparison of single-contrast and multiphasic examinations, Ott DJ; Chen YM; Gelfand DW; et al. (AJR), 147: 697, 1986

Peptic ulcer, perforation gastropericardial fistula presenting as acute cardiac tamponade. a case report, Nicolaou N; Katz G; Conlan AA, (Radiology), 152: 840, 1984

(Radiology), 152: 840, 1984 intrapleural perforation of peptic ulcer in association with diaphragmatic hernia, McDonald CF; Walbaum PR; Sircus W; et al, (Radiology), 157: 279, 1985 Peptic ulcer, radionuclide studies

gastric ulcer localization by direct in vivo labeling of sucralfate: work in progress, Pera A; Seevers RH; Meyer K; Hall C; Bekerman C; Anderson TM; Katzen H; Laakso L; Pinsky SM, (Radiology), **156**: 783, 1985

Peptic ulcer, US studies

ultrasonographic findings in peptic ulcer disease and pancreatitis that simulate primary gallbladder disease, Nyberg DA; Laing FC, (Radiology), 151: 833, 1984

Perfluoroctylbromide

perfluoroctylbromide as a contrast agent for computed tomographic imaging of septic and aseptic arthritis, Sartoris DJ; Guerra JJ Jr; Mattrey RF; et al, (Invest Radiol), 21: 49,

Pericardiotomy

See Pericardium, surgery

Pericarditis

cardiac gallium citrate concentration, Syke HW; Rao BR, (Radiology), 153: 282,

1984
constrictive pericarditis: assessment of current diagnostic procedures, Nishimura RA; Connolly DC; Parkin TW; et al., (Radiology), 157: 563, 1985
detection of postcardiotomy bacterial pericarditis with gallium-67 citrate, Zuckier LS; Weissmann HS; Goldman MJ; et al., (Clin Nucl Med), 11: 276, 1986.

differentiation of constrictive pericarditis from restrictive cardiomyopathy by computed tomographic imaging, Isner JM; Carter BL; Bankoff MS; et al. (Radiology), 151: 271,

1994
experimental pericardial inflammation
evaluated by computed tomography,
Hackney D; Slutsky RA; Mattrey R;
Peck WW; Abraham JL; Shabetai R;
Higgins CB, (Radiology), 151: 145, 1984

allium-67 citrate localization in the heart secondary to constrictive pericarditis with myocardial fibrosis, Moreno AJ; Brown JM; Spicer MJ; et al, (Radiology), 153: 574, 1984

gallium-67 scanning: a new diagnostic approach to the post-pericardiotomy syndrome, Bufalino VJ; Robinson JA; Henkin R; et al, (Radiology), **152**: 269, 1984

legionella pneumophila pericarditis proved by culture of pericardial fluid, Mayock R; Skale B; Kohler RB, (Radiology), 153: 266,

magnetic resonance imaging of the pericardium: normal and pathologic findings, Stark DD; Higgins CB; Lanzer P; Lipton MJ; Schiller N; Crooks LE; Botvinick EH; Kaufman L, (Radiology), 150: 469, 1984

Pericardium

traumatic intrapericardial diaphragmatic hernia, Cremers PTJ, (Semin Roentgenol), 19: 81, 1984

Pericardium, abnormalities

cardiac levorotation: cause of false-positive epicardial fat pad sign, Hirji MK; Johnson MA; Hennig RC, (Radiology), **161**: 659, 1986 659, 1986

CT evaluation of distended pericardial recess presenting as a mediastinal mass, Shin MS; Jolles PR; Ho K-J, (JCAT), 10: 860, 1986

diagnosis of congenital absence of left pericardium by MR imaging, Gutierrez FR; Shackelford GD; McKnight RC; et al, (JCAT), 9: 551, 1985

MRI of the abnormal pericardium, Sechtem U; Tscholakoff D; Higgins CB, (AJR), 147: 245,

Pericardium, calcification

ericardum, calcification constrictive pericardial disease: prognostic significance of a nonvisualized left ventricular wall, Rienmuller R; Doppman JL; Lisner J; Kemkes B-M; Strauer B-E, (Radiology), 156: 753, 1985

## Pericardium, CT

constrictive pericardial disease: prognostic significance of a nonvisualized left ventricular wall, Rienmuller R; Doppman JL; Lissner J; Kemkes B-M; Strauer B-E, (Radiology), 156: 753, 1985

CT diagnosis of congenital intrapericardial masses, Moncada R; Baliga K; Moguillansky SJ; et al, (JCAT), 9: 56, 1985

CT evaluation of distended pericardial recess presenting as a mediastinal mass, Shin MS; Jolles PR; Ho K-J, (JCAT), 10: 860, 1986

CT of the pericardial recesses, Levy-Ravetch M; Auh YH; Rubenstein WA; et al, (AJR), 144: 707, 1985

experimental pericardial inflammation evaluated by computed tomography, Hackney D; Slutsky RA; Mattrey R; Peck WW; Abraham JL; Shabetai R; Higgins CB, (Radiology), 151: 145, 1984

pericardial abscess: diagnosis using two-dimensional echocardiography and CT, Johnson MA; Hirji MK; Hennig RC; Williams D, (Radiology), 159: 419, 1986

pericardial varices demonstrated by computed tomography, Millward SF; Ramsewak W; Joseph G; et al, (JCAT), 9: 1106, 1985

rapid-acquisition computed tomography demonstration of chronic calcified pericardial constriction, Rees MR; MacMillan RM; Flicker 5; et al. (CT), 10: 183,

superior pericardial recess simulating aortic dissection on computed tomography, Chiles C; Baker ME; Silverman PM, (JCAT), 10: 421, 1986

superior sinus of the pericardium: CT appearance, Aronberg DJ; Peterson RR; Glazer HS; Sagel SS, (Radiology), 153: 489,

Pericardium, cysts

CT diagnosis of congenital intrapericardial masses, Moncada R; Baliga K; Moguillansky SJ; et al, (JCAT), 9: 56, 1985

magnetic resonance imaging of benign mediastinal masses, Gamsu G; Stark DD; Webb WR; Moore EH; Sheldon PE, (Radiology), 151: 709, 1984

magnetic resonance imaging of the pericardium: normal and pathologic findings, Stark DD; Higgins CB; Lanzer P; Lipton M; Schiller N; Crooks LE; Botvinick EH; Kaufman L, (Radiology), 150:

pericardial cyst with high CT numbers, Brunner DR; Whitley NO, (AJR), 142: 279,

## Pericardium, effusion

See Pericardium, fluid

## Pericardium, fibrosis

constrictive pericardial disease: prognostic significance of a nonvisualized left ventricular wall, Rienmuller R; Doppman IL; Lissner J; Kemkes B-M; Strauer B-E, (Radiology), **156**: 753, 1985

Pericardium, fluid

cardiac levorotation: cause of false-positive epicardial fat pad sign, Hirii MK; Johnson MA; Hennig RC, (Radiology), **161**: 659, 1986

echocardiographic demonstration of pericardial fluid adjacent to the right atrial wall, Challender JG; Winsberg F, (Radiology), **150**: 615, 1984

experimental pericardial inflammation evaluated by computed tomography, Hackney D, Slutsky RA; Mattrey R; Peck WW; Abraham JL; Shabetai R; Higgins CB, (Radiology), 151: 145, 1984

magnetic resonance imaging of the pericardium: normal and pathologic findings, Stark DD; Higgins CB; Lanzer P; Lipton MJ; Schiller N; Crooks LE; Botvinick EH; Kaufman L, (Radiology), 150: 469, 1984

pericardial abscess: diagnosis using two dimensional echocardiography and CT, Johnson MA; Hirji MK; Hennig RC; Williams D, (Radiology), **159:** 419, 1986

pericardial effusion presenting as an anterior mediastinal mass, Schlesinger AE; Fernbach SK, (Pediatr Radiol), **16**: 65, 1986

thallium-201 imaging in pericardial effusion, Nestico PF; Hakki A-H; Iskandrian AS; et al, (Clin Nucl Med), 11: 213, 1986

Pericardium, inflammation

See Pericarditie

Pericardium, MR studies

magnetic resonance imaging of the superior pericardial recesses, McMurdo KK; Webb WR; von Schulthess GK; et al, (AJR), 145: 985, 1985

MR imaging of an intrapericardial pheochromocytoma, Fisher MR; Higgins CB; Andereck W, (JCAT), 9: 1103, 1985 MRI of the abnormal pericardium, Sechtem U; Tscholakoff D; Higgins CB, (AJR), 147: 245, 1986

MRI of the normal pericardium, Sechtem U; Tscholakoff D; Higgins CB, (AJR), 147: 239, 1986

Pericardium, neoplasms
CT diagnosis of congenital intrapericardial
masses, Moncada R; Baliga K;
Moguillansky SJ; et al., (ICAT), 9: 56, 1985

magnetic resonance imaging of the pericardium: normal and pathologic findings, Stark DD; Higgins CB; Lanzer P; Lipton MJ; Schiller N; Crooks LE; Botvinick EH; Kaufman L, (Radiology), 150: 469, 1984

hur imaging of an intrapericardial pheochromocytoma, Fisher MR; Higgins CB; Andereck W, (JCAT), 9: 1103, 1985

Pericardium, radionuclide studies

detection of postcardiotomy bacterial pericarditis with gallium-67 citrate, Zuckier LS; Weissmann HS; Goldman MJ; et al, (Clin Nucl Med), 11: 276, 1986

aplium-67 scanning: a new diagnostic approach to the post-pericardiotomy syndrome, Bufalino VJ; Robinson JA; Henkin R; et al, (Radiology), 152: 269, 1984

thallium-201 imaging in pericardial effusion, Nestico PF; Hakki A-H; Iskandrian AS; et al, (Clin Nucl Med), 11: 213, 1986

Pericardium, stenosis

reproductions are the computed tomography demonstration of chronic calcified pericardial constriction, Rees MR; MacMillan RN; Flicker S; et al. (CT), 10: 183,

Pericardium, surgery cardiac herniation and volvulus: radiographic findings, Brady MB; Brogdon BG, (Radiology), 161: 657, 1986

(Radiology), 161: 657, 1986 constrictive pericardial disease: prognostic significance of a nonvisualized left ventricular wall, Rienmuller R; Doppman JL, Lissner J; Kemkes B-M; Strauer B-E, (Radiology), 156: 753, 1985 pericardiophrenic hernia secondary to a surgically created peritoneal and pericardial window, Ames MD; Kaczmarski (J; Sahar DI; et al, (Radiology), 160: 857, 1986 ericardium IJS studies

Pericardium, US studies

application of 2-dimensional contrast studies during pericardiocentesis, Chandraratna PAN; Reid CL; Nimalasuriya A; et al, (Radiology), 152: 264, 1984

Pericardium, varices pericardial varices demonstrated by computed tomography, Millward SF; Ramsewak W; Joseph G; et al., (JCAT), 9: 1106, 1985

Perineum, CT

partial priapism: role of CT in its diagnosis, Burkhalter JL; Morano JU, (Radiology), 156: 159, 1985

eriosteum
mode of progression of subperiosteal
resorption in the hyperparathyroidism of
chronic renal failure, Meema HE;
Oreopoulos DC, (Radiology), 153: 562, 1984
periosteal osteosarcoma, Hall RB;
Robinson LH; Malawar MM; et al,
(Radiology), 156: 268, 1985

(Kadiology), 156: 268, 1985
periosteal resorption and periosteal neostosis:
comparison of normal subjects and renal
failure patients on chronic ambulatory
peritoneal dialysis using MOP-3 image
analysis system and a grading method,
Meema HE; Oreopoulos DG; Murray TM,
(Skeletal Radiol), 15: 14, 1986
printer of the propoulos of th

Periosteum, abscess

subperiosteal abscess of the orbit, Harris GJ, (Radiology), **150**: 862, 1984

Periosteum, hemorrhage

subperiosteal hematoma: another scintigraphic "doughnut", Mandell GA; Harcke HT, (Clin Nucl Med), 11: 35, 1986

Periosteum, inflammation See Periostitis

#### Periostitis

CT features of reactive periostitis in the humerus: lesion resembling myositis ossificans, Donoghue V; Daneman A; Mancer K; et al, (JCAT), 9: 401, 1985

florid reactive periostitis of the phalanges, Porter AR; Tristan TA; Rudy FR; et al, (AJR), 144: 617, 1985

periosteal changes secondary to prostaglandin administration, Ringel RE; Haney PJ; Brenner JI; et al, (Radiology), **151**: 823, 1984

periostitis and osteomyelitis in chronic drug addicts, Taylor CR; Lawson JP, (Skeletal Radiol), 15: 209, 1986

periostitis in an infant with cytomegalovirus infection acquired after birth, Pearl KN; Dearlove J; Chin KS, (Radiology), **154**: 853,

#### Peritoneum

anatomy and imaging of the lesser peritoneal sac, Dodds WJ; Foley WD; Lawson TL; et al, (AJR), 144: 567, 1985

detailed per-oral small bowel examination vs. enteroclysis. part I: expenditures and radiation exposure; part II: radiographic accuracy, Ott DJ; Chen YM; Gelfand DW; Van Swearingen F; Munitz HA, (Radiology), 155: 29, 1985

lesser sac abscesses and fluid collections drainage by transhepatic approach, Mueller PR, Ferrucci JT Jr; Simeone JF; Butch RJ; Wittenberg J; White M; Brown AS, (Radiology), 155: 615, 1985

peritoneal encapsulation and abdominal cocoon: case reports and a review of the literature, Sieck JO; Cowgill R; Larkworthy W, (Radiology), **151**: 259, 1984

### Peritoneum, calcification

serous carcinoma of the ovary: CT identification of metastatic calcified implants, Mitchell DG, Hill MC; Hill SC; Zaloudek C, (Radiology), **158**: 649, 1986

## Peritoneum, CT

ascites or pleural effusion? CT differentiation: four useful criteria, Halvorsen RA Jr; Fedyshin PJ; Korobkin M; Foster WL Jr; Thompson WM, (Radiographics), 6: 135,

calcification of pseudomyxoma peritonei following intraperitoneal chemotherapy: CT demonstration, Miller DL; Udelsman R; Sugarbaker PH, (JCAT), 9: 1123, 1985

calcified peritoneal metastases from papillary cystadenocarcinoma of the ovary: CT features, Pandolfo I; Blandino A; Gaeta M; et al, (JCAT), 10: 545, 1986

computed tomography and magnetic resonance of pseudomyxoga peritonei, Weigert F; Lindner P; Rohde U, (JCAT), 9: 1120, 1985

CT appearance of a surgically retained towel (gossypiboma), Sheward SE; Williams AG Jr; Mettler FA Jr; et al, (JCAT), 10: 343, 1986

CT of pseudomyxoma peritonei: case report, Masaryk TJ; Chilcote WA, (Radiology), 152:

CT peritoneography in evaluation of pediatric dialysis complications, Magill HL; Roy S III; Stapleton FB, (AJR), 147: 325, 1986

extraperitoneal paravesical spaces: CT delineation with US correlation, Auh YH; Rubenstein WA; Schneider M; Reckler JM; Whalen JP; Kazam E, (Radiology), **159**: 319,

gastrohepatic ligament: normal and pathologic CT anatomy, Balfe DM; Mauro MA; Koehler RE; Lee JKT; Weyman PJ; Picus D; Peterson RR, (Radiology), **150**: 485, 1984

intraperitoneal paravesical spaces: CT delineation with US correlation, Auh YH; Rubenstein WA; Markisz JA; Zirinsky K; Whalen JP; Kazam E, (Radiology), **159**: 311,

posterior peritoneal recesses: assessment using CT, Rubenstein WA; Auh YH; Zirinsky K; Kneeland JB; Whalen JP; Kazam E, (Radiology), 156: 461, 1985

pseudomyxoma peritonei: preoperative diagnosis by ultrasound and computed tomography. a case report, Hann L; Love S; Goldberg RP, (Radiology), 151: 545, 1984

## Peritoneum, hemorrhage

intraperitoneal hemorrhage diagnosed by technetium-99m labeled RBC imaging, Czarnecki DJ, (Clin Nucl Med), 11: 617, 1986

transcatheter embolization of liver capsule perforation during transvenous liver biopsy, Braillon A; Revert R; Remond A; et al, (Gastrointest Radiol), 11: 279, 1986

## Peritoneum, inflammation

See Peritonitis

## Peritoneum, MR studies

computed tomography and magnetic resonance of pseudomyxoma peritonei, Weigert F; Lindner P; Rohde U, (JCAT), 9: 1120, 1985

#### Peritoneum, neoplasms

calcified peritoneal metastases from papillary cystadenocarcinoma of the ovary: CT features, Pandolfo I; Blandino A; Gaeta M; et al, (JCAT), 10: 545, 1986

differentiation of benign from malignant ascites by sonographic evaluation of gallbladder wall, Tsujimoto F; Miyamoto Y; Tada S, (Radiology), 157: 503, 1985

peritoneal lymphomatosis with ascites: characterization, Runyon BA; Hoefs JC, (Radiology), **161**: 282, 1986

sonographic findings in leiomyomatosis peritonealis disseminata: case report and literature review, Renigers SA; Michael AS; Bardawil WA; et al, (J Ultrasound Med), 4:

#### Peritoneum, radionuclide studies

gallium scanning in peritoneal mesothelioma, Armas RR; Goldsmith SJ, (AJR), 144: 563,

In-111-leukocyte scintigraphy for detection of infection associated with peritoneal dialysis catheters, Kipper SL; Steiner RW; Witztum KF; Basarab RM; Kipper MS; Halpern SE; Ashburn WL, (Radiology), 151:

intraperitoneal hemorrhage diagnosed by technetium-99m labeled RBC imaging, Czarnecki DJ, (Clin Nucl Med), 11: 617, 1986

Czarnecki DJ, (Clin Nucl Med), 11: 617, 1986 uptake of <sup>99</sup>m<sup>2</sup>rc MDP by pseudomyxoma peritonei: a case report, Tu'meh SS; Polak JF; Kaplan WD, (Radiology), 153: 282, 1984 whole-body distribution of radioactivity after intraperitoneal administration of <sup>32</sup>P colloids, Boye E; Lindegaard MW; Paus E; et al, (Radiology), 154: 571, 1985

## Peritoneum, US studies

butterfly sign: an indicator of fluid within both the greater peritoneal cavity and the lesser omental bursa, Weill FS; Rohmer P; Belloir A; et al, (Radiology), 151: 559, 1984

extraperitoneal paravesical spaces: CT delineation with US correlation, Auh YH; Rubenstein WA; Schneider M; Reckler JM; Whalen JP; Kazam E, (Radiology), 159: 319,

intraperitoneal paravesical spaces: CT delineation with US correlation, Auh YH; Rubenstein WA; Markisz JA; Zirinsky K; Whalen JP; Kazam E, (Radiology), **159**: 311,

noncystic appearance of intraperitoneal Echinococcus on ultrasonic examination, Davies RP; Kennedy G; Chatterton BE, (JCU), **14**: 55, 1986

pneumoperitoneum detected by ultrasound, Nirapathpongporn 5; Osatavanichvong K; Udompanich O; Pakanan P, (Radiology), 150: 831, 1984

pseudomyxoma peritonei: preoperative diagnosis by ultrasound and computed tomography, a case report, Hann L; Love S; Goldberg RP, (Radiology), 151: 545, 1984

ultrasonic anatomical study of the lesser omental sac: a pictorial essay, Weill FS; Perriguey G; Belloir A; et al, (Radiology), 150: 868, 1984

## Peritonitis

computed tomography in the evaluation of diverticulitis, Hulnick DH; Megibow AJ; Balthazar EJ; Naidich DP; Bosniak MA, (Radiology), 152: 491, 1984

ibroadhesive meconium peritonitis: in utero sonographic diagnosis, Nancarrow PA; Mattrey RF; Edwards DK; et al, (J Ultrasound Med), 4: 213, 1985

importance of mesenteric vascular insufficiency in meconium peritonitis, Tibboel D; Gaillard JLJ; Molenaar JC, (Radiology), **161**: 858, 1986

(naunology), 101: 858, 1986
In-111-leukocyte scintigraphy for detection of infection associated with peritoneal dialysis catheters, Kipper SL; Steiner RW; Witztum KF; Basarab RM; Kipper MS; Halpern SE; Ashburn WL, (Radiology), 151: 491, 1984

meconium peritonitis with thoracic extension, Kimball D; Smith W, (AJR), 144: 113, 1985

pediatric case of the day, Day DL; Allan BT, (AJR), 144: 1296, 1985

sonographic demonstration of the progression of meconium peritonitis, Williams J III; Nathan RO; Worthen NJ, (Radiology), 156: 282, 1985

Tuberculous peritonitis: CT appearance, Hanson RD; Hunter TB, (AJR), 144: 931, 1985

## Perthes-Calve-Legg disease

See Osteochondritis, deformans juvenilis

## Petrous bone

See Temporal bone

Phagocytes and phagocytosis

effects of therapeutic ultrasound on the activity of the mononuclear phagocyte system in vivo, Saad AH; Williams AR, (Ultrasound Med Biol), 12: 145, 1986

See also Test objects

accuracy of area measurements made from MR images compared with computed tomography, Zhu XP; Checkley DR; Hickey DS; et al, (JCAT), 10: 96, 1986

agarose as a tissue equivalent phantom material for NMR imaging, Mitchell MD; Kundel HL; Axel L; et al, (Magn Res Imag), 4: 263, 1986

anthropomorphic radiologic phantoms, Yaffe MJ; Johns PC; Nishikawa RM; Mawdsley GE; Caldwell CB, (Radiology), 158: 550, 1986

breast mass detection by US: phantom study, Davros WJ; Madsen EL; Zagzebski JA, (Radiology), **156**: 773, 1985

comparison of the performance of commercial ultrasound breast scanners versus a laboratory instrument, Baum G, (Radiology), 152: 268, 1984

correlation of scintigraphy and angiography for ventricular volume determinations using realistic cardiac phantoms: unimportance of self-attenuation, Simon TR; Dowdey JE; Lipscomb KM; Smitherman TC, (Radiology), 154: 232, 1985

194: 234, 1985
CT of the pulmonary nodule: cooperative study, Zerhouni EA; Stitik FP; Siegelman SS; Naidich DP; Sagel SS; Proto AV; Muhm JR; Walsh JW; Martinez CR; Heelan RT; Brantly P; Bozeman RE; Disantis DJ; Ettenger N; McCauley D; Aughenbaugh GL; Brown LR; Miller WE; Litt AW: Leo FP; Fishman EK; Khouri NF, (Radiology), 160: 210-1085 319, 1986

CT scanning phantom for normalization of infant brain attenuation, Thompson JR; Triolo PJ; Moore RJ; et al, (AJNR), 5: 167,

1994
dedicated CT technique for scanning neonates,
Lassen MN, (Radiology), 161: 363, 1986
digital and conventional chest imaging:
modified ROC study of observer
performance using simulated nodules,
Chakraborty DP; Breatnach ES; Yester MV;
Soto B; Barnes GT; Fraser RG, (Radiology),
158: 35, 1986

digital subtraction angiography system evaluation with phantoms, Wenstrup RS; Sweeney KP; Scholz FJ, (Radiology), 155: 805, 1985

digital subtraction angiography systems: assessing performance with phantoms Goodsitt MM; Abbate L; Hesselink JR, (Radiology), 156: 811, 1985

dynamic and static phantoms for evaluation of digital subtraction angiography systems, Fujita H; Doi K; Chan H-P; Ciger ML; Duda EE, (Radiology), 155: 799, 1985

evaluation of a chest phantom for CT nodule densitometry, de Geer G; Gamsu G; Cann CE; et al, (AJR), 147: 21, 1986 foamed epoxy resin-based lung substitutes, White DR; Constantinou C; Martin RJ, (Br J Radiol), 59: 787, 1986

gallium-67 lung uptake: conjugate-view technique, Grossman LW; Fernandez-Ulloa M; Lukes SJ; Mantil J, (Radiology), 157: 789, 1985

gamma camera phantom support stand for safer and faster non-uniformity measurement procedures, Hall RC; Etchells AH, (Br J Radiol), 59: 701, 1986 EXCREIS ATI, (BT | RADIO]), 59: 701, 1986 mammographic microcalcifications: detection with xerography, screen-film, and digitized film display, Smathers RI, Bush E; Drace J; Stevens M; Sommer FG; Brown BW Jr; Karras B, (Radiology), 159: 673, 1986

retrocardiac phantom image on hypocycloidal chest tomograms, Stenoien R; Mootz AR; Landay MJ II. (Radiology), 161: 671, 1986 three-dimensional finite-difference thermoregulatory model of a squirrel monkey, Spiegel RJ; Fatmi MBE, (Int J Radiat Oncol Biol Phys), 12: 983, 1986 versatile test-object for the calibration of ultrasonic Doppler flow instruments, McDicken WN, (Ultrasound Med Biol), 12: 245, 1986

245, 1986

Pharmacoangiography catheter-directed low dose streptokinase infusion: a preliminary experience, Risius B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW, (Radiology), 150: 349, 1984

prostaglandins in diagnostic and therapeutic superior mesenteric artery pharmacoangiography, Burgener FA; Gutierrez OH, (Invest Radiol), 21: 210, 1986

vasoconstrictive effects of prostaglandin F2 alpha angiography on colonic lesions, Yuasa Y, Kohda E, Ido K; Kodera K; Narimatsu Y, Isobe Y; Hiramatsu K, (Radiology), 151: 305, 1984

Pharynx

narynx cricopharyngeal muscle: a videorecording review, Curtis DJ; Cruess DF; Berg T, (AJR), 142: 497, 1984 normal movements of the hyoid bone during swallow, Ekberg O, (Invest Radiol), 21: 408, 1986

radiologic evaluation of swallowing, Donner MW, (Radiology), 157: 279, 1985 videofluoroscopic identification of two types of swallowing, Curtis DJ; Cruess DF, (Radiology), 152: 305, 1984 Pharynx, abnormalities

fourth pharyngeal pouch sinus, Ostfeld E; Segal J; Auslander L; et al, (Radiology), **161**: 286, 1986

velopharyngeal insufficiency on videofluoroscopy: comparison of projections, Stringer DA; Witzel MA, (AJR), 146: 15, 1986

Pharynx, abscess

retropharyngeal abscess. a ten year experience, Barrattum GE; Koopman CF; Coulthard SW, (Radiology), 155: 282, 1985

Pharynx, CT CT in the evaluation of the normal and diseased oral cavity and oropharynx, Hardin CW; Harnsberger HR; Osborn AG; et al, (Semin US CT MR), 7: 131,

imaging the laryngopharynx, Lufkin RB; Hanafee WN, (Semin US CT MR), 7: 166,

magnetic resonance imaging versus computed tomography: comparison in imaging oral cavity and pharyngeal carcinomas, Schaefer SD; Maravilla KR; Suss RA; et al, (Radiology), 160: 860, 1986

traumatic perforation of the pyriform sinus: CT demonstration, Ward MP; Glazer HS; Heiken JP; et al, (JCAT), 9: 982, 1985

Pharynx, injuries

narynx, injuries
traumatic perforation of the hypopharynx—an
unusual form of abuse, McDowell HP;
Fielding DW, (Radiology), 155: 551, 1985
traumatic perforation of the pyriform sinus:
CT demonstration, Ward MP; Glazer HS; Heiken JP; et al, (JCAT), 9: 982, 1985

Pharynx, MR studies

imaging the laryngopharynx, Lufkin RB; Hanafee WN, (Semin US CT MR), 7: 166,

tomography: comparison in imaging oral cavity and pharyngeal carcinomas, Schaefer SD; Maravilla KR; Suss RA; et al, (Radiology), 160: 860, 1986

oral cavity and tongue: magnetic resonance imaging, Unger JM, (Radiology), 155: 151, 1985

Pharynx, neoplasms carcinoma of the pyriform sinus: analysis of 102 cases, Driscoll WG; Nagorsky MJ; Cantrell RW; et al, (Radiology), 151: 269, 1984

1984
computed tomography of upper aerodigestive tract squamous cell carcinoma. assessment following induction chemotherapy, Schaefer SD; Merkel M; Burns DK; et al, (Radiology), 153: 856, 1984
magnetic resonance imaging versus computed tomography: comparison in imaging oral cavity and pharyngeal carcinomas, Schaefer SD; Maravilla KR; Suss RA; et al, (Radiology), 160: 860, 1986

malignant teratoma of the parapharyngeal space in an adult: rare lesion presenting as cervical cord compression, Sacher M; Som PM; Lanzieri CF; et al. (CT), 10: 37, 1986

parapharyngeal space masses: an updated protocol based upon 104 cases, Som PM; Biller HF; Lawson W; Sacher M; Lanzieri CF, (Radiology), 153: 149, 1984

tumors of the parapharyngeal space, Shoss SM; Donovan DT; Alford BR, (Radiology), **161**: 286, 1986

Pharynx, radiography

barium pharyngography: comparison of single and double contrast, Semenkovich JW; Balfe DM; Weyman PJ; et al, (AJR), 144: 715,

videofluoroscopic identification of two types of swallowing, Curtis DJ; Cruess DF, (Radiology), 152: 305, 1984

Waters projection for evaluation of lateral pharyngeal wall movement in speech disorders, Stringer DA; Witzel MA, (AJR), 145: 409, 1985

Pharvnx, stenosis

cricopharyngeal ring: case report, Cumming WA; Akhtar M; Ferentzi C; et al, (Pediatr Radiol), 16: 152, 1986

hypopharyngeal stenosis, McConnel FMS; Duck SW; Hester TR, (Radiology), 156: 280,

Pharynx, therapeutic radiology

carcinoma of the pyriform sinus: analysis of 102 cases, Driscoll WG; Nagorsky MJ; Cantrell RW; et al, (Radiology), **151**: 269,

comparative review of the Hammersmith (1971-75) and Edinburgh (1977-82) neutron therapy trials of certain cancers of the oral cavity, oropharynx, larynx and hypopharynx, Medical Research Council Neutron Therapy Working Group, (Br J Radiol), 59: 429, 1986

primary radiotherapy of larynx and pharynx carcinoma—an analysis of some factors influencing local control and survival, Overgaard J; Hansen HS; Jorgensen K; et al, (Int J Radiat Oncol Biol Phys), 12: 515, 1986

radiation treatment of carcinoma of the oropharynx, Zhang Z-X; Hu Y-H; Xu G-Z; et al, (Radiology), 151: 836, 1984

role of radiation therapy in carcinoma of the hypopharynx, Ahmad K; Fayos JV, (Radiology), 155: 558, 1985

Pharynx, ulcers

idiopathic ulceration of the hypopharynx, Harrison DFN, (Radiology), 158: 286, 1986

Pheochromocytoma

adrenal masses differentiated by MR, Reinig JW; Doppman JL; Dwyer AJ; Johnson AR; Knop RH, (Radiology), 158: 81,

bone metastases in pheochromocytoma: comparative studies of efficacy of imaging, Lynn MD; Braunstein EM; Wahl RL; Shapiro B; Gross MD; Rabbani R, (Radiology), 160: 701, 1986

case of the winter season, Htoo MM, (Semin Roentgenol), 19: 5, 1984

case reports. phaeochromocytoma and cardiomyopathy, Velasquez G; D'Souza VJ; Hackshaw BT; et al, (Radiology), 152: 840,

detection of distant metastases of a phaeochromocytema with 131Imetaiodobenzylguanidine. a case report, Esser J; Aronovitz F; Saritch I; et al, (Radiology), **154**: 563, 1985

extraudrenal pheochromocytoma: detection during pregnancy using MR imaging, Greenberg M; Moawad AH; Wieties BM; Goldberg LJ; Kaplan EI; Greenberg B; Lindheimer MD, (Radiology), 161: 475, 1986

incidentally discovered adrenal mass, Copeland PM, (Radiology), **154**: 859, 1985

metabolism of iodine-131 metaiodobenzylguanidine in patients with metastatic pheochromocytoma, Mangner TJ; Tobes MC; Wieland DW; et al. (J Nucl Med),

MR imaging of an intrapericardial pheochromocytoma, Fisher MR; Higgins CB; Andereck W, (JCAT), 9: 1103, 1985

MR imaging of pheochromocytomas, Fink IJ; Reinig JW; Dwyer AJ; et al, (JCAT), 9: 454,

new approach to the localisation of phaeochromocytoma: imaging with iodine-131-meta-iodobenzylguanidine, Ackery DM; Tippett PA; Condon BR; et al, (Radiology), 154: 571, 1985

pheochromocytoma and the normal adrenal medulla: improved visualization with I-123 MIBG scintigraphy, Lynn MD; Shapiro B; Sisson JC; Beierwaltes WH; Meyers LJ; Ackerman R; Mangner TJ, (Radiology), 155: 789, 1985

pheochromocytoma: detection by unenhanced CT, Radin DR; Ralls PW; Boswell WD Jr; et al, (AJR), 146: 741, 1986

pheochromocytoma in childhood: the important role of computed tomography in tumour localization, Farrelly CA; Daneman A; Martin DJ; et al, (Radiology), 153: 851, 1984

pheochromocytoma in the pediatric age group: current status, Kaufman BH; Telander RL; van Heerden JA; et al, (Radiology), 152: 853, 1984

pheochromocytoma supplied by the dorsal pancreatic artery, Miller DL; Doppman JL; Andriole GL; et al, (AJR), 145: 385, 1985

plasma catecholamines in pheochromocytoma: effect of urographic contrast media, Raisanen J; Shapiro B; Glazer GM; et al, (AJR), **143**: **43**, 1984

radio-iodobenzylguanidine for the scintigraphic location and therapy of adrenergic tumors, McEwan AJ; Shapiro B; Sisson JC; et al, (Semin Nucl Med), 15: 132,

radiologic features of multiple endocrine neoplasia types IIa and IIb, Dodd GD, (Semin Roentgenol), **20**: **64**, 1985

radiopharmaceutical treatment of malignant pheochromocytoma, Sisson JC; Shapiro B; Beierwaltes WH; et al, (Radiology), 153: 861,

recurrent pheochromocytoma: intrarenal and pulmonary spread, Puech JL; Song MY; Rousseau H; et al, (Urol Radiol), 8: 49, 1986

scintigraphic localisation of a recurrent phaeochromocytoma by means of iodine-131 metaiodobenzylguanidine, Kalff V; Kelly MJ; McCrath B, (Radiology), 156: 284,

unsuspected pheochromocytoma: risk of blood-pressure alterations during percutaneous adrenal biopsy, Casola G; Nicolet V; vanSonnenberg E; Withers C; Bretagnolle M; Saba RM, (Radiology), 159: 733, 1986

use of I-131 MIBG scintigraphy in the evaluation of suspected pheochromocytoma, Swenson SJ, Brown ML; Sheps SG; et al, (Radiology), 157: 575, 1985

Phlebography

See Venography

Phosphorus, MR studies

chronic adult cerebral infarction studied by phosphorus NMR spectroscopy, Bottomley PA; Drayer BP; Smith LS, (Radiology), 160: 763, 1986

in vivo MR spectroscopy with P-31. work in progress, Maudsley AA; Hilal SK; Simon HE; Wittekoek S, (Radiology), 153: 745, 1984

characteristics of an MM 22 medical microtron 21 MV photon beam, George RE; Hartson-Eaton M, (Radiology), 157: 576, 1985

electron contamination of large cobalt 60 photon beams, Sutcliffe JF; Innes GS, (Radiology), **150**: 303, 1984

physical and biologic aspects on the optimum choice of radiation modality, Brahme A, (Radiology), **150**: 872, 1984

physical measurements of heavy metal filter performance, Burgess AE, (Radiology), 157: 288, 1985

physics of radiology. 4th ed., Johns HE; Cunningham JR, Reviewed by Laughlin JS, (Radiology), 152: 194, 1984

uniform focal spot x-ray tube with improved MTF and kW rating, Matsui H; Ono K, (Radiology), 156: 227, 1985

varying gradient angles and offsets to optimize imaging planes in MR, Slone RM; Buck LL; Fitzsimmons JR, (Radiology), 158: 531, 1986

Pick disease

See Mental diseases

Pierre Robin syndrome

complete mandibular agenesis. report of a case, Brecht K; Johnson CM III, (Radiology), 157; 857, 1985

Pierre Robin sequence and hyperphalangy—a genetic entity. Catel-Manzke syndrome, Brude E, (Radiology), 155: 856, 1985

Pineal body, CT

computed tomography of familial pineoblastoma, Peyster RG; Ginsberg F; Hoover ED, (JCAT), 10: 32, 1986

CT of pineal region tumors, Ganti SR; Hilal SK; Stein BM; et al, (AJNR), 7: 97, 1986

diagnosis and management of pineal tumor, Jooma R; Kendall BE, (Radiology), 152: 258, 1984

pineal germinoma: MR imaging, Kilgore DP; Strother CM; Starshak RJ; Haughton VM, (Radiology), **158**: 435, 1986

Pineal body, neoplasms

computed tomography of familial pineoblastoma, Peyster RG; Ginsberg F; Hoover ED, (JCAT), 10: 32, 1986

congenital pineoblastoma in the newborn: ultrasound evaluation, Lilue RE; Jequier S; O'Gorman AM, (Radiology), **154**: 363, 1985

CT of pineal region tumors, Ganti SR; Hilal SK; Stein BM; et al, (AJNR), 7: 97, 1986 diagnosis and management of pineal tumor, Jooma R; Kendall BE, (Radiology), 152: 258,

germinal-cell tumor of the pineal gland, Naidich TP; Cacayorin ED; Stewart WA; et al, (AJR), 146: 1246, 1986

pineal germinoma: MR imaging, Kilgore DP; Strother CM; Starshak RJ; Haughton VM, (Radiology), **158**: 435, 1986

Pinealoma

See Pineal body, neoplasms

Pituitary

CT of the abnormal pituitary stalk, Peyster RG; Hoover ED, (AJNR), 5: 49, 1984

CT of the normal pituitary stalk, Peyster RG; Hoover ED; Adler LP, (AJNR), 5: 45, 1984

hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck, Samaan NA; Vieto R; Schultz PN; et al., (Radiology), **150**: 294, 1984

hypothalamic-pituitary dysfunction in primary empty sella syndrome in childhood, Shulman DI; Martinez CR; Bercu BB; et al, (Radiology), 160: 861, 1986

pituitary enlargement mimicking pituitary tumor, Bilaniuk LT; Moshang T; Cara J; et al, (Radiology), 159: 573, 1986

Pituitary, abscess

CT of pituitary abscess, Fong TC; Jones RD; Long M; et al, (AJR), 144: 1141, 1985

Pituitary, anatomy

measurement of pituitary gland height with MR imaging, Wiener SN; Rzeszotarski MS; Droege RT; et al, (AJNR), 6: 717, 1985

normal pituitary stalk size in children: CT study, Seidel FG; Towbin RB; Kaufman RA, (AJNR), 6: 733, 1985

size, shape, and appearance of the normal female pituitary gland, Wolpert SM; Molitch ME; Goldman JA; et al, (AJNR), 5:

Pituitary, CT

assessment by computed tomography of the response of pituitary macroadenomas to bromocriptine, Chakera TMH; Khangure MS, Pullen P, (Radiology), **157**: 574, 1985

computed tomographic demonstration of the posterior pituitary, Bonneville J-F; Cattin F; Portha C; et al, (AJNR), 6: 889, 1985

CT characteristics of the normal pituitary gland, Brown SB; Irwin KM; Enzmann DR, (Radiology), **150**: 862, 1984

CT follow-up of microprolactinomas during bromocriptine-induced pregnancy, Dietemann JL; Portha C; Cattin F; et al, (Radiology), 151: 271, 1984

CT of pituitary abscess, Fong TC; Jones RD; Long M; et al, (AJR), 144: 1141, 1985

CT of the abnormal pituitary stalk, Peyster RG; Hoover ED, (AJNR), 5: 49, 1984 CT of the abnormal pituitary stalk, Peyster RG; Hoover ED, (Radiology), **154**: 856, 1985

CT of the normal pituitary gland, Peyster RG; Adler LP; Viscarello RR; et al, (Neuroradiol), 28: 161, 1986

CT of the normal pituitary stalk, Peyster RG; Hoover ED; Adler LP, (AJNR), 5: 45, 1984

CT-surgical correlation in pituitary adenomas: evaluation in 113 patients, Davis PC; Hoffman JC Jr; Tindall GT; et al, (AJNR), 6: 711, 1985

high-resolution computed tomography in pituitary microadenoma: is seeing believing?, Teasdale E; Teasdale G; Mohsen F; et al, (Clin Radiol), 37: 227, 1986

high resolution computed tomography of the post partum pituitary gland, Hinshaw DB Jr; Hasso AN; Thompson JR; et al, (Radiology), 155: 859, 1985

normal pituitary stalk size in children: CT study, Seidel FG; Towbin R; Kaufman RA, (AJR), 145: 1297, 1985

(A)K), 143: 129, 1793 pituitary and adrenal CT of Cushing syndrome, Pojunas KW; Daniels DL; Williams AL; et al, (A)NR), 7: 271, 1986 pituitary and adrenal CT of Cushing syndrome, Pojunas KW; Daniels DL; Williams AL; et al, (A)R), 146: 1235, 1986

pituitary and ovarian abnormalities

ntutary and ovarian abnormalities demonstrated by CT and ultrasound in children with features of the McCune-Albright syndrome, Rieth KG; Comite F; Shawker TH; Cutler GB Jr, (Radiology), 153: 389, 1984 pituitary dwarfism: CT evaluation of the

pituitary gland, Inoue Y; Nemoto Y; Fujita K; Aoki H; Takemoto K; Tsukamoto Y; Oda J; Onoyama Y, (Radiology), 159: 171,

pituitary hyperplasia secondary to thyroid failure: CT appearance, Floyd JL; Dorwart RH; Nelson MJ; et al, (AJNR), 5:

prolactin-secreting pituitary adenomas: CT appearance in diffuse invasion, Virapongse C; Bhimani SM; Sarwar M; Greenberg A; Kim J, (Radiology), 152: 447,

prolactin-secreting pituitary microadenomas: inaccuracy of high-resolution CT imaging. Davis PC; Hoffman JC Jr; Tindall GT; et al, (AJNR), 5: 721, 1984

radiology of pituitary adenomas, Wolpert SM, (Semin Roentgenol), 19: 53, 1984

role of computed tomography in the evaluation of pituitary disease, Turski PA; Damm M, (Semin US CT MR), 6: 276, 1985

size, shape, and appearance of the normal female pituitary gland, Wolpert SM; Molitch ME; Goldman JA; et al, (AJNR), 5:

transsphenoidal microsurgery of pituitary macroadenomas with long-term follow-up results, Ciric IS; Mikhael MA; Stafford T; et al, (Radiology), 152: 271, 1984

wall of infundibular recess: CT and MR study, Gomori JM; Grossman RI; Goldberg HI; et al, (JCAT), 9: 705, 1985

Pituitary, diseases

CT of the abnormal pituitary stalk, Peyster RG; Hoover ED, (AJNR), 5: 49, 1984

intracranial histiocytosis X: case report, Beers GJ; Manson J; Carter AP; et al, (CT), **10**: 237, 1986

pituitary and ovarian abnormalities demonstrated by CT and ultrasound in children with features of the McCune-Albright syndrome, Rieth KG; Comite F; Shawker TH; Cutler GB Jr, (Radiology), 153: 389, 1984

pituitary atrophy in Korean (epidemic) hemorrhagic fever: CT correlation with pituitary function and visual field, Lim TH; Chang KH; Han MC; et al. (AJNR), 7: 633,

role of computed tomography in the evaluation of pituitary disease, Turski PA; Damm M, (Semin US CT MR), 6: 276, 1985

Pituitary, hemorrhage

pituitary apoplexy associated with cardiac surgery, Slavin ML; Budabin M, (Radiology), 156: 277, 1985

pituitary apoplexy following closed head trauma. case report, Holness RO; Ogundimu FA; Langille RA, (Radiology), 152: 557, 1984

Pituitary, hypopituitarism

empty sella of normal size in Sheehan's syndrome, Fleckman AM; Schubart UK; Danziger A; et al. (Radiology), 151: 824, 1984 hypopituitarism in association with postaxial polydactyly, Culler FL; Jones KL, (Radiology), 154: 560, 1985

ischemic chiasmal syndrome and hypopituitarism associated with progressive cerebrovascular occlusive disease, Ahmadi J; Keane JR; McCormick GS; et al, (AJNR), 5:

oto, 1984
pituitary dwarfism: CT evaluation of the pituitary gland, Inoue Y; Nemoto Y; Fujita K; Aoki H; Takemoto K; Tsukamoto Oda J; Onoyama Y, (Radiology), 159: 171, 1986

Pituitary, MR studies

explanation and implications of MR signal changes within pituitary adenomas after bromocriptine therapy, Weissbuch SS, (AJNR), 7: 214, 1986

(A)INR), 7: 214, 1980
magnetic resonance imaging of pituitary
lesions using 1.0 to 1.5 T field strength,
Bilaniuk LT; Zimmerman RA; Wehrli FW;
Snyder PJ; Goldberg HI; Grossman RI;
Bottomlery PA; Edelstein WA; Glover GH;
MacRall JR; Redington RW, (Radiology), 153:
415-1044

magnetic resonance imaging of the pituitary gland, Kaufman B, (Radiol Clin North Am), gland, Nau. 22: 795, 1984

magnetic resonance imaging of the pituitary gland, Glaser B; Sheinfeld M; Benmair J; et al, (Clin Radiol), 37: 9, 1986

measurement of pituitary gland height with MR imaging, Wiener SN; Rzeszotarski MS; Droege RT; et al, (AJNR), 6: 717, 1985

MR imaging of pituitary adenomas using a prototype resistive magnet: preliminary assessment, Oot R; New PFJ; Buonanno FS; et al, (Radiology), 154: 856, 1985

MR imaging of prolactin-secreting microadenomas, Pojunas KW; Daniels DL; Williams AL; et al, (AJNR), 7: 209, 1986

pituitary adenomas: high-resolution MR imaging at 1.5 T, Kucharczyk W; Davis DO; Kelly WM; Sze G; Norman D; Newton TH, (Radiology), 161: 761, 1986

pituitary fossa: a correlative anatomic and MR study, Mark L; Pech MP; Daniels D; Charles C; Williams A; Haughton VM, (Radiology), 153: 453, 1984

(Radiology), 153: 453, 1984 pituitary fossa: chemical shift effect in MR imaging, Haughton VM; Prost R, (Radiology), 158: 461, 1986 radiology of pituitary adenomas, Wolpert SM, (Semin Roentgenol), 19: 53, 1984 wall of infundibular recess: CT and MR study, Gomori JM; Grossman RI; Goldberg HI; et al, (JCAT), 9: 705, 1985

Pituitary, neoplasms

ssessment by computed tomography of the response of pituitary macroadenomas to bromocriptine, Chakera TMH; Khangure MS; Pullen P, (Radiology), 157: 574, 1985

basilar venous plexus of the posterior fossa: potential source of error in petrosal sinus sampling, Doppman JL, Krudy AG; Girton ME; Oldfield EH, (Radiology), 155: 375, 1985

brain tumors: clinical aspects, Tew JM Jr; Feibel JH; Sawaya R, (Semin Roentgenol), 19: 115, 1984

19: 115, 1984
cavernous sinus invasion by pituitary
adenomas, Ahmadi J; North CM;
Segall HD; et al, (AJNR), 6: 893, 1985
clinical and histopathological characteristics of
gonadotropin-producing pituitary
adenomas, Miura M; Matsukado Y;
Kodama T; et al, (Radiology), 158: 286, 1986
CT of the sella turcica after transsphenoidal
resection of pituitary adenomas, Kaplan HC;
Baker HL Jr; Houser OW; et al, (AJNR), 6:
723, 1985

CT-surgical correlation in pituitary adenomas: evaluation in 113 patients, Davis PC;
Hoffman JC Jr; Tindall GT; et al, (AJNR), 6:

differentiation of large suprasellar masses by evaluation of the superior margin, Lanzieri CF; Sacher M; Solodnik P; et al, (CT), 10: 215, 1986

(C.I.). IU: 215, 1986
dopamine receptors in pituitary adenomas:
PET visualization with <sup>11</sup>C-Nmethylspiperone, Muhr C; Bergstrom M;
Lundberg PO; et al. (ICAT), 10: 175, 1986
fat deposition in the cavernous sinus in
Cushing disease, Bachow TB; Hesselink JR;
Aaron [O; Davis KR; Taveras JM,
(Radiology), 153: 135, 1984

high-resolution computed tomography in pituitary microadenoma: is seeing believing?, Teasdale E; Teasdale G; Mohsen F; et al, (Clin Radiol), 37: 227, 1986

magnetic resonance imaging of pituitary lesions using 1.0 to 1.5 T field strength, Bilaniuk LT; Zimmerman RA; Wehrli FW; Snyder PJ; Goldberg HI; Grossman RI; Bottomley PA; Edelstein WA; Glover GH; MacFall JR; Redington RW, (Radiology), 153: 415, 1984.

MR imaging of pituitary adenomas using a prototype resistive magnet: preliminary assessment, Oot R; New PFJ; Buonanno FS; et al, (AJNR), 5: 131, 1984

MR imaging of pituitary adenomas using a prototype resistive magnet: preliminary assessment, Oot R; New PFJ; Buonanno FS; et al, (Radiology), 154: 856,

MR imaging of prolactin-secreting microadenomas, Pojunas KW; Daniels DL; Williams AL; et al, (AJNR), 7: 209, 1986

petrosal sinus sampling for Cushing syndrome: anatomical and technical syndrome: anatomical and technical considerations, Doppman JL; Oldfield EH; Krudy AG; Chrousos GP; Schulte HM; Schaaf M; Loriaux DL, (Radiology), 150: 99,

pituitary adenomas: high-resolution MR imaging at 1.5 T, Kucharczyk W; Davis DO; Kelly WM; Sze G; Norman D; Newton TH, (Radiology), **161**: 761, 1986

(Radiology), 161: 761, 1966 pituitary adenoma with seizures: PET demonstration of reduced glucose utilization in the medial temporal lobe, Bairamian D; Di Chiro G; Blume H; et al, (JCAT), 10: 529, 1986

prolactin-secreting pituitary adenomas: CT appearance in diffuse invasion, Virapongse C; Bhimani SM; Sarwar M; Greenberg A; Kim J, (Radiology), 152: 447,

prolactin-secreting pituitary microadenomas: inaccuracy of high-resolution CT imaging, Davis PC; Hoffman JC Jr; Tindall GT; et al, (AJNR), 5: 721, 1984

radiology of pituitary adenomas, Wolpert SM, (Semin Roentgenol), 19: 53, 1984

role of computed tomography in the evaluation of pituitary disease, Turski PA; Damm M, (Semin US CT MR), 6: 276, 1985

sellar and juxtasellar lesion detection with MR, Lee BCP; Deck MDF, (Radiology), 157: 143,

suprasellar lesions: evaluation with MR imaging, Karnaze MG; Sartor K; Winthrop JD; Gado MH; Hodges FJ III, (Radiology), 161: 77, 1986

transient intrasellar collection of air during bromocriptine treatment of a prolactinoma, Fagel WJ; Hekster REM; Smith SJ; et al, (Neuroradiol), 28: 364, 1986

transsphenoidal microsurgery of pituitary macroadenomas with long-term follow-up results, Ciric IS; Mikhael MA; Stafford T; et al, (Radiology), 152: 271, 1984

Pituitary, therapeutic radiology transsphenoidal microsurgery of pituitary macroadenomas with long-term follow-up results, Ctric IS; Mikhael MA; Stafford T; et al, (Radiology), 152: 271, 1984

Placenta

placental thickness, Hoddick WK; Mahony BS; Callen PW; et al, (J Ultrasound Med), 4: 479,

subplacental complex: further sonographic observations, Marx M; Casola G; Scheible W; et al, (J Ultrasound Med), 4: 459,

Placenta, abnormalities

technical factors responsible for "placental migration": sonographic assessment, Townsend RR; Laing FC; Nyberg DA; Jeffrey RB Jr; Wing VW, (Radiology), 160: 105, 1986

Placenta, hemorrhage

abruptio placentae: apparent thickening of the placenta caused by hyperechoic retroplacental clot, Mintz MC; Kurtz AB; Arenson R; et al, (J Ultrasound Med), 5: 411,

Placenta, localization

sonographic placental localization in the determination of the site of uterine incision for placenta previa, Boehm FH; Fleischer AC; Barrett JM. (Radiology), 150: 869, 1984

technical factors responsible for "placental migration": sonographic assessment, Townsend RR; Laing FC; Nyberg DA; Jeffrey RB Jr; Wing VW, (Radiology), 160: 105, 1986

Placenta, neoplasms

placental chorioangioma, an unusual cause of polyhydramnios: antenatal diagnosis, Zalev AH, (J Canad Assoc Radiol), 37: 60,

placental chorioangioma: rare cause of elevated amniotic fluid alpha-fetoprotein, Willard DA; Moeschler JB, (J Ultrasound Med), 5: 221, 1986

Placenta, US studies

See Fetus, US studies; Pregnancy, US studies

Plagiocephaly See Head, abnormalities

Plasmacytoma

assmacytoma case report: bilateral testicular plasmacytoma, Taylor RE; Duncan W; Parker AC, (Clin Radiol), 37: 293, 1986 case report. extra-medullary plasmacytoma of the kidney, Jaspan T; Gregson R, (Radiology), 152: 841, 1984

computed tomography in the diagnosis of extramedullary plasmacytoma, Twomey BP; Katz D, (Radiology), 152: 561, 1984

extramedullary plasmacytoma of the sinonasal cavities: CT evaluation, Kondo M; Hashimoto S; Inuyama Y; et al, (JCAT), 10: 841, 1986

hepatic plasmocytoma: sonographic and CT findings, Mathieu D; Elouaer-Blanc L; Divine M; et al, (JCAT), 10: 144, 1986

Divine M; et al., (U.A.1), ttp: 144, 1986 plasmacytom of the lumbar spine by SPECT, Hartshorne MF; Cawthon MA; Bauman JM, (Clin Nucl Med), 11: 65, 1986 posterior fossa plasmacytoma: computed tomographic findings, Weisberg LA, (Comput Radiol), 10: 141, 1986

Platelets

See Blood, platelets

Plethysmography deep vein thrombosis: significant limitations of noninvasive tests, Ramchandani P; Soulen RL; Fedullo LM; Gaines VD,

Soulen RL; Fedullo LM; Gaines VD, (Radiology), 156: 47, 1985 radionuclide plethysmography and Tc-99m red blood cell venography in venous thrombosis: comparison with contrast venography, Singer I; Royal HD; Uren RF; Waugh RC; McLaughlin AF; Bautovich GJ; Dyer IA; Fulton RR; Morris JG, (Kadiology), 164: 1044 150: 213, 1984

value of combined strain gauge plethysmography and radioactive iodine fibrinogen scan of the leg in the diagnosis of deep vein thrombosis, AbuRahma AF; Lawton WE Jr; Osborne L, (Radiology), 151: 261, 1984

Pleura

introduction of bone imaging agent into the pleural space, Spencer RP; Karimeddini MK, (Clin Nucl Med), 11: 290, 1986

left minor fissure, Austin JHM, (Radiology), 161: 433, 1986

solid pleural manifestations of lymphoma, Shuman LS; Libshitz HI, (AJR), 142: 269,

subpleural fat pads in patients exposed to asbestos: distinction from non-calcified pleural plaques, Sargent EN; Boswell WD Jr; Ralls PW; Markovitz A, (Radiology), 152: 273, 1984

Pleura, air in See Pneumothorax

Pleura, CT

secties or pleural effusion? CT differentiation: four useful criteria, Halvorsen RA Jr; Fedyshin PJ; Korobkin M; Foster WL Jr; Thompson WM, (Radiographics), 6: 135,

computed tomographic characteristics of pleural empyema, Shin MS; Ho K-J, (Radiology), **150**: 295, 1984

computed tomography of localized pleural mesothelioma, Dedrick CG; McLoud TC; Shepard JO; et al, (AJR), 144: 275, 1985

CT of the thorax: pitfalls in interpretation, Proto AV; Rost RC Ir, (Radiographics), 5: 693, 1985

left minor fissure, Austin JHM, (Radiology), 161: 433, 1986

pleural and chest wall invasion in leural and chest wall invasion in bronchogenic carcinoma: CT evaluation, Glazer HS; Duncan-Meyer J; Aronberg DJ; Moran JF; Levitt RG; Sagel SS, (Radiology), 157: 191, 1985

Pleura, diseases

asbestos-related pleural thickening: effect of threshold criteria on interpretation, Greene R; Boggis C; Jantsch H, (Radiology), 152: 569, 1984

CT findings in pleural aspergillosis, Costello P; Rose RM, (JCAT), 9: 760, 1985

differentiation of pulmonary parenchymal consolidation from pleural disease using the sonographic fluid bronchogram, Dorne HL, (Radiology), 158: 41, 1986

(Radiology), 198: 41, 1986 pleural and chest wall invasion in bronchogenic carcinoma: CT evaluation, Glazer HS; Duncan-Meyer J; Aronberg DJ; Moran JF; Levitt RG; Sagel SS, (Radiology), 157: 191, 1985

Pleura, fluid

adenosine deaminase in pleural fluids: test for

adenosine deaminase in pleural fluids: test for diagnosis of tuberculous pleural effusion, Ocana I; Martinez-Vazquez JM; Segura RM; et al. (Radiology), 150: 853, 1984 adenovirus associated with congenital pleural effusion, Meyer K; Girgis N; McGravey V, (Radiology), 158: 863, 1986 ascites or pleural effusion? CT differentiation: four useful criteria, Halvorsen RA Jr; Fedyshin PJ; Korobkin M; Foster WL Jr; Thompson WM, (Radiographics), 6: 135, 1986 astelectasis and subpulmonic fluid; CT nitfall in

atelectasis and subpulmonic fluid: CT pitfall in distinguishing pleural from peritoneal fluid, Silverman PM; Baker ME; Mahony BS, (JCAT), 9: 763, 1985

bilateral urinothorax identified by technetium-99m DPTA renal imaging, Ralston MD; Wilkinson RH Jr, (J Nucl Med),

27: 30, 1900 chyliform (cholesterol) pleural effusion, Hillerdal G, (Radiology), 158: 857, 1986 congenital pleural effusion in Down's syndrome, Foote KD; Vickers DW, (Br J Radiol), 59: 609, 1986

Kadiol), 93°, 00°, 1986 CT differentiation of pleural effusion from ascites: evaluation of four signs using blinded analysis of 52 cases, Halvorsen RA Jr; Fedyshin PJ; Korobkin M; et al, (Invest Radiol), 21: 391,

CT of subpulmonic pleural effusions and atelectasis: criteria for differentiation from subphrenic fluid, Federle MP; Mark AS; Guillaumin ES, (AJR), 146: 685, 1986

echographic appearance of the right hemidiaphragm, Lewandowski BJ; Winsberg F, (Radiology), 151: 831, 1984 inversion of the right diaphragm: thoracoabdominal CT pitfall, Hertzanu Y; Solomon A, (Gastrointest Radiol), 11: 200,

lower lobe collapse due to pleural effusion: CT analysis, Paling MR; Griffin GK, (JCAT), 9: 1079, 1985

lung scan perfusion defects limited to matching pleural effusions: low probability of pulmonary embolism, Bedont RA; Datz FL, (AJR), 145: 1155, 1985

malignant pleural effusion: complication of transhepatic biliary drainage, Anschuetz SL; Vogelzang RL, (AJR), 146: 1165, 1986

percutaneous catheter drainage of pleural effusion and empyema, Westcott JL, (AJR), 144: 1189, 1985

pleural effusion causing unmatched ventilation defects in ventilation and perfusion scanning, Goddard P; Henson J; Davies ER, (Clin Radiol), 37: 285, 1986

pleural effusion following liver transplantation, Olutola P5; Hutton L; Wall WJ, (Radiology), **157**: 594, 1985

pleural effusion: use of the semi-supine position for radiographic detection, Moller A, (Radiology), 150: 245, 1984

pleuropulmonary manifestations of the postcardiac injury syndrome, Stelzner TH Jr; king TE Jr; Antony VB; et al. (Radiology), 151: 817, 1984

pulmonary sequestration associated with unilateral pulmonary hypoplasia and massive pleural effusion, Lucaya J; Garcia-Conesa A; Bernado L, (Radiology), 153: 850,

1994
recognition of pleural effusion on supine radiographs: how much fluid is required?, Woodring JH, (AIR), 142: 59, 1984 uremic pleural effusion detected on radionuclide renogram, Abdel-Dayem HM; Nawaz MK; Suhaili AR; et al, (Clin Nucl

Med), 11: 196, 1986

Pleura, infection

CT- and ultrasound-guided catheter drainage of empyemas after chest-tube failure, vanSonnenberg E; Nakamoto SK; Mueller PR; Casola G; Neff CC; Friedman PJ; Ferrucci JT Jr; Simeone JF, (Radiology), 151: 349, 1984

pleural and extrapleural disease in nocardia infections, Rubin E; Shin MS, (Radiology), 155: 269, 1985

serious complications following transgression of the pleural space in drainage procedures, Neff CC; Mueller PR; Ferrucci JT Jr; Dawson SL; Wittenberg J; Simeone JF; Butch RJ; Papanicolaou N, (Radiology), 152:

Pleura, neoplasms

computed tomography of localized pleural mesothelioma, Dedrick CG; McLoud TC; Shepard JO; et al, (AJR), **144**: 275, 1985

diagnostic distinction between malignant mesothelioma of the pleura and adenocarcinoma of the lung as defined by a monoclonal antibody (B72.3), Szpak CA; Johnston WW; Roggli V; et al, (Radiology), 160: 571–1986 160: 571, 1986

differentiation of pulmonary parenchymal consolidation from pleural disease using the sonographic fluid bronchogram, Dorne HL, (Radiology), 158: 41, 1986

(Radiology), 136: 41, 1760 parietal pleural plaques, asbestos bodies, and neoplasia. a clinical, pathological, and roentgenographic correlation of 25 consecutive cases, Wain SL; Roggli VL; Foster WL Jr, (Radiology), 155: 847, 1985

Pleura, radiography

asbestos-related pleural thickening: effect of threshold criteria on interpretation, Greene R; Boggis C; Jantsch H, (Radiology), 152: 569, 1984

pleural effusion: use of the semi-supine position for radiographic detection, Moller A, (Radiology), 150: 245, 1984

Pleura, US studies

differentiation of pulmonary parenchymal consolidation from pleural disease using the sonographic fluid bronchogram, Dorne HL, (Radiology), 158: 41, 1986

ultrasound in the assessment of pleural densities, Rosenberg ER, (Radiology), 152: 562, 1984

water-path ultrasound of chest disease in childhood, Miller JH; Reid BS; Kemberling CR, (Radiology), **152**: 401, 1984

shrinking pleuritis with atelectasis: specificity of abnormalities present at conventional radiography of the lung, Dernevik L; Brolin I; Larsson S; et al, (Radiology), **159**: 286, 1986

Pneumatosis intestinalis

See Intestines, cysts

Pneumocephalus

cerebellopontine pneumocephalus acting as a space occupying lesion: CT demonstration, Ganapathy K; Govindan R, (Radiology), 9: 407, 1985

intracerebral pneumatocele: CT findings, Bhimani S; Virapongse C; Sabshin JK; Sarwar M; Paterson RH Jr, (Radiology), **154**:

intracerebral pneumatoceles following facial trauma: CT findings, Mendelsohn DB; Hertzanu Y, (Radiology), **154**: 115, 1985

traumatic pneumocephalus caused by stab wound to the neck, Naseem M; Hood JD; Devasthali R, (AJNR), 7: 174, 1986

Pneumoconiosis

application of ILO classification to a population without industrial exposure: findings to be differentiated from pneumoconiosis, Epstein DM; Miller WT; Bresnitz EA; et al, (AJR), 142: 53, 1984

coal workers' pneumoconiosis in Texas, Buckner EE; Campbell CF, (Radiology), 153:

dental technician's pneumoconiosis: report of two cases, De Vuyst P; Vande Weyer R; De Coster A; et al, (Radiology), **160**: 283, 1986

human exposure to heavy metals: rare earth pneumoconiosis in occupational workers, Vocaturo G; Colombo F; Zanoni M; et al, (Radiology), **150**: 611, 1984

prevalence of radiographic appearance of pneumoconiosis in an unexposed blue collar population, Castellan RM; Sanderson WT; Petersen MR, (Radiology), 157: 848, 1985

Pneumomediastinum

anterior diaphragmatic attachments: anatomic and radiologic study with clinical correlates, Kleinman PK; Raptopoulos V, (Radiology), 155: 289, 1985

"pneumoscalp" after pneumomediastinum in a neonate, Chawla HS; Naidech HJ, (AJNR), 5: 206, 1984

postpartum pneumopericardium, Luby BJ; Georgiev M; Warren SG; et al, (Radiology), 151: 817, 1984

retrocardiac pneumomediastinum in association with tracheal and esophageal perforations, Amodio JB; Berdon WE; Abramson SJ; et al, (Pediatr Radiol), 16: 380,

Pneumonectomy See Lung, surgery

Pneumonia

See Lung, infection

Pneumonitis

percutaneous needle lung aspiration for diagnosing pneumonitis in the patient with acquired immunodeficiency syndrome (AIDS), Wallace JM; Batra P; Gong H Jr; et al, (Radiology), 156: 853, 1985

(Radiology), 150: 553, 1965
percutaneous needle lung aspiration for diagnosing pneumonitis in the patient with acquired immunodeficiency syndrome (AIDS), Wallace JM, Batra P; Gong H Jr; et al, (Radiology), 160: 572, 1986

pneumonitis after amiodarone therapy, Olson LK; Forrest JV; Friedman PJ; Kiser PE; Henschke CI, (Radiology), **150**: 327, 1984

severe bleomycin-induced pneumonitis: clinical features and response to corticosteroids, White DA; Stover DE, (Radiology), **155**: 847, 1985

toxic pneumonitis from mixing household cleaners, Reisz GR; Gammon RS, (Radiology), 160: 572, 1986

von Willebrand factor levels do not predict or diagnose radiation pneumonitis, Fajardo LF; Donaldson SS; Kelly NI, (Int J Radiat Oncol Biol Phys), 12: 107, 1986

Pneumopericardium

postpartum pneumopericardium, Luby BJ; Georgiev M; Warren SG; et al, (Radiology), 151: 817, 1984

posttraumatic tension pneumopericardium: "small heart" sign, Mirvis SE; Indeck M; Schorr RM; Diaconis JN, (Radiology), **158**: 663, 1986

Pneumoperitoneum

anterior diaphragmatic attachments: anatomic and radiologic study with clinical correlates, Kleinman PK; Raptopoulos V, (Radiology),

bowel perforation in the newborn: diagnosis with metrizamide, Cohen MD; Weber TR; Grosfeld JL, (Radiology), 150: 65, 1984

cupola sign of pneumoperitoneum in the supine patient, Mindelzun RE; McCort JJ, (Gastrointest Radiol), 11: 283, 1986

"inverted V" sign of pneumoperitoneum, Bray JF, (Radiology), **151:** 45, 1984

pneumoperitoneum detected by ultrasound, Nirapathpongporn S; Osatavanichvong K; Udompanich O; Pakanan P, (Radiology), 150: 831, 1984

Pneumothorax

adult pulmonary ligament pneumatocele: loculated pneumothorax, Friedman PJ, (Radiology), **155**: 575, 1985

air in the minor fissure: sign of right-sided pneumothorax, Spizarny DL; Goodman LR, (Radiology), **160**: 329, 1986

anterior diaphragmatic attachments: anatomic and radiologic study with clinical correlates, Kleinman PK; Raptopoulos V, (Radiology), 155: 289, 1985

bronchial obstruction: a radiographic sign, Berdon WE; Dee G; Abramson SJ; Altman RP; Wung J-T, (Radiology), **150**: 691,

cross-table lateral view in neonatal pneumothorax, Hoffer FA; Ablow RC, (AJR), 142: 1283, 1984

CT detection of occult pneumothorax in head trauma, Tocino IM; Miller MH; Frederick PR; et al, (AJR), 143: 987, 1984

distribution of pneumothorax in the supine and semirecumbent critically ill adult, Tocino IM; Miller MH; Fairfax WR, (AJR), 144: 901, 1985

exclusion of pneumothorax by radionuclide lung scan, Weiss PE, (Clin Nucl Med), 11: 303, 1986

germ cell tumors complicated by pneumothorax, Slasky BS; Deutsch M, (Radiology), **150**: 853, 1984

hydropneumothorax: detection on supine radiographs, Onik G; Goodman PC; Webb WR; Brasch RC, (Radiology), **152**: 31,

1994
management of persistent pneumothorax: an innovative approach, Mathew OP; Bhatia J, (Radiology), 151: 822, 1984
paramediastinal pneumatocele: alternative explanations to gas in the pulmonary ligament, Godwin JD; Merten DF; Baker ME, (AJR), 145: 525, 1985

(AJR), 145: 525, 1985
pneumothorax in the supine patient:
radiographic anatomy, Tocino IM,
(Radiographics), 5: 557, 1985
radiographic recognition of chest tube
malposition in the major fissure, Webb WR;
LaBerge JM, (Radiology), 152: 839, 1984
rapid cytology to decrease pneumothorax
incidence after percutaneous biopsy,
Johnsrude IS; Silverman JF;
Weaver MD; et al. (AJR), 144: 793, 1985
serious complications following transgression
of the pleural space in drainage procedures,
Neff CC, Mueller PR, Ferrucci TJ Jr;
Dawson SL; Wittenberg J; Sin Jeone JF;
Butch RJ; Papanicolaou N, (R Idiology), 152:
335, 1984

soo, 1964 spontaneous pneumothorax: co nplication of lung cancer?, Steinhauslin CA; Cuttat JF, (Radiology), 159: 821, 1986

spontaneous pneumothorax in AIDS patients with *Pneumocysis carinii* pneumonia, Goodman PC; Daley C; Minaş i H, (AJR), 147: 29, 1986

spontaneous pneumothorax: un asual radiological appearance, Will: on SA; Sawicka EH; Mitchell IC, (Rac iology), 157: 563, 1985

Sawtka Arr, Witchell IC, (Kat lology), 197: 563, 1985

POEMS syndrome infiltrative orbitopathy, optic disc edema, and POEMS, Bourdette DN; Rosenberg NL, (Radiology), 153: 852, 1984

POEMS syndrome: report of 3 c.ses with radiographic abnormalities. Tanaka O; Ohsawa T, (Radiology), 155: 851, 1985

POEMS syndrome: study of a patient with proteinuria, microangiopathic glomerulopathy, and renal enlargement, Fam AG; Rubenstein JD; Cowan DH, (Radiology), 161: 284, 1986

Poisons and poisoning detection of the cerebral lesions of chlorine intoxication by magnetic resonance imaging, Levy JM; Hessel SJ; Nykamp PW; et al., (Magn Res Imag), 4: 51, 1986 1986

radiographic demonstration of a toxic agent, Spiegel SM; Hyams BB, (Radiology), **155**: 548, 1985

Polyarteritis nodosa See Arteritis
Polychondritis

telaping polychondritis studied by computed tomography, Mendelson D5; Som PM; Crane R; Cohen BA; Spiera H, (Radiology), 157: 489, 1985

Polycythemia increased bone marrow blood flow in polycythemia vera, Lahtinen R; Lahtinen T; Hyodynmaa S, (Radiology), 151: 278, 1984 watershed infarction in a case of polycythemia vera, Yazdi R; Cote C, (Clin Nucl Med), 11: 665, 1986

Polyhydramnios See Amniotic fluid

Polyps See Colon, neoplasms; Stomach, neoplasms,

Polyvinyl compounds olyvinyl compounds histopathologic analysis of intraarterial polyvinyl alcohol microemboli in rat cerebral cortex, Quisling RG; Mickle JP; Ballinger WE; et al, (AJNR), 5: 101, 1984 radiopaque suspension of polyvinyl alcohol foam for embolization, Szwarc IA; Carrasco CH; Wallace S; et al, (AJR), 146: 501 1994

591, 1986

Popliteal cysts See Knee, cysts Porencephaly See Brain, cysts Portal hypertension

Portal hypertension
See Hypertension, portal
Portal vein
abdominal venous system: assessment
using MR, Hricak H: Amparo EG;
Fisher MR: Crooks LE; Higgins CB,
(Radiology), 156: 415, 1985
hemobilia following transhepatic biliary
drainage: occlusion of an hepatoportal
fistula by balloon tamponade,
Sniderman KW; Morse SS; Rapoport S;
Ross GR, (Radiology), 154: 827, 1985

infrahepatic interruption of the inferior vena cava with portal continuation, Bercoff E; Colin R; Benozio M; Janvresse A; Berland J; Fillastre J-P, (Radiology), 154: 771, 1985

### Portal vein, abnormalities

- accessory lateral segmental branch of the portal vein, Araki T; Hayakawa K; Hayashi S; Uchiyama G, (Radiology), 155: 24, 1985
- Calcification in the portal vein wall, Baker SR; Broker MH; Charnsangavej C; Sitron AP, (Radiology), **152**: 18, 1984
- completely transhepatic course of the main portal vein with subcapsular ramification, Goebel N, (Radiology), 158: 574, 1986
- congenital absence of the portal vein in oculoauriculovertebral dysplasia (Goldenhar syndrome), Morse SS; Taylor KJW; Strauss EB; et al., (Pediatr Radiol), 16: 437,
- demonstration of cavernomatous transformation of the portal vein by magnetic resonance imaging, Ros PR; Viamonte M Jr; Soila K; et al, (Gastrointest Radiol), 11: 90, 1986
- duplex Doppler: identification of cavernous transformation of the portal vein, Weltin G; Taylor KJW; Carter AR; et al, (AJR), 144: 999, 1985
- hepatic tumors in children: ultrasonic differentiation of malignant from benign lesions, Brunelle FOS; Chaumont P, (Radiology), 150: 695, 1984
- portal venous system measurements in portal hypertension, Lafortune M; Marleau D; Breton G; Viallet A; Lavoie P; Huet P-M, (Radiology), **151**: 27, 1984

### Portal vein, anatomy

intrahepatic portal vein branches studied by manepauc portai vein branches studied by percutaneous transhepatic portography, Takayasu K; Moriyama N; Muramatsu Y; Shima Y; Goto H; Yamada T, (Radiology), 154: 31, 1985

### Portal vein, calcification

calcification in the portal vein wall demonstrated by computed tomography, Broker MH; Baker SR, (JCAT), 9: 444, 1985

### Portal vein, CT

- calcification in the portal vein wall demonstrated by computed tomography, Broker MH; Baker SR, (JCAT), 9: 444, 1985
- CT detection of portal venous gas associated with suppurative cholangitis and cholecystitis, Dennis MA; Pretorius DH; Manco-Johnson ML; et al, (AJR), 145: 1017, 1985
- hemodynamics of portal blood flow shown by CT portography: work in progress, Reinig JW; Sanchez FW; Vujic I, (Radiology), 154: 473, 1985
- portacaval space: CT with MR correlation, Zirinsky K, Auh YH: Rubenstein WA; Kneeland JB; Whalen JP; Kazam E, (Radiology), 156: 453, 1985
- portal cavernoma: dynamic CT features and transient differences in hepatic attenuation, Mathieu D; Vasile N; Dibie C; Grenier P, (Radiology), **154**: 743, 1985

## Portal vein, flow dynamics

- clinical application of an ultrasonic duplex system in the quantitative measurement of portal blood flow, Moriyasu F; Ban N; Nishida O; et al, (JCU), 14: 579, 1986
- "congestion index" of the portal vein, Moriyasu F; Nishida O; Ban N; et al, (AJR), 146: 735, 1986
- echo-Doppler measurement of splanchnic blood flow in control and cirrhotic subjects, Zoli M; Marchesini G; Cordiani MR; et al, (JCU), 14: 429, 1986
- hemodynamics of portal blood flow shown by CT portography: work in progress, Reinig JW; Sanchez FW; Vujic I, (Radiology), 154: 473, 1985
- portal hemodynamics in patients with hepatocellular carcinoma, Moriyasu F; Ban N; Nishida O; Nakamura T; Soh Y; Miura K; Sakai M; Miyake T; Uchino H, (Radiology), 161: 707, 1986
- portal hypertension evaluated by MR imaging, Williams DM; Cho KJ; Aisen AM; Eckhauser FE, (Radiology), 157: 703, 1985
- portal pressure changes induced by medical treatment: US detection, Zoli M; Marchesini G; Marzocchi A; Marrozzini C; Dondi C; Pisi E, (Radiology), 155: 763, 1985

- portal venous hemodynamics in chronic liver disease: effects of posture change and exercise, Ohnishi K; Saito M; Nakayama T; lida S; Nomura F; Koen H; Okuda K (Radiology), 155: 757, 1985
- venous velocity: comparison with cineangiographic measurements, Ohnishi K; Saito M; Koen H; Nakayama T; Nomura F; Okuda K, (Radiology), **154**: 495, 1985
- ultrasonic assessment of abdominal venous return: II. volume blood flow in the inferior vena cava and portal vein, Smith H-J; Grottum P; Simonsen S, (Acta Radiol [Diagn]), 27: 23, 1986

## Portal vein, gas

- CT detection of portal venous gas associated with suppurative cholangitis and cholecystitis, Dennis MA; Pretorius DH; Manco-Johnson ML; et al, (AJR), 145: 1017,
- ultrasonography of hepatic venous gas due to diverticulitis, Fataar S; Cadogan E; Spruyt O, (Br J Radiol), 59: 183, 1986

### Portal vein, MR studies

- demonstration of cavernomatous transformation of the portal vein by magnetic resonance imaging, Ros PR; Viamonte M Jr; Soila K; et al, (Gastrointest Radiol), 11: 90, 1986
- Portacaval space: CT with MR correlation, Zirinsky K; Auh YH; Rubenstein WA; Kneeland JB; Whalen JP; Kazam E, (Radiology), 156: 453, 1985
- portal hypertension evaluated by MR imaging, Williams DM; Cho KJ; Aisen AM; Eckhauser FE, (Radiology), **157**: 703, 1985

## Portal vein, neoplasms

- hepatocellular carcinoma with venous invasion. sonographic-angiographic correlation, Subramanyam BR, Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, (Radiology), 150: 793, 1984
- portal vein involvement in hepatocellular carcinoma: dynamic CT features, Mathieu D; Grenier P; Larde D; Vasile N. (Radiology), 152: 127, 1984

### Portal vein, stenosis

- the year, stenosis hepatic lobar atrophy following obstruction of the ipsilateral portal vein from hilar cholangiocarcinoma, Takayasu K; Muramatsu Y; Shirin X; Moriyama N; Yamada T; Makuuchi M, (Radiology), 160: 290. 1084.
- membranous obstruction of the portal vein. a case report, Kimura K; Okuda K; Takara K; et al, (Radiology), **156**: 855, 1985
- portal obstruction in children. I. clinical investigation and hemorrhage risk, Alvarez F; Bernard O; Brunelle FOS; et al, (Radiology), 152: 554, 1984
- (Radiology), 1322-334, 1704 segmental staining on hepatic arteriography as a sign of intrahepatic portal vein obstruction, Matsui O; Takashima T; Kadoya M; Kitagawa K; Kamimura R; Itoh H; Suzuki M; Ida M, (Radiology), 152:
- treatment of portal vein obstruction by percutaneous transhepatic angioplasty, Uflacker R; Alves MA; Cantisani GG; et al, (Radiology), **156**: 857, 1985

### Portal vein, thrombosis

- case report: ultrasonographic demonstration of portal vein thrombosis in the acute abdomen, Shaw PJ; Saunders AJ; Drake DP, (Clin Radiol), 37: 101, 1986
- development of portal vein thrombosis complicating idiopathic portal hypertension. case report, Ohnishi K; Saito M; Terabayashi H; et al, (Radiology), 157: 565, 1985
- dilatation of the cystic veins in portal hypertension: sonographic demonstration, Marchal GJF; Van Holsbeeck M; Tshibwabwa-Tumba E; Goddeeris PG; Fevery J; Oyen RH; Adisoejoso B; Baert AL; Van Steenbergen W, (Radiology), 154: 187, 1985
- hemodynamics of portal blood flow shown by CT portography: work in progress, Reinig JW; Sanchez FW; Vujic I, (Radiology), 154: 473, 1985
- hepatopetal collaterals after portal vein thrombosis following liver transplantation, Zajko AB; Bron KM, (Cardiovasc Intervent Radiol), 9: 46, 1986

- intraoperative sonography: clinical usefulness in liver surgery, Igawa S; Sakai K; Kinoshita H; Hirohashi K, (Radiology), **156**: 473, 1985
- MR imaging of portal vein thrombus in hepatocellular carcinoma, Ohtomo K; Itai Y; Furui S; et al, (JCAT), 9: 328, 1985
- portal cavernoma: dynamic CT features and transient differences in hepatic attenuation, Mathieu D; Vasile N; Dibie C; Grenier P, (Radiology), 154: 743, 1985
- portal thrombosis: dynamic CT features and course, Mathieu D; Vasile N; Grenier P, (Radiology), **154**: 737, 1985
- portal vein involvement in hepatocellular carcinoma: dynamic CT features, Mathieu D; Grenier P; Larde D; Vasile N, (Radiology), 152: 127, 1984
- portal venous tumor casts causing defect on hepatic imaging, Leekam RN; Bayley TA; Shankar L; et al, (Clin Nucl Med), 11: 519,
- pulsed Doppler duplex sonography and CT of portal vein thrombosis, Miller VE; Berland LL, (AJR), 145: 73, 1985
- sonographic demonstration of a patent umbilical vein in portal vein tumor thrombosis, Leekam RN; Matzinger MA; Haber G, (Radiology), 155: 557, 1985
- sonographic features of portal vein thrombosis, Van Gansbeke D; Avni EF; Delcour C; et al, (AJR), 144: 749, 1985
- sonography of cavernous transformation of the portal vein, Kauzlaric D; Petrovic M; Barmeir E, (AJR), 142: 383, 1984
- ultrasound as first imaging modality in superior mesenteric and portal vein thrombosis, Freling NJM; Schuur KH; Haagsma EB; et al, (JCU), 14: 554, 1986
- vascular complications after liver transplantation: 5-year experience, Wozney P; Zajko AB; Bron KM; et al, (AJR), 147: 657, 1986

## Portal vein, US studies

- case report: ultrasonographic demonstration of portal vein thrombosis in the acute abdomen, Shaw PJ; Saunders AJ; Drake DP, (Clin Radiol), 37: 101, 1986
- clinical application of an ultrasonic duplex system in the quantitative measurement of portal blood flow, Moriyasu F; Ban N; Nishida O; et al, (JCU), 14: 579, 1986
- duplex Doppler: identification of cavernous transformation of the portal vein, Weltin G; Taylor KJW; Carter AR; et al, (AJR), 144: 999, 1985
- echo-Doppler measurement of splanchnic blood flow in control and cirrhotic subjects, Zoli M; Marchesini G; Cordiani MR; et al, (JCU), 14: 429, 1986
- portal hemodynamics in patients with hepatocellular carcinoma, Moriyasu F; Ban N; Nishida O; Nakamura T; Soh Y; Miura K; Sakai M; Miyake T; Uchino H, (Radiology), 161: 707, 1986
- (Nationally), 104.707, 1700 portal pressure changes induced by medical treatment: US detection, Zoli M; Marchesini G; Marzocchi A; Marrozzini C; Dondi C; Pisi E, (Radiology), 155: 763, 1985
- portal venous hemodynamics in chronic liver disease: effects of posture change and exercise, Ohnishi K; Saito M; Nakayama T; Iida S; Nomura F; Koen H; Okuda K, (Radiology), 155: 757, 1985
- predictive value of ultrasonography in the screening of non-ascitic cirrhotic patients with large varices, Cottone M; D'Amico G; Maringhini A; et al, (J Ultrasound Med), 5: 189, 1986
- pulsed Doppler flow as a criterion of portal venous velocity: comparison with cineangiographic measurements, Ohnishi K; Saito M; Koen H; Nakayama T; Nomura F; Okuda K, (Radiology), 154: 495, 1985
- sonographic detection of portal venous gas in infants with necrotizing enterocolitis, Merritt CRB; Goldsmith JP; Sharp MJ, (AJR), 143: 1059, 1984
- sonographic features of portal vein thrombosis, Van Gansbeke D; Avni EF; Delcour C; et al, (AJR), 144: 749, 1985
- sonography of cavernous transformation of the portal vein, Kauzlaric D; Petrovic M; Barmeir E, (AJR), 142: 383, 1984
- splanchic vein measurements in patients with liver cirrhosis: case-control study, Zoli M; Dondi C; Marchesini G; et al, (J Ultrasound Med), 4: 641, 1985

ultrasonic assessment of abdominal venous return: II. volume blood flow in the inferior vena cava and portal vein, Smith H-J; Grottum P: Simonsen S, (Acta Radiol [Diagn]), 27: 23, 1986

ultrasound as first imaging modality in superior mesenteric and portal vein thrombosis, Freling NJM; Schuur KH; Haagsma EB; et al, (JCU), 14: 554, 1986

Portography

dynamic computed tomography during arterial portography: most sensitive examination for small hepatocellular carcinomas, Matsui (); Takashima T; Kadoya M; et al, (JCAT), 9: 19, 1985

Kadoya M; et al, (JCA1), 9: 19, 1995 hepatic lobar atrophy following obstruction of the ipsilateral portal vein from hilar cholangiocarcinoma, Takayasu K; Muramatsu Y; Shima Y; Moriyama N; Yamada T; Makuuchi M, (Radiology), 160:

mesenteric varices demonstrated by transhepatic portography, Matsunaga N; Hayashi K; Amamoto Y; et al, (Gastrointest Radiol), 11: 280, 1986

Portography, technology

digital indirect portography, Sussman SK; Braun SD; Perlmutt LM; et al, (AJR), 147: 39,

digital splenoportography, Braun SD; Newman GE; Dunnick NR, (AJR), 144: 1003, 1985

Positron imaging See Emission CT

Posterior fossa, abnormalities

posterior fossa lesions: magnetic resonance imaging, Lee BCP; Kneeland JB; Deck MDF; Cahill PT, (Radiology), **153**: 137, 1984

Posterior fossa, CT

artifacts in computed tomography of the posterior fossa: comparative phantom study, Mostrom U; Ytterbergh C, (JCAT), 10: 560,

comparative value of neuroradiological examinations in the preoperative stage of posterior fossa tumors, Tardy G; Giudicelli G; Raybaud CH; et al, (Radiology), 151: 266, 1984

direct coronal computed tomography for presurgical evaluation of posterior fossa tumors, Naidich TP; Tomita T; Pech P; et al, (JCAT), 9: 1065, 1985

posterior fossa epidural hematoma. a report of three cases diagnosed with computed tomography, Kushner MJ; Luken MG III, (Radiology), 151: 266, 1984

posterior fossa lesions: magnetic resonance imaging, Lee BCP; Kneeland JB; Deck MDF; Cahill PT, (Radiology), 153: 137, 1984

Posterior fossa, cysts

epidermoid cysts of the posterior fossa, Berger MS; Wilson CB, (Radiology), 158: 284,

Posterior fossa, hemorrhage

posterior fossa epidural hematoma. a report of three cases diagnosed with computed tomography, Kushner MJ; Luken MG III, (Radiology), **151**: 266, 1984

Posterior fossa, MR studies

nuclear magnetic resonance (NMR) imaging of tumors in the posterior fossa, McGinnis BD; Brady TJ; New PFJ; et al, (Radiology), **151**:

posterior fossa lesions: magnetic resonance imaging, Lee BCP; Kneeland JB; Deck MDF; Cahill PT, (Radiology), **153**: 137, 1984

Posterior fossa, neoplasms

osterior Tossa, neoptasms acoustic neurinoma and posterior fossa meningioma: clinical and CT radiologic findings, Catz A; Reider-Groswasser I, (Neuroradiol), 28: 47, 1986 comparative value of neuroradiological

posterior fossa tumors, Tardy G; Giudicelli G; Raybaud CH; et al, (Radiology), 151: 266, 1984

direct coronal computed tomography for presurgical evaluation of posterior fossa tumors, Naidich TP; Tomita T; Pech P; et al, (JCAT), 9: 1065, 1985

nuclear magnetic resonance (NMR) imaging of tumors in the posterior fossa, McGinnis BD; Brady TJ; New PFJ; et al, (Radiology), 151: 829, 1984

Posterior fossa, US studies

real-time ultrasonography of the posterior fossa, Grant EG; Schellinger D; Richardson JD, (Radiology), 150: 289, 1984 US anatomy of the posterior fossa in children: correlation with brain sections, Yousefzadeh DK; Naidich TP, (Radiology), 156: 353, 1985

Potassium

See Magnetic resonance (MR), potassium studies

Prednisolone

intraarterial prednisolone infusion therapy in ulcerative colitis, Momoshima S; Kohda E; Hiramatsu K; et al, (AJR), **145:** 1057, 1985

See also Fetus; Placenta

average fetal depth in utero: data for estimation of fetal absorbed radiation dose, Ragozzino MW; Breckle R; Hill LM; Gray JE, (Radiology), 158: 513, 1986

incidental diagnosis of pregnancy on bone and gallium scintigraphy, Palestro CJ; Malat J; Collica CJ; et al, (J Nucl Med), 27: 370, 1986

lung cancer and pregnancy, Stark P; Greene RE; Morgan G; et al, (Radiology), 156: 561, 1985

maternal fluid overload during labour; transplacental hyponatraemia and risk of transient neonatal tachypnoea in term infants, Singhi SC; Chookang E, (Radiology), 156: 860, 1985

Pregnancy, abnormalities

abruptio placentae: apparent thickening of the placenta caused by hyperechoic retroplacental clot, Mintz MC; Kurtz AB; Arenson R; et al. (J Ultrasound Med), 5: 411,

Pregnancy, complications

abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels, Nyberg DA; Filly RA; Filho DLD; Laing FC; Mahony BS, (Radiology), **158**: 393, 1986

abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels, Kadar N; Romero R, (Radiology), 161: 854,

abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels: reply, Filly RA; Laing FC; Nyberg DA, (Radiology), 161: 854, 1986

acardiac anomaly: review of the subject with case report and emphasis on practical sonography, Gibson JY; D'Cruz CA; Patel RB; et al, (JCU), 14: 541, 1986

amniotic band syndrome in intrauterine ultrasound diagnosis, Bonilla-Musoles F; Ramirez JV; Bickmann HJ, (Radiology), 155: 285, 1985

appendiceal abscess in pregnancy: diagnosis by ultrasound, Coady DJ; Snyder JR; Subramanyam B, (JCU), **14**: 70, 1986

cerebral complications during late gestoses: CT demonstration, Becker W; Martin A; Uhlenbrock D, (Radiology), 151: 825, 1984

cerebral CT findings in toxemia of pregnancy, Kirby JC; Jaindl JJ, (Radiology), **151:** 114, 1984

cholangiocarcinoma in pregnancy: contributions of ultrasound-guided interventional techniques, Nakamoto SK; vanSonnenberg E, (J Ultrasound Med), 4:

chronic maternal cigarette smoking and fetal abdominal aortic blood flow in humans, Eldridge MW; Berman W Jr; Greene ER, (J Ultrasound Med), 5: 131, 1986

clinical consequences after ultrasonic diagnosis of intrauterine hematoma in threatened abortion, Jouppila P, (Radiology), 158: 287, 1986

computed tomography in preeclampsia-eclampsia syndrome, Waldron RL II; Abbott DC; Vellody D, (AJNR), 6: 442, 1985

congenital uterine anomalies and associated pregnancies: findings and pitfalls of sonographic diagnosis, Pennes DR; Bowerman RA; Silver TM, (Radiology), 158:

cysts in pregnancy discovered by sonography, Nelson MJ; Cavalieri R; Graham D; et al, (JCU), 14: 509, 1986

decidua—chorionic sac: a reliable sonographic indicator of intrauterine pregnancy prior to detection of a fetal pole, Cadkin AV; McAlpin J, (J Ultrasound Med), 3: 539, 1984

evaluation of peripartum strokes by computed tomography, Maheshwari MC; Bhargava S, (Radiology), **152**: 257, 1984

extraordinary growth of giant cell reparative granuloma during pregnancy, Fechner RE; Fitz-Hughs GS; Pope TL, (Radiology), 153:

femur length/abdominal circumference ratio: poor predictor of macrosomic fetuses in diabetic mothers, Benson CB; Doubilet PM; Saltzman DH; et al, (J Ultrasound Med), 5: 141, 1986

gestational trophoblastic tumors metastatic to the lung. radiologic-clinical correlations, Hendin AS, (Radiology), **152**: 249, 1984

hepatic rupture associated with pregnancy: treatment with transcatheter embolotherapy, Loevinger EH; Vujic I; Lee WM; et al, (Radiology), 156: 272, 1985

hepatic rupture in preclampsia: role of diagnostic imaging, Winer-Muram HT; Muram D; Salazar J; et al, (Radiology), 157: 849, 1985

holoprosencephaly in infants of diabetic mothers, Barr M Jr; Hanson JW; Currey K; et al, (Radiology), **150**: 289, 1984

hydronephrosis of pregnancy: a prospective sequential study of the course of dilatation, Fried AM; Woodring JH; Thompson DJ, (Radiology), 151: 835, 1984

in vitro fertilization and embryo transfer complicated by simultaneous ectopic and intrauterine twin gestation, Simpson EL; Coleman BG; Sondheimer SJ; et al, (J Ultrasound Med), 5: 49, 1986

magnetic resonance imaging in obstetric diagnosis, Weinreb JC; Lowe TW; Santos-Ramos R; Cunningham FG; Parkey R, (Radiology), 154: 157, 1985

medial dislocation of the radial head following breech delivery: a case report and review of the literature, Bayne O; Rang M, (Radiology), 155: 277, 1985

MRI of puerperal ovarian-vein thrombosis (case report), Martin B; Mulopulos GP; Bryan PJ, (AJR), 147: 291, 1986

obstetric factors in the causation of early periventricular-intraventricular hemorrhage, Tejani N; Rebold B; Tuck S; et al, (Radiology), 155: 853, 1985

operative ultrasonography in the biliary tract during pregnancy, Machi J; Sigel B; McGrath EC; et al, (Radiology), 156: 570,

osteomalacia presenting as pathological fracture during pregnancy in Asian women of high socioeconomic class, Dandona P; Okonolucano F; Clements RV, (Radiology), 157: 566, 1985

pictorial essay of pelvic and abdominal masses seen during pregnancy, Rahatzad MT; Adamson D, (JCU), 14: 255, 1986

placental abruption and subchorionic hemorrhage in the first half of pregnancy: US appearance and clinical outcome, Sauerbrei EE; Pham DH, (Radiology), 160:

prenatal observation of umbilical cord hematoma, Sutro WH; Tuck SM; Loesevitz A; et al, (AJR), 142: 801, 1984

prognostic value of ultrasound, HCG and progesterone in threatened abortion, Eriksen BC; Eik-Nes SH, (JCU), 14: 3, 1986

reevaluation of placental grading and its clinical significance, Hopper KD; Komppa CH; Bice P; et al, (Radiology), 154: 569, 1985

ruptured uterus: sonographic diagnosis, Bedi DG; Salmon A; Winsett MZ; et al, (JCU), **14**: 529, 1986

separated chorioamnion and elevated chorion: sonographic features and clinical significance, Kaufman AJ; Fleischer AC; Thieme GA; et al. (J Ultrasound Med), 4: 119,

onographic detection of fetal intraperitoneal fluid, Hashimoto BE; Filly RA; Callen PW, (J Ultrasound Med), 5: 203, 1986

sonographic diagnosis of simultaneous intrauterine and ectopic pregnancy, Benacerraf BR; Rinehart JS; Schiff I, (J Ultrasound Med), 4: 321, 1985

sonographic differentiation between blighted ovum and early viable program. ovum and early viable pregnancy, Bernard KG; Cooperberg PL, (AJR), **144:** 597,

sonographic evaluation of bile duct size during pregnancy, Mintz MC; Grumbach K; Arger PH; et al, (AJR), 145: 575, 1985

- sonographic evaluation of multiple pregnancy, Crane JP, (Semin US CT MR), 5: 144, 1984
- sonography of post-cesarean-section bladderflap hematoma, Baker ME; Bowie JD; Killam AP, (AJR), 144: 757, 1985
- threatened abortion: sonographic distinction of normal and abnormal gestation sacs, Nyberg DA; Laing FC; Filly RA, (Radiology), 158: 397, 1986
- threatened abortion: sonographic distinction of normal and abnormal gestation sacs, Cadkin AV; McAlpin J, (Radiology), 160: 567, 1982.
- threatened abortion: sonographic distinction of normal and abnormal gestation sacs: reply, Nyberg DA; Laing FC; Filly RA, (Radiology), 160: 567, 1986
- toxemia of pregnancy: cerebral CT findings, Naheedy MH; Biller J; Schiffer M; et al, (JCAT), 9: 497, 1985
- ultrasonographic differentiation of cervical abortion from cervical pregnancy, Vas W; Suresh PL; Tang-Barton P; et al, (Radiology), 157: 863, 1985
- ultrasound assessment of the postmature pregnancy, Moya F; Grannum P; Pinto K; et al, (Radiology), **157**: 863, 1985
- ultrasound of gestational trophoblastic disease, Munyer TP; Callen PW; Filly RA, (Clin Diagn Ultrasound), **15**: 105, 1984
- ultrasound, signs in threatened abortion and their prognostic significance, Mantoni M, (Radiology), 157: 863, 1985
- uterine myomas in pregnancy, Winer-Muram HT; Muram D; Gillieson MS, (Radiology), **154**: 861, 1985
- yolk sac sign: sonographic appearance of the fetal yolk sac in missed abortion, Hurwitz SR, (J Ultrasound Med), 5: 435, 1986
- Pregnancy, ectopic chronic ectopic pregnancy, Bedi DG; Fagan CJ; Nocera RM, (Radiology), 155: 285, 1985
- coexistent intrauterine and ectopic pregnancy: a reevaluation, Hann LE; Bachman DM; McArdle CR, (Radiology), 152: 151, 1984
- decidua—chorionic sac: a reliable sonographic indicator of intrauterine pregnancy prior to detection of a fetal pole, Cadkin AV; McAlpin J, (J Ultrasound Med), 3: 539, 1984
- diagnosis and treatment of cervical pregnacy, Kuppuswami N; Vindekilde J; Sethi CM; et al, (Radiology), **150**: 868, 1984
- diagnosis of ectopic pregnancy, Romero R; Taylor KJW; Kadar N; et al, (Clin Diagn Ultrasound), **15**: 123, 1984
- direct diagnosis of unruptured ectopic pregnancy by real-time ultrasonography, Gleicher N; Giglia RV; Depped G; et al, (Radiology), 150: 616, 1984
- early intrauterine pregnancy or decidual cast: an anatomic-sonographic approach, Nelson PA; Bowie JD; Rosenberg ER, (Radiology), 153: 280, 1984
- echoic pseudogestational sac of ectopic pregnancy simulating early intrauterine pregnancy, Schaffer RM; Stein K; Shih YH; et al, (Radiology), 151: 834, 1984
- ectopic pregnancy and other causes of acute pelvic pain, Manor WF; Zwiebel WJ; Hanning RV Jr; et al, (Semin US CT MR), 6: 181, 1985
- ectopic pregnancy: malpractice paradigm, James AE Jr; Fleischer AC; Sacks GA; Greeson T, (Radiology), 160: 411, 1986
- ectopic pregnancy: sonographic-pathologic correlations, Spirt BA; Berlow ME; Gordon LP; Weil LR, (Radiographics), 4: 821, 1984
- evidence of contralateral ovulation in ectopic pregnancy, Berry SM; Coulam CB; Hill LM; et al, (J Ultrasound Med), 4: 293, 1985
- intradecidual sign: US criterion of early intrauterine pregnancy, Yeh H-C; Goodman JD; Carr L; Rabinowitz JG, (Radiology), **161**: 463, 1986
- in vitro fertilization and embryo transfer complicated by simultaneous ectopic and intrauterine twin gestation, Simpson EL; Coleman BG; Sondheimer SJ; et al, (J Ultrasound Med), 5: 49, 1986
- long-term follow-up after removal of an abdominal pregnancy: ultrasound evaluation of the involuting placenta, Belfar HL, Kurtz AB, Wapner RJ, (J Ultrasound Med), 5: 521, 1986

- MR imaging of a viable full-term abdominal pregnancy, Cohen JM; Weinreb JC; Lowe TW; et al, (AJR), 145: 407, 1985
- sonographic demonstration of simultaneous intrauterine and extrauterine gestation, Yaghoobian J; Pinck RL; Ramanathan K; et al. (J Ultrasound Med), 5: 309, 1986
- sonographic diagnosis of simultaneous intrauterine and ectopic pregnancy, Benacerraf BR; Rinehart JS; Schiff I, (J Ultrasound Med), 4: 321, 1985
- sonographic evaluation of ectopic pregnancy, Mahony BS; Filly RA; Nyberg DA; et al, (J Ultrasound Med), 4: 221, 1985
- two cases of combined intrauterine and extrauterine pregnancy, Paterson JJ, (Radiology), **154**: 569, 1985
- ultrasound findings in ectopic gestation, Simons ME; Cooperberg PL; Graham MF, (J Canad Assoc Radiol), 37: 9, 1986
- uteroenteric fistula due to ruptured ectopic pregnancy, Peters IB; Williams CAK; Dahniya MH, (Radiology), **152**: 551, 1984
- Pregnancy, irradiation in 10-day recommendation, Pochin EE, (Clin Radiol), 37: 105, 1986
- maternity lead apron, Witrak BJ; Sprawls P, (Radiology), 150: 597, 1984

### Pregnancy, MR studies

- regnancy, MR studies extraadrenal pheochromocytoma: detection during pregnancy using MR imaging, Greenberg M; Moawad AH; Wieties BM; Goldberg LI; Kaplan EI; Greenberg B; Lindheimer MD, (Radiology), 161: 475, 1986
- magnetic resonance imaging in obstetric diagnosis, Weinreb JC; Lowe TW; Santos-Ramos R; Cunningham FG; Parkey R, (Radiology), **154**: 157, 1985
- magnetic resonance imaging in obstetrics and gynecology, McCarthy S, (Magn Res Imag), 4: 59, 1986
- MR imaging of a viable full-term abdominal pregnancy, Cohen JM; Weinreb JC; Lowe TW; et al, (AJR), 145: 407, 1985
- obstetrical magnetic resonance imaging: fetal anatomy, McCarthy SM; Filly RA; Stark DD; Hricak H; Brant-Zawadzki M; Callen PW; Higgins CB, (Radiology), 154: 427, 1985
- obstetrical magnetic resonance imaging: maternal anatomy, McCarthy SM; Stark DD; Filly RA; Callen PW; Hricak H; Higgins CB, (Radiology), 154: 421, 1985
- pelvic masses in pregnant patients: MR and US imaging, Weinreb JC; Brown CE; Lowe TW; Cohen JM; Erdman WA, (Radiology), 159: 717, 1986
- pelvimetry by magnetic resonance imaging, Stark DD; McCarthy SM; Filly RA; et al, (AJR), **144**: 947, 1985

## Pregnancy, US studies

- See also Fetus, US studies
- abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels, Nyberg DA; Filly RA; Filho DLD; Laing FC; Mahony BS, (Radiology), **158**: 393, 1986
- abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels, Kadar N; Romero R, (Radiology), 161: 854, 1986
- abnormal pregnancy: early diagnosis by US and serum chorionic gonadotropin levels: reply, Filly RA; Laing FC; Nyberg DA, (Radiology), 161: 854, 1986
- abruptio placentae: apparent thickening of the placenta caused by hyperechoic retroplacental clot, Mintz MC; Kurtz AB; Arenson R; et al, (J Ultrasound Med), 5: 411, 1986
- adverse effect of an overdistended bladder on first-trimester sonography, Baker ME; Mahony BS; Bowie JD; et al, (AJR), 145: 597, 1985
- antenatal measurement of fetal umbilical venous flow by pulsed Doppler and B-mode ultrasonography, Chen H-Y; Lu C-C; Cheng Y-T; et al, (J Ultrasound Med), 5: 319, 1986
- atlas of obstetrical ultrasonography, Yiu-Chiu VS; Chiu LC, Reviewed by Borg SA, (Radiology), 152: 142, 1984
- chorionic villi sampling: a new technique for detection of genetic abnormalities in the first trimester, Cadkin AV; Ginsberg NA; Pergament E; Verlinski Y, (Radiology), 151: 159, 1984

- coexistent intrauterine and ectopic pregnancy: a reevaluation, Hann LE; Bachman DM; McArdle CR, (Radiology), 152: 151, 1984
- ongenital uterine anomalies and associated pregnancies: findings and pitfalls of sonographic diagnosis, Pennes DR; Bowerman RA; Silver TM, (J Ultrasound Med), 4: 531, 1985
- cysts in pregnancy discovered by sonography, Nelson MJ; Cavalieri R; Graham D; et al, (JCU), 14: 509, 1986
- diagnosis and treatment of cervical pregnacy, Kuppuswami N; Vindekilde J; Sethi CM; et al, (Radiology), **150**: 868, 1984
- diagnostic ultrasound imaging in pregnancy: report of the National Institutes of Health Consensus Development Conference 1984, Manco-Johnson ML, (Ultrasound Med Biol), 12: 710. 1986
- direct diagnosis of unruptured ectopic pregnancy by real-time ultrasonography, Gleicher N; Giglia RV; Depped G; et al, (Radiology), 150: 616, 1984
- distribution of placental grade in high-risk gravidas, Hills D; Irwin GAL; Tuck S; et al, (AJR), 143: 1011, 1984
- early gestation: correlation of HCG levels and sonographic identification, Nyberg DA; Filly RA; Mahony BS; et al, (AJR), 144: 951, 1985
- early intrauterine pregnancy or decidual cast: an anatomic-sonographic approach, Nelson PA; Bowie JD; Rosenberg ER, (Radiology), 153: 280, 1984
- ectopic pregnancy: sonographic-pathologic correlations, Spirt BA; Berlow ME; Gordon LP; Weil LR, (Radiographics), 4: 821, 1984
- fallacy of placental migration: effect of sonographic techniques, Artis AA III; Bowie JD; Rosenberg ER; et al, (AJR), 144: 79. 1985
- 79, 1985 guidelines for obstetrical scanning and reporting: legal necessity, Bundy AL; Jones TB, (J Ultrasound Med), 4: 483, 1985
- intradecidual sign: US criterion of early intrauterine pregnancy, Yeh H-C; Goodman JD; Carr L; Rabinowitz JG, (Radiology), 161: 463, 1986
- in utero findings in twin pentalogy of Cantrell, Baker ME; Rosenberg ER; Trofatter KF; et al, (J Ultrasound Med), 3: 525. 1984
- localized deposition of Wharton's jelly: sonographic findings, Ramanathan K; Epstein S; Yaghoobian J, (J Ultrasound Med), 5: 339, 1986
- ong-term follow-up after removal of an abdominal pregnancy: ultrasound evaluation of the involuting placenta, Belfar HL, Kurtz AB; Wapner RJ, (J Ultrasound Med), 5: 521, 1986
- magnetic resonance imaging in obstetric diagnosis, Weinreb JC: Lowe TW; Santos Ramos R; Cunningham FG; Parkey R, (Radiology), 154: 157, 1985
- minicomputer-based system for obstetric ultrasound analysis, with multi-user and networking capability, Simon NV; Hansberry PA; Shearer DM; et al, (J Ultrasound Med), 4: 545, 1985
- non-filled bladder: techniques and applications in sonographic evaluation of the early second trimester pregnancy. King W III; Higashida RT, (Radiographics), 4: 977,
- non-filled bladder: techniques and applications in sonographic evaluation of the early second trimester pregnancy, King W III; Higashida RT, (Radiographics), 4: 977, 1984
- pelvic masses in pregnant patients: MR and US imaging, Weinreb JC; Brown CE; Lowe TW; Cohen JM; Erdman WA, (Radiology), 159: 717, 1986
- placenta as an indicator of fetal maturity: fact and fancy, Spirt BA; Gordon LP, (Semin US CT MR), 5: 290, 1984
- placental abruption and subchorionic hemorrhage in the first half of pregnancy: US appearance and clinical outcome, Sauerbrei EE; Pham DH, (Radiology), **160**: 109, 1986
- placental abruption and subchorionic hemorrhage in the first half of pregnancy: US appearance and clinical outcome, Sauerbrei EE; Pham DH, (Radiology), 160: 109, 1986

- placental grading in the complicated or high-risk pregnancy, Clair MR; Rosenberg ER; Tempkin D; et al, (Radiology), **151**: 834, 1984
- placental patterns as seen on ultrasonography, Van Dongen LGR; Goudie E, (Radiology), 151: 834, 1984
- placental thickness, Hoddick WK; Mahony BS; Callen PW; et al. (J Ultrasound Med), 4: 479,
- prenatal examination of the fetal cranium, spine, and central nervous system, Pasto ME; Kurtz AB, (Semin US CT MR), 5:
- prognostic value of ultrasound, HCG and progesterone in threatened abortion, Eriksen BC; Eik-Nes SH, (JCU), 14: 3, 1986
- reevaluation of placental grading and its clinical significance, Hopper KD; Komppa GH; Bice P; et al., (Radiology), **154**: 569, 1985
- relationship between grade III placentas and biparietal diameter determinations, Ashton SS; Russo MP; Simon NV; et al, (Radiology), 151: 275, 1984
- role of ultrasound in obstetric management, Goldkrand JW; Benjamin DS; Cantor DM, (JCU), 14: 589, 1986
- role of ultrasound in the management of twin pregnancies, Pridmore BR, (Radiology), **158**: 862, 1986
- routine obstetric ultrasound: effectiveness of cross-sectional screening for fetal growth retardation, Ferrazzi E; Nicolini U; Kustermann A; et al, (JCU), 14: 17, 1986
- safety of ultrasound with selective emphasis for obstetrics, O'Brien WD Jr, (Semin US CT MR), 5: 105, 1984
- separated chorioamnion and elevated chorion: significance, Kaufman AJ; Fleischer AC; Thieme GA; et al, (J Ultrasound Med), 4: 119,
- simple reporting system for obstetrical ultrasonography, Jeanty P, (J Ultrasound Med), 4: 591, 1985
- simple tailored microcomputer system for the obstetrical ultrasound laboratory, Carrasco CR; Leymaster CE, (J Ultrasound Med), 5: 21, 1986
- sonographic demonstration of simultaneous intrauterine and extrauterine gestation, Yaghoobian J; Pinck RL; Ramanathan K; et al, (J Ultrasound Med), 5: 309.1986
- sonographic diagnosis of hydramnios and oligohydramnios, Moore PT: Mencini RA: Spitz HB, (Semin US CT MR), 5: 157, 1984
- sonographic evaluation of ectopic pregnancy, Mahony BS; Filly RA; Nyberg DA; et al, (J Ultrasound Med), 4: 221, 1985
- sonographic evaluation of multiple pregnancy, Crane JP, (Semin US CT MR), 5: 144, 1984
- sonographic placental localization in the determination of the site of uterine incision for placenta previa, Boehm FH; Fleischer AC; Barrett JM, (Radiology), **150**: 869, 1984
- subplacental complex: further sonographic observations, Marx M; Casola G; Scheible W; et al, (J Ultrasound Med), 4: 459,
- technical factors responsible for "placental migration": sonographic assessment, Townsend RR; Laing FC; Nyberg DA; Jeffrey RB Jr; Wing VW, (Radiology), 160:
- threatened abortion: sonographic distinction of normal and abnormal gestation sacs, Nyberg DA; Laing FC; Filly RA, (Radiology), 158: 397, 1986
- threatened abortion: sonographic distinction of normal and abnormal gestation sacs, Cadkin AV; McAlpin J, (Radiology), 160:
- threatened abortion: sonographic distinction of normal and abnormal gestation sacs: reply, Nyberg DA; Laing FC; Filly RA, (Radiology), 160: 567, 1986
- two cases of combined intrauterine and extrauterine pregnancy, Paterson JJ, (Radiology), **154**: 569, 1985
- ultrasonic demonstration of the amnion, Jeanty P; Renoy P; Van Kerkem J; et al, (Radiology), **150**: 300, 1984

- ultrasonographic demonstration of floating particles in amniotic fluid, Parulekar SG, (Radiology), **150**: 616, 1984
- ultrasonographic differentiation of cervical abortion from cervical pregnancy, Vas W; Suresh PL; Tang-Barton P; et al, (Radiology), 157: 863, 1985
- ultrasonographic findings in placenta increta, Pasto ME; Kurtz AB; Rifkin MD; et al, (Radiology), 151: 560, 1984
- ultrasonography in obstetrics and gynecology, Callen PW, Reviewed by Kennedy J, (Radiology), 152: 418, 1984
- (Radiology), 152: 418, 1954 ultrasonography in obstetrics and gynecology. 2d ed., Hobbins JC; Winsberg F; Berkowitz RL, Reviewed by Kennedy J, (Radiology), 152: 418, 1984
- ultrasound appearance of particulate matter in amniotic cavity: vernix or meconium?, DeVore GR; Platt LD, (JCU), 14: 229, 1986
- ultrasound assessment of the postmature pregnancy, Moya F; Grannum P; Pinto K; et al, (Radiology), 157: 863, 1985 ultrasound findings in ectopic gestation, Simons ME; Cooperberg PL; Graham MF, (J Canad Assoc Radiol), 37: 9, 1986
- ultrasound signs in threatened abortion and
- their prognostic significance, Mantoni M, (Radiology), 157: 863, 1985
- use of diagnostic ultrasound imaging during pregnancy, National Institutes of Health Consensus Conference, (Radiology), 154:
- use of femur length/abdominal circumference ratio in detecting the macrosomic fetus, Hadlock FP; Harrist RB; Fearneyhough TC; Deter RL; Park SK; Rossavik IK, (Radiology), 154: 503, 1985
- use of ultrasound in evaluating problems and complications of genetic amniocentesis, McArdle CR; Cohen W; Nickerson C; et al, (Radiology), 152: 564, 1984
- yolk sac sign: sonographic appearance of the fetal yolk sac in missed abortion, Hurwitz SR, (J Ultrasound Med), 5: 435, 1986
- Priapism See Penis Prolactin
- See Hormones Prostaglandin
- bone changes from prostaglandin therapy, Poznanski AK; Fernbach SK; Barry TE, (Radiology), **157**: 853, 1985
- (Radiology), 157: 853, 1985 cortical hyperostosis caused by longterm prostaglandin E<sub>2</sub> therapy, Benz-Bohm G; Emons D; Schickendantz S; et al, (Radiology), 153: 275, 1984 periosteal changes secondary to prostaglandin administration, Kingel RE; Haney PI; Brenner JI; et al, (Radiology), 151: 823, 1984
- prostaglandin levels in human renal venous blood during renal arteriography, Paajanen H; Satokari K; Uotila P; et al, (Eur J Radiol), 6: 132, 1986
- prostaglandins in diagnostic and therapeutic superior mesenteric artery pharmacoangiography, Burgener FA; Gutierrez OH, (Invest Radiol), 21: 210, 1986
- pseudo-widening of cranial sutures as a feature of long-term prostaglandin E<sub>1</sub> therapy, Beitzke A; Stein J, (Pediatr Radiol), 16: 57, 1986
- 16: 57, 1986
  vasoconstrictive effects of prostaglandin F2
  alpha angiography on colonic lesions,
  Yuasa Y; Kohda E; Ido K; Kodera K;
  Narimatsu Y; Isobe Y; Hiramatsu K,
  (Radiology), 151: 305, 1984
  venous "lakes" of the hands, Levy JM;
  Hessel SJ; Joseph RB; Bodell LS, (Radiology),
  156: 603, 1985
- widening of cranial sutures after long-term prostaglandin E<sub>2</sub> therapy in two newborn infants, Hoevels-Guerich H; Haferkorn L; Persigehl M; et al, (Radiology), **154**: 851, 1985
- Prostate, abscess
  - sonographic demonstration of prostatic abscess, Lee F Jr; Lee F; Solomon MH; et al, (J Ultrasound Med), 5: 101, 1986
- Prostate, biopsy do prostatic biopsies 12 months or more after external irradiation for adenocarcinoma, stage III, predict long-term survival?, Cox JD; Kline RW, (Radiology), 151: 564
- 1994
  echogenic focus in prostatic sonograms, with xeroradiographic and histopathologic correlation, Dahnert WF; Hamper UM; Walsh PC; Eggleston JC; Sanders RC, (Radiology), 159: 95, 1986

- prevesical hematoma: complicaton of prostatic biopsy, Choyke PL; Blei CL; Jaffe MH; et al, (Urol Radiol), 8: 32, 1986
- prostate biopsy utilizing transrectal ultrasound guidance: diagnosis of nonpalpable cancers, Rifkin MD: Kurtz AB; Goldberg BB, (Radiology), 151: 559, 1984
- Goldberg Bb, (Radiology), 131: 539, 1964 prostatic evaluation by transrectal sonography: criteria for diagnosis of early carcinoma, Lee F; Gray JM; McLeary RD; Lee F Jr; McHugh TA; Solomon MH; Kumasaka GH; Straub WH; Borlaza GS; Murphy GP, (Radiology), 158: 91, 1986
- (Radiology), 100: 71, 1700
  prostatic evaluation by transrectal sonography
  with histopathologic correlation: echopenic
  appearance of early carcinoma, Dahnert WF;
  Hamper UM; Eggleston JC; Walsh PC;
  Sanders RC, (Radiology), 158: 97, 1986
- ultrasound versus digitally directed prostatic needle biopsy, Liddell HT; McDougal WS; Burks DD; et al, (Radiology), **160**: 858, 1986

### Prostate, CT

- computed tomography of prostatic abscess, Dennis MA; Donohue RE, (JCAT), 9: 201,
- CT staging of prostate cancer, Styles RA Seltzer SE, (Radiology), 157: 838, 1985
- lower urinary tract computed tomography, Arger PH; Coleman BG; Mintz MC, (Semin US CT MR), 7: 287, 1986
- Prostate, hyperplasia
- rostate, hyperplasia balloon dilatation of the prostatic urethra. work in progress, Quinn SF; Dyer R; Smathers R; Glass T; Wright E; Roberts C; Burke J; Argenbright J, (Radiology), 157: 57,
- benign prostatic hyperplasia: tissue characterization using suprapubic ultrasound, Abu-Yousef MM, (Radiology), 156: 169, 1985
- prostatic carcinoma and benign prostatic hyperplasia: inability of MR imaging to distinguish between the two diseases, Ling D; Lee JKT; Heiken JP; Balfe DM; Glazer HS; McClennan BL, (Radiology), 158: 103 1986
- prostatic carcinoma: detection and staging using suprapubic US, Abu-Yousef MM; Narayana AS, (Radiology), **156**: 175, 1985
- Narayana AS, (Radiology), 150: 175, 1995 prostatic evaluation by transrectal sonography: criteria for diagnosis of early carcinoma, Lee F; Gray JM; McLeary RD; Lee F Jr; McHugh TA; Solomon MH; Kumasaka GH; Straub WH; Borlaza GS; Murphy GP, (Radiology), 158: 91, 1986
- prostatic evaluation of transrectal endosonography: detection of carcinoma, Rifkin MD; Friedland GW; Shortliffe L, (Radiology), 158: 85, 1986
- prostatic hyperplasia: radiological intervention. work in progress, Burhenne HJ; Chisholm RJ; Quenville NF, (Radiology), 152: 655, 1984
- sonourethrography: a technique for evaluation of the prostatic urethra, Rifkin MD, (Radiology), 153: 791, 1984

## Prostate, hypertrophy

- magnetic resonance imaging of the prostate, Poon PY; McCallum RW; Henkelman RM; Bronskill MJ; Sutcliffe SB; Jewett MAS; Rider WD; Bruce AW, (Radiology), 154: 143,
- natural history of benign prostatic hypertrophy, Watanabe H, (Ultrasound Med Biol), 12: 567, 1986

### Prostate, MR studies

- clinical and in vitro magnetic resonance imaging of prostatic carcinoma, Buonocore E; Hesemann C; Pavlicek W; et al, (AJR), 143: 1267, 1984
- evaluation of the prostate by magnetic resonance imaging, Larkin BT; Berquist TH; Utz DC, (Magn Res Imag), 4: 53, 1986
- incidental prostatic carcinoma detected by MRI and diagnosed by MRI/CT-guided biopsy, Herman SD; Friedman AC; Radecki PD; et al, (AJR), 146: 351, 1986
- magnetic resonance imaging of the prostate, Poon PY, (Semin US CT MR), 7: 298, 1986
- magnetic resonance imaging of the prostate, Bryan PJ; Butler HE; Nelson AD; et al, (AJR), 146: 543, 1986
- magnetic resonance imaging of the prostate, Foon PY; McCallum RW; Henkelman RM; Bronskill MJ; Sutcliffe SB; Jewett MAS; Rider WD; Bruce AW, (Radiology), 154: 143,

- magnetic resonance tomography of the pelvis, Smith FW, (Cardiovasc Intervent Radiol), 8: 367, 1986
- MRI of the bladder and prostate, Lee JKT; Rholl KS, (AJR), 147: 732, 1986
- prostatic carcinoma and benign prostatic hyperplasia: inability of MR imaging to distinguish between the two diseases, Ling D; Lee JKT; Heiken JP; Balfe DM; Glazer HS; McClennan BL, (Radiology), 158: 103, 1986

## Prostate, neoplasms

- advanced prostatic carcinoma: pulmonary manifestations, Apple JS; Paulson DF; Baber C; Putman ČE, (Radiology), 154: 601, 1985
- benign prostatic hyperplasia: tissue characterization using suprapubic ultrasound, Abu-Yousef MM, (Radiology), 156: 169, 1985
- clinical and in vitro magnetic resonance imaging of prostatic carcinoma, Buonocore E; Hesemann C; Pavlicek W; et al, (AIR), 143: 1267, 1984
- clinical problems associated with dosimetry of 125-iodine for cancer of the prostate, Abadir R; Logan KW, (Radiology), 155: 559, 1985
- comparison of digital examination and transrectal ultrasonography for the diagnosis of prostatic cancer, Chodak GW; Wald V; Parmer E; et al, (Radiology), 161: 574, 1986
- computed tomography of prostatic and bladder rhabdomyosarcomas, Baker ME; Silverman PM; Korobkin M, (JCAT), 9: 780, 1985
- controversies in the radiologic diagnosis of pelvic malignancies, Choyke PL; Thickman D; Kressel HY; et al, (Radiol Clin North Am), 23: 531, 1985
- correlation of transrectal sonographic findings in patients with suspected and unsuspected prostatic disease, Fritzsche PJ; Axford PD; Ching VC; et al., (Radiology), 151: 559, 1984
- CT staging of prostate cancer, Styles RA; Seltzer SE, (Radiology), 157: 838, 1985
- diuretic radionuclide renography to evaluate suspected ureteral obstruction on bone scans, Bedont R; Cook P; Taylor A Jr; Raabe R, (Radiology), 153: 825, 1984
- echogenic focus in prostatic sonograms, with xeroradiographic and histopathologic correlation, Dahnert WF; Hamper UM; Walsh PC; Eggleston JC; Sanders RC, (Radiology), 159: 95, 1986
- extended field (periaortic) irradiation in carcinoma of the prostate—analysis of RTOG 75-06, Pilepich MV; Krall JM; Johnson RJ; et al. (Int J Radiat Oncol Biol Phys), 12: 345, 1986
- external radiation therapy of localized prostatic cancer, Reddy EK; Giri S; Mansfield Ch., (Radiology), **152**: 566, 1984
- flare phenomenon on radionuclide bone scan in metastatic prostate cancer, Pollen JJ; Witztum KF; Ashburn WL, (AJR), 142: 773, 1984
- impact of external irradiation of local symptoms and survival free of disease in patients with pelvic lymph node metastasis from adenocarcinoma of the prostate, Smith JA Jr; Haynes T; Middleton RG, (Radiology), 153: 862, 1984
- incidental prostatic carcinoma detected by MRI and diagnosed by MRI/CT-guided biopsy, Herman SD; Friedman AC; Radecki PD; et al, (AJR), 146: 351, 1986
- lower urinary tract computed tomography, Arger PH; Coleman BG; Mintz MC, (Semin US CT MR), 7: 287, 1986
- lymphangiography and fine-needle aspiration biopsy: ineffective for staging early prostate cancer, Kidd R; Crane RD; Dail DH, (AJR), 142: 1007, 1984
- lysis of osteoblastic lesions in prostatic cancer: a sign of progression, Pollen JJ; Resnek RH; Talner LB, (AJR), 142: 1175, 1984
- magnetic resonance imaging of the prostate, Poon PY; McCallum RW; Henkelman RM; Bronskill MJ; Sutcliffe SBJ Jewett MAS; Rider WD; Bruce AW, (Radiology), 154: 143, 1985
- metastatic adenocarcinoma of the prostate as a cause of subdural hematoma, Bucci MN; Farhat SM, (Radiology), **160**: 858, 1986

- president's address: cancer cure with organ preservation using radiaion therapy, Brady LW; Markoe AM; Fisher S, (Radiology), 160: 1, 1986
- prostate biopsy utilizing transrectal ultrasound guidance: diagnosis of nonpalpable cancers, Rifkin MD; Kurtz AB; Goldberg BB, (Radiology), 151: 559, 1984
- prostate cancer: experience with definitive irradiation in the aged, Green N; Bodner H; Broth E, (Radiology), 156: 864, 1985
- prostatic cancer therapy: comparison of external-beam radiation and I-125 seed implantation treatment of stages B and C neoplasms, Morton JD; Harrison LB; Peschel RE, (Radiology), 159: 249, 1986
- prostatic carcinoma and benign prostatic hyperplasia: inability of MR imaging to distinguish between the two diseases, Ling D; Lee JKT; Heiken JP; Balfe DM; Glazer H5; McClennan BL, (Radiology), 158: 103, 1986
- prostatic carcinoma: detection and staging using suprapubic US, Abu-Yousef MM; Narayana AS, (Radiology), **156**: 175, 1985
- prostatic evaluation by transrectal sonography: criteria for diagnosis of early carcinoma, Lee F; Gray JM; McLeary RD; Lee F Jr; McHugh TA; Solomon MH; Kumasaka GH; Straub WH; Borlaza GS; Murphy GP, (Radiology), 158: 91, 1986
- prostatic evaluation by transrectal sonography with histopathologic correlation: echopenic appearance of early carcinoma, Dahnert WF; Hamper UM; Eggleston JC; Walsh PC; Sanders RC, (Radiology), 158: 97, 1986
- prostatic evaluation of transrectal endosonography: detection of carcinoma, Rifkin MD; Friedland GW; Shortliffe L, (Radiology), 158: 85, 1986
- radiation therapy versus delayed androgen deprivation for stage C carcinoma of the prostate, Paulson DF; Hodge GB Jr; Hinshaw W; et al. (Radiology), 154: 573, 1985
- radical external beam radiation therapy for prostate carcinoma, Garrett PG; Herman JG; Rawlings GA; et al, (Radiology), 155: 287, 1985
- radical prostatectomy with adjuvant radioactive gold for prostatic cancer: preliminary report, Rosenberg SJ; Leoning SA; Hawtrey CE; et al, (Radiology), 156: 564, 1985
- radioimmunodetection of prostatic cancer. in vivo use of radioactive antibodies against prostatic acid phosphatase for diagnosis and detection of prostatic cancer by nuclear imaging, Goldenberg DM; DeLand FH; Bennett SJ; et al, (Radiology), 151: 562, 1984
- radiotherapeutic prophylaxis of estrogeninduced gynecomastia: study of late sequela, Fass D; Steinfeld A; Brown J; et al, (Int J Radiat Oncol Biol Phys), 12: 407, 1986
- radiotherapy of prostatic carcinoma: long- or short-term efficacy. (Stanford University experience), Bagshaw MA; Ray GR; Cox RS, (Radiology), 156: 864, 1985
- regression of osteoblastic metastases from carcinoma of the prostate following therapy with tamoxifen, Amin R, (Br J Radiol), 59: 703, 1986
- results of treatment of patients with stage D<sub>1</sub> prostatic carcinoma, DeKernion JB; Huang M-Y; Kaufman JJ; et al, (Radiology), **159**: 571, 1986
- severe rectal injury following radiation for prostatic cancer, Green N; Goldberg H; Goldman H; et al, (Radiology), **153**: 862, 1984
- sonourethrography: a technique for evaluation of the prostatic urethra, Rifkin MD, (Radiology), 153: 791, 1984
- suprapubic sonographic detection of prostate , carcinoma, Hennig RC; Wilson SR, (Radiology), **158**: 287, 1986
- surgical management of stage B or C prostatic carcinoma: radical surgery vs. radiotherapy, Olsson CA; Babayan R; White RdV, (Radiology), 156: 864, 1985
- survival with localized carcioma: radical prostatectomy vs radiation therapy, Conant JK; Flannery JT; Graydon RJ; et al, (Radiology), 157: 575, 1985

- transrectal sonography of benign and malignant prostatic lesions, Burks DD; Drolshagen LF; Fleischer AC; et al, (AJR), 146: 1187, 1986
- transrectal ultrasonography for prostatic cancer: its value in staging and monitoring the response to radiotherapy and chemotherapy. Fujino A; Scardino PT, (Radiology), 157: 286, 1985
- (Radiology), 157, 260, 1760 transrectal ultrasonography in the following of prostatic carcinoma patients: a new prognostic parameter?, Carpentier PJ; Schroder FH, (Radiology), 154: 569, 1985
- ransrectal ultrasonography of the prostate, Pontes JE; Ohe H; Watanabe H; et al, (Radiology), 153: 572, 1984
- (Radiology), 153: 372, 1594 treatment of prostatic carcinoma by pelvic lymphadenectomy, temporary iridium-192 implant, and external irradiation, Tansey LA; Shanberg AM; Syed AMN; et al, (Radiology), 151: 278, 1984
- vicryl carrier for I-125 seeds: percutaneous transperineal insertion, Kumar PP; Good RR, (Radiology), 159: 276, 1986

### Prostate, radionuclide studies

- prostatic uptake of Ga-67, Sullivan WT; Rosen PR; Weiland FL; Ritchey ML, (Radiology), **152**: 537, 1984
- (Nationgy), 322-357, 1792 and immunodetection of prostatic cancer. in vivo use of radioactive antibodies against prostatic acid phosphatase for diagnosis and detection of prostatic cancer by nuclear imaging, Goldenberg DM; DeLand FH; Bennett SJ; et al, (Radiology), 151: 562, 1984

### Prostate, surgery

- radical prostatectomy with adjuvant radioactive gold for prostatic cancer: preliminary report, Rosenberg SJ; Leoning SA; Hawtrey CE; et al. (Radiology), 156: 564, 1985
- survival with localized carcioma: radical prostatectomy vs radiation therapy, Conant JK; Flannery JT; Graydon RJ; et al, (Radiology), 157: 575, 1985

### Prostate, therapeutic radiology

- acute toxicity and preliminary therapeutic results of pelvic lymphadenectomy combined with transperineal interstitial implantation of 192 fR and external beam radiotherapy for locally advanced prostate cancer, Brindle JS
- adjuvant radiotherapy following radical prostatectomy: results and complications, Gibbons RP; Cole BS; Richardson RG; et al, (Radiology), 159: 821, 1986
- clinical problems associated with dosimetry of 125-iodine for cancer of the prostate, Abadir R; Logan KW, (Radiology), 155: 559, 1985
- combined external radiotherapy and hormonal therapy for localized carcinoma of the prostate, Mukamel E; Servadio C; Lurie H, (Radiology), 150: 872, 1984
- comparison of whole pelvis versus small-field radiation therapy for carcinoma of prostate, Ploysongsang S; Scott RM; Aron BS; et al, (Radiology), 160: 573, 1986
- complications associated with preoperative radiation therapy and iodine-125 brachytherapy for localized prostatic carcinoma, Flanigan RC; Patterson J; Mendiondo OA; et al, (Radiology), 151: 838, 1984
- definitive radiotherapy following prostatectomy: results and complications, Forman JD; Wharam MD; Lee DJ; et al, (Int J Radiat Oncol Biol Phys), 12: 185, 1986
- do prostatic biopsies 12 months or more after external irradiation for adenocarcinoma, stage III, predict long-term survival?, Cox JD; Kline RW, (Radiology), 151: 564, 1984
- effects of external radiation therapy for cancer of the prostate on the serum concentrations of testosterone, follicle-stimulating hormone, luteinizing hormone and prolactin, Tomic R. Bergman B. Damber J-E; et al, (Radiology), 151: 838, 1984
- extended field (periaorite) irradiation in carcinoma of the prostate—analysis of RTOG 75-06, Pilepich MV; Krall JM; Johnson RJ; et al, (Int J Radiat Oncol Biol Phys), 12: 345, 1986
- external beam radiation salvage for residual or recurrent local tumor following radical prostatectomy, Ray GR, Bagshaw MA; Freiha F, (Radiology), 156: 287, 1985

## Prostate, therapeutic radiology

external radiation therapy of localized prostatic cancer, Reddy EK; Giri S; Mansfield CM, (Radiology), 152: 566, 1984

impact of external irradiation of local npact of external irradiation of local symptoms and survival free of disease in patients with pelvic lymph node metastasis from adenocarcinoma of the prostate, Smith JA Jr. Haynes T; Middleton RG, (Radiology), 153: 862, 1984

pelvic complications after definitive treatment of prostate cancer by interstitial or external beam radiation, Schellhammer PF; El-Mahdi AM, (Radiology), 151: 280, 1984

president's address: cancer cure with organ preservation using radiaion therapy, Brady LW; Markoe AM; Fisher S, (Radiology), 160: 1, 1986

prostate cancer: experience with definitive irradiation in the aged, Green N; Bodner H; Broth E, (Radiology), 156: 864, 1985

prostatic cancer therapy: comparison of external-beam radiation and I-125 seed implantation treatment of stages B and C neoplasms, Morton JD; Harrison LB; Peschel RE, (Radiology), 159: 249, 1986 radiation therapy in carcinoma of the prostate:

contributing cause of urinary incontinence, Kaufman JJ; Smith RB; Raz S, (Radiology), 156: 287, 1985

radiation therapy versus delayed androgen deprivation for stage C carcinoma of the prostate, Paulson DF; Hodge GB Jr; Hinshaw W; et al, (Radiology), 154: 573,

radical prostatectomy with adjuvant radioactive gold for prostatic cancer: preliminary report, Rosenberg SJ; Leoning SA; Hawtrey CE; et al, (Radiology), 156: 564, 1985

radiotherapy of prostatic carcinoma: long- or short-term efficacy. (Stanford University experience), Bagshaw MA; Ray GR; Cox RS, (Radiology), 156: 864, 1985

survival with localized carcioma: radical prostatectomy vs radiation therapy, Conant JK; Flannery JT; Graydon RJ; et al, (Radiology), **157**: 575, 1985

transperineal 125 iodine seed implantation in prostatic cancer guided by transrectal ultrasonography, Holm HH; Juul N; Pedersen JF; et al, (Radiology), **151:** 837,

treatment of prostatic carcinoma by pelvic lymphadenectomy, temporary iridium-192 implant, and external irradiation, Tansey LA; Shanberg AM; Syed AMN; et al, (Radiology), 151: 278, 1984

tumor control in definitive irradiation of localized carcinoma of the prostate, Perez CA; Pilepich MV; Zivnuska F, (Int J Radiat Oncol Biol Phys), 12: 523, 1986

vicryl carrier for I-125 seeds: percutaneous transperineal insertion, Kumar PP; Good RR, (Radiology), **159**: 276, 1986

### Prostate, US studies

benign prostatic hyperplasia: tissue characterization using suprapubic ultrasound, Abu-Yousef MM, (Radiology), 156: 169, 1985

comparison of digital examination and transrectal ultrasonography for the diagnosis of prostatic cancer, Chodak GW; Wald V; Parmer E; et al. (Radiology), 161: 574, 1986

correlation of transrectal sonographic findings in patients with suspected and unsuspected prostatic disease, Fritzsche PJ; Axford PD; Ching VC; et al., (Radiology), 151: 559, 1984

echogenic focus in prostatic sonograms, with xeroradiographic and histopathologic correlation, Dahnert WF; Hamper UM; Walsh PC; Eggleston JC; Sanders RC, (Radiology), 159: 95, 1986

imaging of the prostate by ultrasound, Peeling WB; Griffiths GJ, (Radiology), **155**: 284, 1985

284, 1985
prostate biopsy utilizing transrectal
ultrasound guidance: diagnosis of
nonpalpable cancers, Rifkin MD; Kurtz AB;
Goldberg BB, (Radiology), 151: 559, 1984
prostatic carcinoma: detection and staging
using suprapubic US, Abu-Yousef MM;
Narayana AS, (Radiology), 156: 175, 1985

prostatic evaluation by transrectal sonography: criteria for diagnosis of early carcinoma, Lee F; Gray JM; McLeary RD; Lee F Jr; McHugh TA; Solomon MH; Kumasaka GH; Straub WH; Borlaza GS; Murphy GP, (Padiology) 159, 91 (Radiology), 158: 91, 1986

prostatic evaluation by transfectal sonography with histopathologic correlation: echopenic appearance of early carcinoma, Dahnert WF; Hamper UM; Eggleston JC; Walsh PC; Sanders RC, (Radiology), 158: 97, 1986 prostatic evaluation of transfectal

endosonography: detection of carcinoma, Rifkin MD; Friedland GW; Shortliffe L, (Radiology), **158**: 85, 1986

quantitative analysis of ultrasonogram of the prostate, Kimura A; Nakamura S; Niizuma M; et al, (JCU), 14: 501, 1986

sonographic demonstration of prostatic abscess, Lee F Jr; Lee F; Solomon MH; et al, (J Ultrasound Med), 5: 101, 1986

sonourethrography: a technique for evaluation of the prostatic urethra, Rifkin MD, (Radiology), 153: 791, 1984

special device for the objective size measurement of the prostata via transrectal sonography, Pfitzenmaier N; Malzacher F, (Radiology), 150: 299, 1984

suprapubic sonographic detection of prostate carcinoma, Hennig RC; Wilson SR, (Radiology), **158**: 287, 1986

transrectal prostatic ultrasonography: comparison of linear array and radial scanners, Rifkin MD, (J Ultrasound Med), 4:

transrectal sonography of benign and malignant prostatic lesions, Burks DD; Drolshagen LF; Fleischer AC; et al, (AJR), 146: 1187, 1986

transrectal ultrasonography, Spirnak JP; Resnick MI, (Radiology), **154**: 283, 1985

response to radiotherapy and monitoring the response to radiotherapy and chemotherapy, Fujim A; Scardino PT, (Radiology), 157: 286, 1985

(Radiology), 197: 286, 1981
transrectal ultrasonography in the following of prostatic carcinoma patients: a new prognostic parameter?, Carpentier PJ; Schroder FH, (Radiology), 154: 569, 1985 transrectal ultrasonography of the prostate, Pontes JE; Ohe H; Watanabe H; et al, (Radiology), 153: 572, 1984

rtansrectal ultrasound tomography by electronic linear scanner, Schuller J; Walther V, (Radiology), **150**: 299, 1984

benign prostatic hyperplasia: tissue characterization using suprapubic ultrasound, Abu-Yousef MM, (Radiology), 156: 169, 1985

prostatic carcinoma: detection and staging using suprapubic US, Abu-Yousef MM; Narayana AS, (Radiology), **156**: 175, 1985

prostatic uptake of Ga-67, Sullivan WT; Rosen PR; Weiland FL; Ritchey ML, (Radiology), 152: 537, 1984

Angelchik anti-reflux device: radiographic appearance of complications, Curtis DJ; Benjamin SB; Kerr R; Castell DO, (Radiology), 151: 311, 1984

(kadiology), 1313 11, 1342 automatic implantable cardioverter-defibrillator: radiographic appearance, Goodman LR; Troup PJ; Thorsen MK; Youker JE, (Radiology), 155: 571, 1985

rouker JE, (Kadiology), 195: 371, 1965 bone cysts containing silicone particles in bones adjacent to a carpal silastic implant, Telaranta T; Solonen KA; Tallroth K; et al, (Radiology), 154: 556, 1985 evaluation of Blom-Singer voice prosthesis, Vincent ME; Robbins AH; Walsh M; et al, (AJR), 143: 745, 1984

expandable biliary endoprosthesis: experimental study, Carrasco CH; Wallace S; Charnsangavej C; et al, (AJR), 145: 1279,

failure of total condylar knee replacement. correlation of radiographic, clinical, and surgical findings, Schneider R; Abenavoli AM; Soudry M; Insall J, (Radiology), 152: 309, 1984

magnetic resonance imaging of postoperative patients with metallic implants, Mechlin M; Thickman D; Kressel HY; et al, (AJR), 143:

orbital implants and prostheses: postoperative computed tomographic appearance, Gale ME; Vincent ME; Sutula FC, (AJNR), 6: 403, 1985

percutaneous transluminal angioplasty. an ineffective approach to the failing vascular access, Tortolani EC; Tan AHS; Butchart S, (Radiology), 153: 272, 1984

radiological follow-up of transluminally inserted vascular endoprostheses: an experimential study using expanding spirals, Maass D; Zollikofer CL; Largadrer F; Senning A, (Radiology), 152: 659, 1984

radiology of the angelchik prosthesis of gastroesophageal reflux, Burhenne LJW; Fratkin LB; Flak B; et al. (AJR), 142: 507, 1984

scintigraphic and x-ray arthrographic diagnosis of femoral prosthesis loosening: concise communication, Uri G; Wellman H; Capello W; et al, (Radiology), 154: 862, 1985

scintigraphic evaluation of the painful prosthetic joint: a comparison of gallium-67 citrate and indium-111 labeled leucocyte imaging, McKillop JH; McKay I; Cuthberg GF; et al. (Radiology), 154: 285, 1985

sequential technetium-99m HMDP-gallium-67 citrate imaging for the evaluation of infection in the painful prosthesis, Merkel KD, Brown ML, Fitzgerald RH Jr, (J Nucl Med), 27: 1413, 1986

ultrasonographic demonstration of the Angelchik prosthesis, Ward CF; Wolfman NT, (J Ultrasound Med), 4: 205,

### Proteinosis

bronchopulmonary lavage in pulmonary alveolar proteinosis: chest radiograph observations, Gale ME; Karlinsky JB; Robins AG, (AJR), 146: 981, 1986

# Prune belly syndrome

See Abdomen, abnormalities

### Pseudoarthrosis

pseudarthrosis following proximal humeral fractures: possible mechanism, Rooney PJ; Cockshott WP, (Skeletal Radiol), 15: 21, 1986

### Pseudomyxoma peritonei

calcification of pseudomyxoma peritonei following intraperitoneal chemotherapy: CT demonstration, Miller DL; Udelsman R; Sugarbaker PH, (ICAT), 9: 1123, 1985

case of the day, Goldberg ME; Frick M; Maile C; et al, (AJR), 144: 1290, 1985

computed tomography and magnetic resonance of pseudomyxoma peritonei, Weigert F; Lindner P; Rohde U, (JCAT), 9: 1120, 1985

CT of pseudomyxoma peritonei: case report, Masaryk TJ; Chilcote WA, (Radiology), **152**: 861, 1984

flank mass and pain in a 72-year-old man, Brady MB; Ewing RH; Robinson AE; et al, (Invest Radiol), 21: 419, 1986

mucocele of the appendix and pseudomyxoma peritonei, Dachman AH; Lichtenstein JE; Friedman AC, (AJR), 144: 923, 1985

sonography of pseudomyxoma peritonei, Hayashi N; Tamaki N; Yamamoto K; et al, (J Ultrasound Med), 5: 401, 1986

ultrasonography and computed tomography in pseudomyxoma peritonei, Yeh H-C; Shafir MK; Slater G; Meyer RJ; Cohen BA; Geller SA, (Radiology), 153: 507, 1984

uptake of <sup>99m</sup>Tc MDP by pseudomyxoma peritonei: a case report, Tu'meh SS; Polak JF; Kaplan WD, (Radiology), **153**: 282, 1984

## Pseudotumor cerebri

pseudotumor cerebri, Repka MX; Miller NR, (Radiology), **157**: 859, 1985

# Pterygopalatine fossa

computed tomographic anatomy of the pterygopalatine fossa, Curtin HD; Williams R, (Radiographics), 5: 429, 1985

CT of perineural tumor extension: pterygopalatine fossa, Curtin HD; Williams R; Johnson J, (AJNR), 5: 731, 1984

gas at the symphysis pubis: a sign of occult pelvic trauma, Scott ST; Watt I, (Radiology), 153: 270, 1984

parasymphyseal insufficiency fractures of the os pubis, Casey D; Mirra J; Staple TW, (AJR), 142: 581, 1984

pubic and sacral insufficiency fractures: clinical course and radiologic findings, De Smet AA; Neff JR, (AJR), 145: 601, 1985

### Pulmonary angiography

angiography of pulmonary emboli: digital studies and balloon-occlusion cineangiography, Ferris EJ; Holder JC; Lim WN; et al. (AJR), 142: 369, 1984

case of the season, Milton T, (Semin Roentgenol), 20: 5, 1985

inadvertent ligation of the left pulmonary artery, Jaffe RB; Orsmond GS; Veasy LG, (Radiology), 161: 355, 1986

(nationgy), 101: 303, 1700 intravenous digital subtraction angiography to assess pulmonary artery anatomy in patients with the Alagille syndrome, Brindza D; Moodie DS; Wyllie R; et al, (Radiology), 156: 263, 1985

processing alternatives for digital chest imaging, Johnson GA; Danieley N; Ravin CE, (Radiol Clin North Am), 23: 335,

pulmonary angiography, ventilation lung scanning, and venography for clinically suspected pulmonary embolism with abnormal perfusion lung scan, Hull RD; Hirsh J; Carter CJ; et al, (Radiology), 151:

pulmonary digital subtraction angiography, Pond GD, (Radiol Clin North Am), 23: 243,

unusual pulmonary angiographic findings in suspected pulmonary embolism, Cassling RJ; Lois JF; Gomes AS, (AJR), 145: 995, 1985

Pulmonary angiography, technology pulmonary vascularity in patients with pulmonary aresia and ventricular septal defect, Diethelm E; Soto B; Nath PH; Bargeron LM Jr; Kirklin JK, (Radiographics), 5: 243, 1985

**Pulmonary arteries** 

prospective study of complications of pulmonary artery catheterizations in 500 consecutive patients, Boyd KD; Thomas SJ; Gold J; et al, (Radiology), 151: 546, 1984

pulmonary circulation: radiology of adaptation, Grainger RG, (Radiology), 156: 561, 1985

traumatic pulmonary artery pseudoaneurysm, Gavant ML; Winer-Muram HT, (J Canad Assoc Radiol), 37: 108, 1986

vascular converging points of the right pulmonary hilus and their diagnostic significance, Don C; Hammond DI, (Radiology), 155: 295, 1985

Pulmonary arteries, abnormalities

bronchial compression by dilated pulmonary artery: surgical treatment, Corno A; Picardo S; Ballerini L; et al, (Radiology), **160**:

203, 1906 complete cartilage-ring tracheal stenosis associated with anomalous left pulmonary artery: the ring-sling complex, Berdon WE; Baker DH; Wung J-T; Chrispin A; Kozlowski K; de Silva M; Bales P; Alford BA, (Radiology), 152: 57, 1984

congenital heart disease: gated MR imaging in 72 patients, Julsrud PR, (Radiology), 161: 277, 1986

congenital heart disease: gated MR imaging in 72 patients: reply, Didier D, (Radiology), 161: 278, 1986

high-altitude pulmonary edema with absent right pulmonary artery, Rios B; Driscoll DJ; McNamara DG, (Radiology), 157: 281, 1985 inadvertent ligation of the left pulmonary artery, Jaffe RB; Orsmond GS; Veasy LG, (Radiology), 161: 355, 1986

inapparent pulmonary vascular disease in an ex-heroin user, Incalzi RA; Maini CL; Bonetti MG; et al, (Clin Nucl Med), 11: 266,

investigation of abnormal pulmonary arteries in congenital heart disease, Burrows PE; Freedom RM; Rabinovitch M; et al, (Radiol Clin North Am), 23: 689, 1985

magnetic resonance imaging of rerouted pulmonary blood flow, Soulen RL; Donner RM, (Radiol Clin North Am), 23:

MRI of congenital abnormalities of the great arteries, Fletcher BD; Jacobstein MD, (AJR), 146: 941, 1986

Pulmonary arteries, CT

compression of the right pulmonary artery by aortic aneurysms: CT demonstration, Cramer M; Foley WD; Palmer TE; et al, (JCAT), 9: 310, 1985

computerized tomography in chronic thromboembolic pulmonary hypertension, Kereiakes DJ; Herfkens RJ; Brundage BH; et al, (Radiology), 152: 860,

CT demonstration of a traumatic aneurysm of the pulmonary artery, Daykin EL; Irwin GAL; Harrison DA, (JCAT), 10: 323, 1986

CT identification of bronchopulmonary segments: 50 normal subjects, Osborne DR; Vock P; Godwin JD; et al, (AJR), 142: 47,

lower lobes: CT analysis, Jardin M; Remy J, (AJR), 147: 457, 1986

traumatic pulmonary artery aneurysm: CT evaluation, Crivello MS; Hayes C; Thurer RL; et al, (JCAT), 10: 503, 1986

Thurer RL; et al. (JCAT), 10: 503, 1986
Pulmonary arteries, flow dynamics
characteristics of blood flow velocity in the
hypertensive canine pulmonary artery,
Frantz EG; Henry GW; Lucas CL; et al,
(Ultrasound Med Biol), 12: 379, 1986
current concepts in the management of
neonatal ICU patients with pulmonary
hypertension and localized barotrauma,
Berdon WE, (Radiology), 158: 493, 1986
estimation of pulmonary vascular resistance
by MRI in patients with congenital
cardiovascular shunt lesions, Didier D;
Higgins CB, (AJR), 146: 919, 1986
invasive hemodynamic monitoring:

Higgins CB, (AJR.), 146: 919, 1986 invasive hemodynamic monitoring: radiologist's perspective, Henry DA; LeBolt S, (Radiographics), 6: 535, 1986 regional pulmonary distribution of iodine-125-labeled oleic acid: its relationship to the pattern of oleic acid edema and pulmonary blood flow, Tarver RD, Tsai J; Hedlund LW; et al, (Invest Radiol), 21: 102, 1986

Pulmonary arteries, MR studies cardiosynchronous MRI intensity changes of the great vessels and pulmonary circulation. preliminary report, Lallemand D; Wesbey GE: Gooding CA; et al, (Radiology), 158: 286, 1986

estimation of pulmonary vascular resistance by MRI in patients with congenital cardiovascular shunt lesions, Didier D; Higgins CB, (AJR), 146: 919, 1986

magnetic resonance imaging of aorta and pulmonary circulation. initial experience with ECC-gating, Lallemand D; Gooding CA; Wesbey GE; et al, (Radiology), 158: 286, 1986

magnetic resonance imaging of rerouted pulmonary blood flow, Soulen RL; Donner RM, (Radiol Clin North Am), 23:

MRI of congenital abnormalities of the great arteries, Fletcher BD; Jacobstein MD, (AJR), 146: 941, 1986

Pulmonary arteries, obstruction

See Pulmonary arteries, stenosis
Pulmonary arteries, radionuclide studies inadvertent ligation of the left pulmonary artery instead of patent ductus arteriosus:

artery instead of patent ductus arteriosus: noninvasive diagnosis by pulmonary perfusion imaging, Orzel JA; Monaco MP, (Clin Nucl Med), 11: 629, 1986 Pulmonary arteries, stenosis arteriohepatic dysplasia, Singcharoen T; Partridge J; Jeans WD; et al, (Br J Radiol), 59: 509, 1986

509, 1986 initial pulmonary artery involvement in Takayasu arteritis, Hayashi K; Nagasaki M; Matsunaga N; Hombo Z-i; Imamura T, (Radiology), 159: 401, 1986 intraluminal mass of the left pulmonary artery, Cossi AF; 5ykes MW; Shahian DM; et al, (Comput Radiol), 10: 111, 1986

noninvasive prediction of transvalvular pressure gradient in patients with pulmonary stenosis by quantitative two-dimensional echocardiographic Doppler studies, Lima CO; Sahn DJ; Valdes-Cruz LM; et al, (Radiology), 151: 272, 1984

Pulmonary arteries, surgery inadvertent ligation of the left pulmonary artery, Jaffe RB; Orsmond GS; Veasy LG, (Radiology), 161: 355, 1986

Pulmonary arteries, US studies characteristics of blood flow velocity in the hypertensive canine pulmonary artery, Frantz EG; Henry GW; Lucas CL; et al, (Ultrasound Med Biol), **12**: 379, 1986

(Ultrasound Med Biol), 12: 379, 1986 diagnosis of increased pulmonary blood flow by suprasternal M-mode echocardiography in atrial septal defect, Kasper W; Treese N; Pop T; et al, (Radiology), 152: 863, 1984 inadvertent ligation of the left pulmonary artery, Jaffe RB; Orsmond GS; Veasy LG, (Radiology), 161: 355, 1986 noninvasive prediction of transvalvular

noninvasive prediction of transvalvular pressure gradient in patients with pulmonary stenosis by quantitative two-dimensional echocardiographic Doppler studies, Lima CO; Sahn DJ; Valdes-Cruz LM; et al, (Radiology), 151: 272, 1984 two-dimensional echocardiographic detection of left pulmonary artery aneurysm following Potts' anastomosis, Lakhani ZM; McGarry KM; Taylor RF; et al, (Radiology), 152: 862, 1984

Pulmonary hypertension

See Hypertension, pulmonary

Pulmonary valve, US studies

congenital absence of pulmonary valve associated with tetralogy of Fallot: diagnosis by 2-dimensional echocardiography, Di Segni E; Einzig S; Bass JL; et al., (Radiology), 151: 557, 1984

contrast echocardiography in pulmonary hypertension: observations explaining the early closure of the pulmonic valve, Meltzer RS; Valk NV; ten Cate F; et al, (Radiology), 152: 862, 1984

**Pulmonary veins** 

bronchial venous plexus and its communication with pulmonary circulation, Murata K; Itoh H; Todo G; et al, (Invest Radiol), 21: 24, 1986

computed tomographic diagnosis of pulmonary varix, Chaise LS; Soulen RL; Teplick S; et al, (Radiology), 151: 554, 1984

detection of pulmonary venous flow by pulsed Doppler echocardiography in children, Pickoff AS; Bennett V; Soler P; et al, (Radiology), 150: 858, 1984

(Radiology), 190: 898, 1989 prognostic value of left ventricular size measured by echocardiography in infants with total anomalous pulmonary venous drainage, Lima CO; Valdes-Cruz LM; Allen HD; et al, (Radiology), 150: 858, 1984 pulmonary circulation: radiology of adaptation, Grainger RG, (Radiology), 156: 561, 1985

Pulmonary veins, abnormalities

anomalous intrapulmonal vein drainage and pulmonary vein connection in DSA, Arlart IP; Bargon G; Sigel H, (Eur J Radiol),

Moes CAF; Freedom RM; Burrows PE, (Semin Roentgenol), 20: 134, 1985

anomalous pulmonary venous drainage of the left upper lobe shown by CT scans, Pennes DR; Ellis JH, (Radiology), 159: 23, 1986

congenital heart disease: gated MR imaging in 72 patients, Didier D; Higgins CB; Fisher MR; Osaki L; Silverman NH; Cheitlin MD, (Radiology), 158: 227, 1986

congenital heart disease: gated MR imaging in 72 patients, Julsrud PR, (Radiology), 161: 277, 1986

congenital heart disease: gated MR imaging in 72 patients: reply, Didier D, (Radiology), 161: 278, 1986

cross-sectional imaging of silent pulmonary venous anomalies, Greene R; Miller SW, (Radiology), **159**: 279, 1986

inapparent pulmonary vascular disease in an ex-heroin user, Incalzi RA; Maini CL; Bonetti MG; et al, (Clin Nucl Med), 11: 266,

magnetic resonance imaging of rerouted pulmonary blood flow, Soulen RL; Donner RM, (Radiol Clin North Am), 23:

partial anomalous pulmonary venous drainage of the right lower lobe shown by CT scans, Schatz SL, Ryvicker MJ, Deutsch AM; Cohen HR, (Radiology), 159: 21, 1986

scimitar syndrome: CT findings in partial anomalous pulmonary venous return, Olson MA; Becker GJ, (Radiology), **159**: 25,

scimitar syndrome: four new cases examined with CT, Godwin JD; Tarver RD, (Radiology), **159**: 15, 1986

Pulmonary veins, CT

anomalous pulmonary venous drainage of the left upper lobe shown by CT scans, Pennes DR; Ellis JH, (Radiology), **159**: 23,

partial anomalous pulmonary venous drainage of the right lower lobe shown by CT scans, Schatz SL; Ryvicker MJ; Deutsch AM; Cohen HR, (Radiology), 159: 21, 1986

scimitar syndrome: CT findings in partial anomalous pulmonary venous return, Olson MA; Becker GJ, (Radiology), 159: 25,

segmental bronchovascular anatomy of the lower lobes: CT analysis, Jardin M; Remy J, (AJR), 147: 457, 1986

## Pulmonary veins, MR studies

cardiosynchronous MRI intensity changes of the great vessels and pulmonary circulation. preliminary report, Lallemand D; Wesbey CE; Gooding CA; et al, (Radiology), 158: 286, 1986

magnetic resonance imaging of rerouted pulmonary blood flow, Soulen RL; Donner RM, (Radiol Clin North Am), 23:

### Pulmonary veins, obstruction

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### Pulmonary veins, stenosis

congenital pulmonary vein stenosis: radiographic study, Adey CK; Soto B: Shin MS, (Radiology), **161**: 113, 1986

Stenosis of individual pulmonary veins: radiologic findings, Belcourt CL; Roy DL; Nanton MA; Finley JP; Gillis DA; Krause VW; Aterman K, (Radiology), 161:

wedge and subselective pulmonary angiography in pulmonary hypertension secondary to venous obstruction, Bowen JS; Bookstein JJ; Johnson AD; Peterson KL; Moser KM, (Radiology), 155: 599, 1985

accessory spleen compromising response to splenectomy for idiopathic thrombocytopenic purpura, Ambriz R; Munoz R; Quintanar E; Sigler L; Aviles A; Pizzuto J, (Radiology), 155: 793, 1985

### Pyelography See Urography

**Pyelonephritis** See Nephritis

# Pylorus

clinical significance and natural history of the double pylorus, Einhorn RI; Grace ND Banks PA, (Radiology), 153: 560, 1984

### Pylorus, stenosis

esophageal atresia and hypertrophic pyloric stenosis: sequential coexistence of disease (case report), Magilner AD, (AJR), 147: 329,

hypertrophic pyloric stenosis: diagnosis using US, Haller JO; Cohen HL, (Radiology), using US, Hal 161: 335, 1986

improved ultrasound diagnosis of hypertrophic pyloric stenosis, Stunden RJ; LeQuesne GW; Little KET, (Pediatr Radiol), 16: 200, 1986

radiographic findings after incomplete pyloromyotomy, Jamroz GA; Blocker SH; McAlister WH, (Gastrointest Radiol), 11:

reliable sonographic diagnosis of hypertrophic pyloric stenosis, Wilson DA; Vanhoutte JJ, (Radiology), **154**: 275, 1985

sonographic diagnosis of adult hypertrophic pyloric stenosis, Jackson VP; Holden RW; Doering PR; et al, (J Ultrasound Med), 4: 505, 1985

sonographic diagnosis of infantile hypertrophic pyloric stenosis: critical appraisal of reliability and diagnostic criteria, Yip WCL; Tay JSH; Wong HB, (Radiology), 159: 570, 1986

ultrasound: the definitive imaging modality in pyloric stenosis, Hayden CK Jr; Swischuk LE; Lobe TE; Schwartz MZ; Boulden TF, (Radiographics), 4: 517, 1984

### Pylorus, US studies

hypertrophic pyloric stenosis: diagnosis using US, Haller JO; Cohen HL, (Radiology), 161: 335, 1986

improved ultrasound diagnosis of hypertrophic pyloric stenosis, Stunden RJ; LeQuesne GW; Little KET, (Pediatr Radiol),

pylorus in infancy: overall sonographic assessment, Graif M; Itzchak Y; Avigad I; et al, (Radiology), **152**: 850, 1984

sonographic diagnosis of adult hypertrophic pyloric stenosis, Jackson VP; Holden RW; Doering PR; et al, (J Ultrasound Med), 4: 505, 1985

ultrasound: the definitive imaging modality in pyloric stenosis, Hayden CK Jr; Swischuk LE; Lobe TE; Schwartz MZ; Boulden TF, (Radiographics), 4: 517, 1984

### Pyonephrosis

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## O

Q fever See Bacteria

Quadriplegia See Paralysis

Quality assurance See also Diagnostic radiology, quality assurance

anthropomorphic radiologic phantoms, Yaffe MJ; Johns PC; Nishikawa RM; Mawdsley GE; Caldwell CB, (Radiology), 158: 550, 1986

158: 550, 1986
chest radiography: survey of techniques and exposure levels currently used, Butler PF; Conway BJ; Suleiman OH; Koustenis GH; Showalter CK, (Radiology), 156: 533, 1985
CT collimator damage: detection by testing scan bean and laser-light alignment, McCullough MJ, (Radiology), 155: 532, 1985 investigating the efficacy of current quality assurance performance tests in diagnostic ultrasound, Donofrio NM Jr; Hansen JA; Hirsh HF, et al. (Radiology), 154: 861, 1985

ultrasound, Donofrio NM Jr; Hansen JA; Hirsh JH; et al, (Radiology), 134: 861, 1985 quality assurance of radiation dosage: usefulness of redundancy, Rozenfeld M; Jette D, (Radiology), 156: 241, 1984 test pattern for video displays and hard-copy cameras, Gray JE; Lisk KG; Haddick DH; Harshbarger JH; Oosterhof A; Schwenker R, (Radiology), 154: 519, 1985

## R

## Radiations

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### Radiations, effects

See Radiations, injurious effects Radiations, exposure to patients and personnel

10-day recommendation, Pochin EE, (Clin Radiol), 37: 105, 1986

Radiol), 37: 105, 1960 accidental Cs-137 contamination, Nishiyama H; Saenger EI; Grossman LW; Lukes SJ, (Radiology), 154: 513, 1985 ALARA and an integrated approach to radiation protection, Hendee WR; Edwards FM, (Semin Nucl Med), 16: 142,

assessment of priorities when introducing some radiation protection methods in radiodiagnosis, Russell JGB, (Br J Radiol), 59: 153, 1986

chest radiography: survey of techniques and exposure levels currently used, Butler PF; Conway BJ; Suleiman OH; Koustenis GH; Showalter CK, (Radiology), **156**: 533, 1985

computerized x-ray dose-monitoring system, Hummel RH; Wesenberg RL; Amundson GM, (Radiology), 156: 231, 1985 defects in new protective aprons, Glaze S; LeBlanc AD; Bushong SC, (Radiology), **152**: 217, 1984

doses to head and arms of radiologists during fluoroscopy, Law J, (Radiology), 157: 568,

doses to patients from routine diagnostic x-ray examinations in England, Shrimpton PC; Wall BF, Jones DG; et al, (Br J Radiol), 59: 749, 1986

fast neutron therapy at Edinburgh: staff protection, Bonnett DE, (Radiology), **152**: 872, 1984

flexible shield to protect personnel during interventional procedures, Miller DL; Vucich JJ; Cope C, (Radiology), 155: 825,

fluoroscopy in children: low-exposure technology, Wesenberg RI; Amundson GM, (Radiology), 153: 243, 1984 guidelines for radiation protection, Murphy PH, (Semin Nucl Med), 16: 131, 1986

low-attenuation materials and rare-earth screens in radiodiagnosis, (Br J Radiol), (Br J Radiol), **59:** 745, 1986 management of individuals accidentally

exposed to radiation or radioactive materials, Hendee WR, (Semin Nucl Med), 16: 203, 1986

maternity lead apron, Witrak BJ; Sprawls P, (Radiology), 150: 597, 1984

national CT use and radiation exposure: United States 1983, Evens RG; Mettler FA Jr, (AJR), 144: 1077, 1985

occupational exposure in medicine. a review of radiation doses to hospital staff in North-West England, Hughes JS; Roberts GC; Stephenson SK, (Radiology), 153: 862, 1984

patient absorbed doses in digital grey-scale fluorography, Cowen AR; Taylor C, (Br J Radiol), 59: 689, 1986

pediatric patient exposures from CT examinations: GE CT/T 9800 scanner, Fearon T; Vucich JJ, (AJR), **144**: 805, 1985

perception of radiation hazards, Sorenson JA, (Semin Nucl Med), 16: 158, 1986 personnel radiation exposure analysis in a

radiotherapy center: fourteen year retrospective study, Leung PMK, (Radiology), 153: 863, 1984

potential radiation hazards to personnel during dynamic CT, Kaczmarek RG; Bednarek DR; Wong R; Kaczmarek RV; Rudin S; Alker G, (Radiology), 161: 853, 1986

radiation dose implications of digital angiographic systems, Hynes DM; Gershater R; Edmonds EW; et al, (AJR), 143: 307, 1984

radiation dose reduction in the evaluation of scoliosis: application of digital radiography, Kushner DC; Cleveland RH; Herman TE; Zaleske DJ; Ehrlich MG; Correia JA, (Radiology), 161: 175, 1986

radiation doses and somatic risk to patients during cardiac radiological procedures, Faulkner K; Love HG; Sweeney JK; et al, (Br J Radiol), 59: 359, 1986

radiation dose to personnel during percutaneous renal calculus removal, Bush WH; Jones D; Brannen GE, (AJR), **145**: 1261, 1985

radiation exposure and estimate of late effects of chest roentgen examination in children, Gustafsson M; Mortensson W, (Radiology), 152: 849, 1984

radiation exposure due to scatter in neonatal radiographic procedures, Sabau MN; Radkowski MA; Vyborny CJ, (AJR), 144: 811,

radiation exposure from conventional and digital subtraction angiography of cerebral vessels, Plunkett MB; Gray JE; Kispert DB, (AJNR), 7: 665, 1986

radiation hazards in a paediatric intensive care unit, Werner A; Isdale JM, (Pediatr Radiol), 16: 275, 1986

rad tion leakage from linac electron applicator assembly, Keys RA; Purdy JA, (Radiology), 155: 288, 1985

radiation protection device for use during percutaneous transhepatic examinations, Miotto D; Feltrin G; Calamosca M, (Radiology), **151**: 799, 1984

radioactive patient, St. Germain J, (Semin Nucl Med), 16: 179, 1986

review of radiation accidents involving whole body exposure and the relevance to the LD<sub>50/80</sub> for man, Baverstock KF; Ash PJND, (Radiology), **152**: 567, 1984

rise and fall of the ten-day rule, Russell JGB, (Br J Radiol), 59: 3, 1986

risk of diagnostic radiation of the newborn, Fletcher EWL; Baum JD; Draper G, (Br J Radiol), **59:** 165, 1986

statement from the 1985 Paris meeting of the International Commission on Radiological Protection, (Radiology), (Radiology), 156:

surface shield: device to reduce personnel radiation exposure, Young AT; Morin RL; Hunter DW; Nelson KL; Cardella JF; Castaneda-Zuniga WR; Amplatz K, (Radiology), 159: 801, 1986

thyroid radiation absorbed dose from uyroid radiation absorbed dose from diagnostic procedures in U.S. population, Rosenberg RD; Mettler FA Jr; Moseley RD Jr; Parker T; Williams AG; Christie JH; Kelsey CA, (Radiology), 156:

use of carbon fibre material in table tops, cassette fronts and grid covers: magnitude of possible dose reduction, Hufton AP; Russell JGB, (Br J Radiol), **59**: 157, 1986

use of medical radiographs: extent of variation and associated active bone marrow doses, McNeil BJ; Tihansky DP; Wennberg JE, (Radiology), 156: 51, 1985

## Radiations, injurious effects, complications of therapeutic radiology

### Radiations, injurious effects

ALARA and an integrated approach to radiation protection, Hendee WR; Edwards FM, (Semin Nucl Med), 16: 142, 1986

breast-mik radioactivity after a Tc-99m DTPA aerosol/Tc-99m MAA lung study, Mountford PJ; Hall FM; Wells CP; et al, (Radiology), 157: 288, 1985

clinical study of the radioprotective effects on Amifostine (YM-08310, WR-2721) on chronic Aminosinie (1M-0630), WK-27) of tradiation injury, Takahashi I; Nagai T; Miyaishi K; et al, (Int J Radiat Oncol Biol Phys), **12**: 935, 1986

disposal of low-level radioactive wastes, Hendee WR, (Semin Nucl Med), 16: 184, 1986

dose-response models and methods of risk prediction and causation estimation, Edwards FM, (Semin Nucl Med), 16: 118, 1986

effects of nutritional state on the expression of radiation injury in two tumor subpopulations obtained from a heterogeneous human colon carcinoma, Arundel CM; Leith JT, (Int J Radiat Oncol Biol Phys), 12: 59, 1986

guidelines for radiation protection, Murphy PH, (Semin Nucl Med), 16: 131, 1986

health effects of low-level radiation, Hendee WR, ed, Reviewed by Griffiths HJ, (Radiology), 153: 826, 1984

health effects of low level radiation: carcinogenesis, teratogenesis, and mutagenesis, Ritenour ER, (Semin Nucl Med) 16: 106, 1986

immunological effects of radiation from solarium lamps and the sun, Hersey P, (Radiology), 151: 565, 1984

institutional storage and disposal of radioactive materials, St. Germain J, (Semin Nucl Med), 16: 187, 1986

licensing criteria for nuclear medicine, Westerman BR, (Semin Nucl Med), 16: 171,

limitation and assessment in radiation protection, Rossi HH, (AJR), 144: 1, 1985

protection, Rossi HH, (AJR), 144: 1, 1985 management of individuals accidentally exposed to radiation or radioactive materials, Hendee WR, (Semin Nucl Med), 16: 203, 1986 medical radiation biology. 2d ed., Pizzarello DJ; Witcofski RL, Reviewed by Brown JM, (Radiology), 152: 820, 1984 nuclear medicine and the environment: redistion interactions Schmolter RE (Semin

radiation interactions, Schmelter RF, (Semin Nucl Med), 16: 87, 1986

perception of radiation hazards, Sorenson JA, (Semin Nucl Med), 16: 158, 1986

prenatal x-ray exposure and childhood cancer in twins, Harvey EB; Boice JD Jr; Honeyman M; et al, (Radiology), 156: 860, 1985

probability of causation tables and their possible implications for the practice of diagnostic radiology, Gur D; Wald N, (Radiology), 158: 853, 1986

radiation risk from mammography: is it clinically significant?, Feig SA, (AJR), 143: 469, 1984

radiation risks in medical imaging, Whalen JP; Balter S, Reviewed by Carrier R, (Radiology), 153: 838, 1984

radiation safety: introduction, laboratory tecniques, and emergency procedures, Indiana University Audiovisual Center, Reviewed by Lieto RP, (Radiology), 151: 542, 1984
RBE for mouse bladders after irradiation with 1 to 8 fractions of d(4) + Be neutrons,
Stewart F; Randhawa V; Maughan R, (Br J
Radiol) 96: 61: 1986.

Radiol), 59: 61, 1986

reactor accident at Chernobyl: nuclear reactor accident at Unernous; nuclear medicine practitioner's perspective, Kereiakes JG; Saenger EL; Thomas SR, (Semin Nucl Med.), 16: 224, 1986 statement from the 1984 Stockholm meeting of the International Commission on Radiological Protection, Sowby FD,

(Radiology), 154: 216, 1985

transportation issues in nuclear medicine and the release of radioactivity into the environment, Westerman BR, (Semin Nucl Med), 16: 191, 1986

use of iodine as a thyroidal blocking agent in the event of a reactor accident. report of the Environmental Hazards Committee of the American Thyroid Association, Becker DV; Braverman LE; Dunn JT; et al, (Radiology), 155: 286, 1985

Radiations, injurious effects, as a result of nuclear bombing

nuctear bostoling mortality and cancer frequency among military nuclear test (smoky) participants, 1957 through 1979, Caldwell GG; Kelley DB; Zack M; et al, (Radiology), 151: 565, 1984

Radiations, injurious effects, complications of therapeutic radiology

acute toxicity and preliminary therapeutic results of pelvic lymphadenectomy combined with transperineal interstitial implantation of 192 IR and external beam radiotherapy for locally advanced prostate cancer, Brindle JS; Benson RC JT; Martinez A; et al, (Radiology), 156: 864, 1985

assessment of acute radiation-induced pulmonary changes using computed tomography, Mah K; Poon PY; Van Dyk J; et al, (JCAT), 10: 736, 1986

axillary-subclavian vein thrombosis following combination chemotherapy and radiation therapy in lymphoma, Schreiber DP; Kapp DS, (Int J Radiat Oncol Biol Phys), 12:

backscattering from dental restorations and asplint materials during therapeutic radiation, Farman AG; Sharma S; George DI; Wilson D; Dodd D; Figa R; Haskell B, (Radiology), 156: 523, 1985

brain radiation lesions: MR imaging, Dooms GC; Hecht S; Brant-Zawadzki M; Berthiaume Y; Norman D; Newton TH, (Podiatory) 159, 140, 169 (Radiology), 158: 149, 1986

calcified ascending aorta after radiation therapy, Coblentz C; Martin L; Tuttle R, (AJR), 147: 477, 1986

cardiac disease after radiation therapy for Hodgkin's disease: analysis of 48 patients, Applefeld MM; Wiernik PH, (Radiology), 151: 565, 1984

case report: partial relapse of Bell's palsy following superficial radiotherapy to a basal cell carcinoma in the temple, Brincat 5; Mantell BS, (Clin Radiol), 37: 411, 1986

cerebral radiation necrosis following treatment of extracranial malignancies, Glass JP; Hwang T-L; Leavens ME; et al, (Radiology), 156: 276, 1985

(Radiology), 106: 276, 1763 complications associated with preoperative radiation therapy and iodine-125 brachytherapy for localized prostatic carcinoma, Flanigan RC; Patterson J; Mendiondo OA; et al, (Radiology), 151: 838,

complications of extended-field therapy for cervical carcinoma without prior surgery, Jolles CJ; Freedman RS; Hamberger AD; et al, (Int J Radiat Oncol Biol Phys), 12: 179, 1986

computed tomography of acute radiation nephritis, Moore L; Curry NS; Jenrette JM III, (Urol Radiol), 8: 89, 1986

contrast medium accumulation and washout in canine brain tumors and irradiated normal brain: a CT study of kinetics, Fike JR; Cann CE, (Radiology), **151**: 115, 1984

CT demonstration of tethering of the lung by the pulmonary ligament, Friedman PJ, (JCAT), 9: 947, 1985

cumulative radiation damage and cumulative radiation effect, Vayrynen T, (Radiology), 152: 272, 1984

delayed effect of radiation therapy with or without chemotherapy on ovarian function in women with Hodgkin's disease, Fisher B; Cheung AYC, (Radiology), 155: 559, 1985

dose dependence of complication rates in cervix cancer radiotherapy, Orton CG; Wolf-Rosenblum S, (Int J Radiat Oncol Biol Phys), 12: 37, 1986

effects of external radiation therapy for cancer of the prostate on the serum concentrations of testosterone, follicle-stimulating hormone, luteinizing hormone and prolactin, Tomic R; Bergman B; Damber J-E; et al, (Radiology), 151: 838, 1984

effects of permanent I-125 interstitial implantation on cortical bone, Mandell L; Nori D; Anderson L; et al, (Radiology), **157**:

electrocardiographic changes after radiation therapy for carcinoma of the breast incidence and functional significance, Lindahl J; Strender L-E; Larsson L-E; et al, (Radiology), 154: 286, 1985

esophageal fistula associated with intracavitary irradiation for esophageal carcinoma, Hishikawa Y; Tanaka S; Miura T, (Radiology), **159**: 549, 1986

esophageal stricture following high-dose-rate intracavitary irradiation for esophageal cancer, Hishikawa Y; Kamikonya N; Tanaka S; Miura T, (Radiology), **159**: 715,

esophageal ulceration induced by intracavitary irradiation for esophageal carcinoma, Hishikawa Y; Tanaka S; Miura T, (AJR), 143: 269, 1984

failure of lactose-restricted diets to prevent radiation-induced diarrhea in patients undergoing whole pelvis irradiation, Stryker JA; Bartholomew M, (Int J Radiat Oncol Biol Phys), 12:789, 1986

hepatic mass: functioning metastatic thymoma 22 years after radiation therapy, Grimmond AP; Spencer RP, (Clin Nucl Med), 11: 570, 1986

human cancer natural history, radiation induced immunodepression and post-operative radiation therapy, Tubiana M; Arriagada R; Sarrazin D, (Int J Radiat Oncol Biol Phys), 12: 477, 1986

hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck, Samaan NA; Vieto R; Schultz PN; et al. (Radiology), 150: 294, 1984

incidence and management of osteoradionecrosis of the jaws following head and neck radiotherapy, Coffin F, (Radiology), 152: 566, 1984

increased mortality by septicemia, interstitial pneumonitis and pulmonary fibrosis among bone marrow transplant recipients receiving an increased mean dose rate of total irradiation, Ringden O; Bayrd I;

Johansson B; et al., (Radiology), 154: 286, 1985

influence of adjuvant irradiation on shoulder joint function after mastectomy for breast carcinoma, Ryttov N; Blichert-Toft M; Madsen EL; et al, (Radiology), 151: 280, 1984

initial evaluation of nabilone in the control of radiotherapy-induced nausea and vomiting, Priestman TJ; Priestman SG, (Radiology), 154: 863, 1985

insufficiency fractures of the sacrum, Cooper KL; Beabout JW; Swee RG, (Radiology), **156**: 15, 1985

intestinal damage and malabsorption after treatment for cervical carcinoma, Lantz B; Einhorn N, (Radiology), 155: 558, 1985

late effects of adjuvant radiotherapy for breast cancer, Ferguson DJ; Sutton HG; Dawson DJ, (Radiology), **156**: 287, 1985

magnetic resonance imaging of radiation injury to the brain, Curnes JT; Laster DW; Ball MR; et al, (AJNR), 7: 389, 1986

major salivary gland carcinoma. descriptive epidemiology and survival of 498 patients, Spitz MR; Batsakis JG, (Radiology), 153: 571, 1984

mechanisms of DNA repair and their potential modification for radiotherapy, Ward JF, (Int J Radiat Oncol Biol Phys), 12: 1027, 1986

mediastinal hematoma simulating recurrent Hodgkin disease during systemic chemotherapy, Bethancourt B; Pond GD; Jones SE; et al, (AJR), 142: 1119, 1984

medulloblastoma in infants and children: computed tomographic follow-up after treatment, Lee Y-Y; Glass JP; van Eys J; Wallace S, (Radiology), **154**: 677, 1985

mucosal bridges of the upper esophagus after radiotherapy for Hodgkin's disease, Papazian A; Capron J-P; Ducroix J-P; et al, (Radiology), **150**: 871, 1984

multiple fusiform intracranial aneurysms following curative radiation therapy for suprasellar germinoma. case report, Azzarelli R; Moore J; Gilmor R; et al, (Radiology), 157: 571, 1985

neurologic dysfunction in patients treated for small cell carcinoma of the lung: clinical and radiological study, Chak LY; Zatz LM; Wasserstein P; et al. (Int J Radiat Oncol Biol Phys), 12: 385, 1986

neurotoxicity in long-term survivors of small cell lung cancer, Lee JS; Umsawasdi T; Lee Y-Y; et al, (Int J Radiat Oncol Biol Phys), 12:

oral side effects of head and neck irradiation: correlation between clinical manifestations and laboratory data, Kuten A; Ben-Aryeh H; Berdicevsky I; et al, (Int J Radiat Oncol Biol Phys), 12: 401, 1986

orbital leiomyosarcoma after radiation therapy for bilateral retinoblastoma, Folberg R; Cleasby G; Flanagan JA; et al, (Radiology), 152: 566, 1984

pathogenesis of the late side-effects of radiotherapy, Michalowski A, (Clin Radiol), 37: 203, 1986

## Radiations, injurious effects, complications of therapeutic radiology

pelvic complications after definitive treatment of prostate cancer by interstitial or external beam radiation, Schellhammer PF; El-Mahdi AM, (Radiology), 151: 280, 1984

pions and pig skin: preclinical evaluation of RBE for early and late damage, Douglas BG, Grulkey WR; Chaplin DJ; et al, (Int J Radiat Oncol Biol Phys), 12: 221, 1986

postradiation malignant fibrous histiocytoma of bone: clinicopathologic study of 20 patients, Huvos AG; Woodard HQ; Heilweil M, (Radiology), **161:** 284, 1986

postradiation osteogenic sarcoma of bone and soft tissues. a clinicopathologic study of 66 patients, Huvos AG; Woodard HQ; Cahan WG; et al, (Radiology), 156: 572, 1985

predictive biochemical assays for late radiation effects, Rubin P; Finkelstein JN; Siemann DW; et al, (Int J Radiat Oncol Biol Phys), 12: 469, 1986

predictive value of skin telangiectasia for late radiation effects in different normal tissues, Turesson I; Notter G, (Int J Radiat Oncol Biol Phys), 12: 603, 1986

protection of acute and late radiation damage of the gastrointestinal tract by WR-2721 Ito H; Meistrich ML; Barkley HT Jr; et al (Int J Radiat Oncol Biol Phys), 12: 211, 1986

radiation fibrosis: differentiation from recurrent tumor by MR imaging: work in progress, Glazer H5; Lee JKT; Levitt RG; Heiken JP; Ling D; Totty WG; Balfe DM; Emani B; Wasserman TH; Murphy WA, (Radiology), 156: 721, 1985

radiation-induced cystitis following intracavitary irradiation for superficial bladder cancer, Maatman TJ; Novick AC; Montague DK; et al, (Radiology), 151: 838,1984

radiation induced failures of complementary metal oxide semiconductor containing pacemakers: potentially lethal complication, Lewin AA; Serago CF; Schwade JG; et al, (Radiology), 156: 573, 1985

radiation injury to the axillary artery presenting as distal thromboembolism, Bressler EL; Vogelzang RL; Atlas SW; et al, (AJR), 143: 1079, 1984

radiation therapy in carcinoma of the prostate: contributing cause of urinary incontinence, Kaufman JJ; Smith RB; Raz S, (Radiology), 156: 287, 1985

radiological features of chronic radiation enteritis, Mendelson RL; Nolan DJ, (Radiology), **156**: 572, 1985

regional lung function impairment following post-operative radiotherapy for breast cancer using direct or tangential field techniques, Groth 5, Zaric A; Sorenson PB; et al., (Br J Radiol), 59: 445, 1986

renal damage in mice after treatment with cisplatinum alone or in combination with x-irradiation, Stewart F; Bohlken S; Begg A; et al, (Int J Radiat Oncol Biol Phys), 12: 927, 1986

sarcoma of bone following therapeutic irradiation for breast carcinoma, Doherty MA; Rodger A; Langlands AO, (Int J Radiat Oncol Biol Phys), 12: 103, 1986

transient hypothyroidism following radioiodine therapy for thyrotoxicosis, Connell JMC; Hilditch TE; McCruden DC; et al, (Radiology), 150: 304, 1984

vitamin B12 deficiency after irradiation for bladder carcinoma, Kinn A-C; Lantz B, (Radiology), **154**: 573, 1985

von Willebrand factor levels do not predict or diagnose radiation pneumonitis, Fajardo LF; Donaldson SS; Kelly NI, (Int J Radiat Oncol Biol Phys), 12: 107, 1986

## Radiations, injurious effects, gastrointestinal

failure of lactose-restricted diets to prevent radiation-induced diarrhea in patients undergoing whole pelvis irradiation, Stryker JA; Bartholomew M, (Int J Radiat Oncol Biol Phys), 12: 789, 1986

protection of acute and late radiation damage of the gastrointestinal tract by WR-2721, Ito H; Meistrich ML; Barkley HT Jr; et al, (Int J Radiat Oncol Biol Phys), 12: 211, 1986

thermal enhancement of radiation damage in previously irradiated mouse intestine, Hume SP; Marigold JCL, (Br J Radiol), 59: 53, 1986

Radiations, injurious effects, genetic, gonadal

health effects of low level radiation carcinogenesis, teratogenesis, and mutagenesis, Ritenour ER, (Semin Nucl Med), 16: 106, 1986

Radiations, injurious effects, leukemic

use of medical radiographs: extent of variation and associated active bone marrow doses, McNeil BJ; Tihansky DP; Wennberg JE, (Radiology), 156: 51, 1985

Radiations, injurious effects, neoplastic

health effects of low level radiation carcinogenesis, teratogenesis, and mutagenesis, Ritenour ER, (Semin Nucl Med), 16: 106, 1986

legacy of thorotrast, Robertson A, (Radiology), 152: 271, 1984

radiation-induced sarcomas of the chest wall, Souba WW; McKenna RJ Jr; Meis J; et al, (Radiology), **160**: 857, 1986

### Radiations, measurement

average fetal depth in utero: data for estimation of fetal absorbed radiation dose, Ragozzino MW; Breckle R; Hill LM; Gray JE, (Radiology), **158**: 513, 1986

calculation of dose distributions for iridium-192 implants, Welsh AD; Dixon-Brown A; Stedeford JBH, (Radiology), **152**: 271, 1984

chest radiography: survey of techniques and exposure levels currently used, Butler PF; Conway BJ; Suleiman OH; Koustenis GH; Showalter CK, (Radiology), 156: 533, 1985

dose-response models and methods of risk prediction and causation estimation, Edwards FM, (Semin Nucl Med), 16: 118, 1986

half-value-layer increase owing to tungsten buildup in the x-ray tube: fact or fiction, Stears JG; Felmlee JP; Gray JE, (Radiology), 160: 837, 1986

low-level internal radionuclide contamination: use of gamma camera for detection, Nishiyama H; Lukes SJ; Saenger EL, (Radiology), 150: 235, 1984

quality assurance of radiation dosage: usefulness of redundancy, Rozenfeld M; Jette D, (Radiology), **150**: 241, 1984

review of radiation accidents involving whole body exposure and the relevance to the LD<sub>50/60</sub> for man, Baverstock KF; Ash PJND, (Radiology), **152**: 567, 1984

# Radiations, protective and therapeutic agents and devices

ALARA and an integrated approach to radiation protection, Hendee WR; Edwards FM, (Semin Nucl Med), 16: 142, 1986

anterior eye protection with orbital neoplasia, Hancock SL, (Int J Radiat Oncol Biol Phys), 12: 123, 1986

assessment of priorities when introducing some radiation protection methods in radio-diagnosis, Russell JGB, (Br J Radiol), 59:153, 1986

clinical study of the radioprotective effects on Amifostine (YM-08310, WR-2721) on chronic radiation injury, Takahashi I; Nagai T; Miyaishi K; et al, (Int J Radiat Oncol Biol Phys), 12: 935, 1986

defects in new protective aprons, Glaze S; LeBlanc AD; Bushong SC, (Radiology), 152:

dose distribution under external eye shields for high energy electrons, Rustgi SN, (Int J Radiat Oncol Biol Phys), 12: 141, 1986

guidelines for radiation protection, Murphy PH, (Semin Nucl Med), 16: 131, 1986

medical radiation protection: a long view, Villforth JC, (AJR), 145: 1114, 1985

orbital tumor irradiation using non-coplanar beams, Harisiadis L; Schell MC; Working KR; Justice T; Wessels BW; Ling CC, (Radiology), 156: 823, 1985

protection against ionising radiation and synergism with thiols by zinc aspartate, Floersheim GL; Floersheim P, (Br J Radiol),

protection of mouse chromosomes against whole-body gamma irradiation by SH-compounds, Gupta R; Devi PU, (Br J Radiol), 59: 625, 1986

radiation protection programs in nuclear medicine, St. Germain J, (Semin Nucl Med), 16: 198, 1986

radiobiological equivalence condition for radiotherapy regimes incorporating protective shielding of vulnerable normal organs, O'Donoghue J; Wheldon TE, (Br J Radiol), 59: 709, 1986

surface shield: device to reduce personnel radiation exposure, Young AT; Morin RL; Hunter DW; Nelson KL; Cardella JF; Castaneda-Zuniga WR; Amplatz K (Radiology), 159: 801, 1986

(Nationary), 193; 601, 1936 use of carbon fibre material in table tops, cassette fronts and grid covers: magnitude of possible dose reduction, Hufton AP; Russell JGB, (Br J Radiol), 59; 157, 1986

kusseii Judb, (br. J. Radiol), 59; 157, 1986 use of iodine as a thyroidal blocking agent in the event of a reactor accident, report of the Environmental Hazards Committee of the American Thyroid Association, Becker DV; Braverman LE; Dunn JT; et al., (Radiology), 155; 286, 1985

### Radioaerosols

See Aerosols

Radiobiology

See also Neoplasms, experimental angiographic, hemodynamic, and histologic evaluation of portal hypertension and periportal fibrosis induced in the dog by retrograde biliary injections of sesame oil, Burgener FA; Gutierrez OH, (Invest Radiol), 21: 551, 1986

medical radiation biology. 2d ed., Pizzarello DJ; Witcofski RL, Reviewed by Brown JM, (Radiology), 152: 820, 1984 three-dimensional finite-difference

thermoregulatory model of a squirrel monkey, Spiegel RJ; Fatmi MBE, (Int J Radiat Oncol Biol Phys), 12: 983, 1986

Radiobiology, blood and hematopoietic studies adiobiology, blood and nematopoietic studies numerical calculations of the temperature distribution in realistic cross sections of the body, Iskander MF; Khoshdel-Milani O, (Radiology), 156: 573, 1985 response of white blood cells to iodipamide ethyl ester particles, Lauteala L; Kormano M; Violante MR, (Invest Radiol), 21: 562, 1986

Radiobiology, cell and tissue studies

Can ultrasound cause genetic damage?, Martin AO, (Radiology), 152: 567, 1984 cell proliferation and differentiation in the small intestine after irradiation with multiple fractions, Becciolini A; Cremonini D; Fabbrica D; et al, (Acta Radiol [Oncol]), 25: 51, 1986

effect of lactate on the recovery of CHO-KI cells from gamma radiation damage, Mothersill C; Seymour CB, (Acta Radiol [Oncol]), 25: 71, 1986

effects of diagnostic ultrasonography on the frequencies of sister chromatid exchanges in Chinese hamster cells and human lymphocytes, Wegner R-D; Meyenburg M, (Radiology), 150: 872, 1984

effects of diagnostic ultrasound on sister chromatid exchange frequencies: a review of the recent literature, Jacobson-Kram D, (Radiology), 152: 567, 1984

in vivo fate of At-211 labelled monoclonal antibody with known specificity in a murine system, Vaughan ATM; Bateman WJ; Fisher DR, (Radiology), 150: 304, 1984

molecular biology and the treatment of cancer, Sikora K, (Radiology), **156**: 573, 1985

provoked repetitive healing of mature bone tissue following irradiation: quantitative investigation, Jacobsson M; Kalebo P; Albrektsson T; et al. (Acta Radiol [Oncol]), 25: 57, 1986

sister chromatid exchanges and diagnostic ultrasound, Liebeskind D, (Radiology), **152**: 567, 1984

ultrasound does not affect human lymphocyte transformation in vitro, Katoh AK; Charoensiri S, (Radiology), **152**: 272, 1984

Radiobiology, cutaneous studies

investigation of changes in relative biological effectiveness (RBE) with depth for x ray beams generated between 100 and 250 kVp using the mouse foot as biological test system, Hering ER, (Int J Radiat Oncol Biol Phys), 12: 815, 1986

reversible injury after mild hyperthermia, Stone HB; Harding RP, (Int | Radiat Oncol Biol Phys), 12: 823, 1986

thermal enhancement of radiation damage in previously irradiated skin, Law MP; Ahier RG; Somaia S, (Radiology), 156: 863,

Radiobiology, genitourinary system studies partial prevention of tritium induced uterine involution in mice by 2-mercaptopropionylglycine, Mathur SP; Patni N; Popli MK; et al., (Acta Radiol [Oncol]), 25: 77, 1986

Radiobiology, lethality studies

analogues of RSU-1069: radiosensitization and toxicity in vitro and in vivo, Ahmed I; Jenkins TC; Walling JM; et al, (Int J Radiat Oncol Biol Phys), 12: 1079, 1986

comparison of tumor and normal tissue levels Imparison of tumor and normal tissue levels of acidic, basic and neutral 2-nitroimidazole radiosensitizers in mice, Minchinton AI; Stratford MRL, (Int J Radiat Oncol Biol Phys), 12: 1117, 1986

effect of the radiosensitizer misonidazole and the radioprotector diethyldithiocarbamate on spontaneous metastasis formation of murine tumors, Milas L; Hunter N; Basic I; et al. (Int J Radiat Oncol Biol Phys), 12, 1071, 1084 12: 1071, 1986

experimental pharmacokinetics of RSU-1069 and its analogues: high tumor/plasma ratios, Deacon JM; Holliday SB; Ahmed I; et al, (Int J Radiat Oncol Biol Phys), 12: 1087, 1986

hypoxia mediated binding of misonidazole in non-malignant tissue, Rasey JS; Hoffman JM; Spence AM; et al, (Int J Radiat Oncol Biol Phys), 12: 1255, 1986

oxygen concentration and the OER for acutely or chronically thiol deficient cells, Astor MB, (Int J Radiat Oncol Biol Phys), 12: 1131, 1986

radiosensitization in vitro and in vivo by 3-nitrotriazoles, Shibamoto Y; Sakano K; Kimura R; et al, (Int J Radiat Oncol Biol Phys), 12: 1063, 1986

radiosensitization of hypoxic cells at low doses, Skarsgard LD; Harrison I; Durand RE; et al, (Int J Radiat Oncol Biol Phys), 12: 1075, 1986

radiosensitizing and toxic effects of RSU-1069 on hypoxic cells in a murine tumor, Chaplin DJ; Durand RE; Stratford JJ; et al. (Int) Radiat Oncol Biol Phys), 12: 1091, 1986

sensitization by SR-2508 plus Ro 03-8799, Stone HB, Luu YH; Lam KN, (Int J Radiat Oncol Biol Phys), 12: 1097, 1986

specificity of endogenous glutathione in determining the oxygen enhancement of cellular radiosensitivity, Edgren MR; Solen G; Revesz L, (Int J Radiat Oncol Biol Phys), 12: 1147, 1986

studies on the mechanisms of the radiosensitizing and cytotoxic properties of RSU-1069 and its analogues, Walling JM; Stratford IJ; Adams GE; et al., (Int J Radiat Oncol Biol Phys), 12: 1083, 1986

toxic effects of extended glutathione depletion by buthionine sulfoximine on murine mammary carcinoma cells, Dethlefsen LA; Biaglow JE; Peck VM; et al, (Int J Radiat Oncol Biol Phys), 12: 1157, 1986

### Radiobiology, neoplastic studies

See Neoplasms, experimental

Radiobiology, time-dose studies

effects of irradiation by single or multiple fractions per day on a transplantable murine mammary carcinoma, Gonzalez DG; Haveman J, (Radiology), 151: 281, 1984

sensitizers and radiation dose fractionation: results and interpretations, Hill RP, (Int J Radiat Oncol Biol Phys), 12: 1049, 1986

tumor cure studies on the rat sarcoma BA1112 using continuous low-dose-rate radiation, Peschel RE; Martin DF; Fischer JJ, (Radiology), 152: 801, 1984

### Radiographs See Images

Radiography

See also Radiations; under procedures, such as Angiography; Fluoroscopy; Myelography,

clinical radiology. 4th ed., Simon G; Wightman AJA, Reviewed by Griffiths HJ, (Radiology), **151:** 300, 1984

clinician's guide to diagnostic imaging, Grossman ZD; Ellis DA; Brigham SC, Reviewed by Silverman SG, (Radiology), 152: 278, 1984

Critical problems in diagnostic radiology, Armstrong P, ed, Reviewed by VanZandt TF, (Radiology), 151: 328, 1984

introduction to clinical radiology, Miller WT, Reviewed by Novelline RA, (Radiology), 151: 300, 1984

modern imaging and endoscopic biopsy techniques in Egyptian mummies, Notman DNH; Tashjian J; Aufderheide AC; et al, (AJR), 146: 93, 1986

radiology today, Heuck FHW; Donner MW, ed, Reviewed by Thornbury JR, (Radiology), 153: 466, 1984

rational approach to radiodiagnostic investigations. no. 689 in the World Health Organization technical report series, World Health Organization, Reviewed by Griffiths HJ, (Radiology), 152: 44, 1984

understanding radiography. 2d ed., Hiss SS, Reviewed by Brown PA, (Radiology), 151: 328, 1984

utilization of diagnostic x-ray examinations, U.S. Department of Health & Human Services, Reviewed by Griffiths HJ, (Radiology), 152: 56, 1984

Radiography, absurdities

'author inflation" or "CV creep", Scheible WF; Resnick D; Brahame F; et al, (AJR), 144: 863, 1985

rating of speaker performance, Markivee CR, (AJR), 144: 864, 1985

simultaneous anthropomorphic projections, Reid MH; Dublin AB, (AJR), 144: 861, 1985

Radiography, comparative studies chest radiographs obtained with shaped filters: evaluation by observer performance tests, Kelsey CA; Lane RG; Moseley RD; Mettler FA Jr; Rosenberg RD; Williams AG; Garcia JF; Feldman BS; Boardman RE, (Radiology), 159: 653, 1986

gastric polyps: radiological evaluation and clinical significance, Feczko PJ; Halpert RD; Ackerman LV, (Radiology), 155: 581, 1985

simulated pulmonary nodules: detection with dual-energy digital versus conventional radiography, Niklason LT; Hickey NM; Chakraborty DP; Sabbagh EA; Yester MV; Fraser RG; Barnes GT, (Radiology), 160: 589,

Radiography, computer-assisted

clinical application of digital radiography: computed radiographic imaging, Merritt CRB: Tutton RH; Bell KA; Bluth EI; Kalmar JA; Matthews CC; Miller KD; Kogutt MS; Balter S, (Radiographics), 5: 397, 1985

gital beam attenuator technique for compensated chest radiography, Hasegawa BH; Naimuddin S; Dobbins JT III; Mistretta CA; Peppler WW; Hangiandreou NJ; Cusma JT; McDermott JC; Kudva BV; Melbye KM, (Radiology), 159: 537, 1986 digital beam attenuator technique for

one-shot dual-energy subtraction imaging, Ishigaki T; Sakuma S; Horikawa Y; Ikeda M; Yamaguchi H, (Radiology), **161**: 271, 1986

paracardiac pseudotumor: a kymographic artifact of computed radiography, Ehrlich CP; Goldberg RP, (AJR), 142: 919,

Radiography, digital

arterial blood-flow waveform measurement in intact animals: new digital radiographic technique, Swanson DK; Myerowitz PD; Hegge JO; Watson KM, (Radiology), 161: 323, 1986

beam attenuation devices for digital subtraction angiography, Kelly WM; Brant-Zawadzki M; Norman D; Gould R, (Radiology), 153: 817, 1984

calcification in pulmonary nodules: detection with dual-energy digital radiography, Fraser RC; Hickey NM; Niklason LT; Sabbagh EA; Luna RF; Alexander CB; Robinson CA; Katzenstein A-LA; Barnes GT, (Radiology), 160: 595, 1986

(nationsy), 100: 393, 190; clinical application of digital radiography: computed radiographic imaging, Merritt CRB; Tutton RH; Bell KA; Bluth EI; Kalmar JA; Matthews CC; Miller KD; Kogutt MS; Balter S, (Radiographics), 5: 397, 1985

compression of radiological images with 512, 1,024, and 2,048 matrices, Lo S-C; Huang HK, (Radiology), **161**: 519, 1986

computer graphics for digitally formatted images, Templeton AW; Johnson JA; Anderson WH; Cook LT; Dwyer SJ III; Preston DF; Lee KR; Rosenthal SJ; Batnitzky S; Levine E; Tarlton M, (Radiology), 151: 527, 1984

coronary artery steal: demonstration by digital coronary radiography, Bates ER; Vogel RA, (Radiology), 154: 61, 1985

detector for dual-energy digital radiography, Barnes GT; Sones RA; Tesic MM; Morgan DR; Sanders JN, (Radiology), 156: 537, 1985

digital and conventional chest images observer performance with film digital radiography system, Goodman LR; Foley WD; Wilson CR; Rimm AA; Lawson TL, (Radiology), 158: 27, 1986

digital and conventional chest imaging: modified ROC study of observer performance using simulated nodules, Chakraborty DP; Breatnach ES; Yester MV; Soto B; Barnes GT; Fraser RG, (Radiology), 158: 35, 1986

digital beam attenuator technique for compensated chest radiography, Hassegawa BH; Naimuddin S; Dobbins JT III; Mistretta CA; Peppler WW; Hangiandreou NJ; Cusma JT; McDermott JC; Kudva BV; Melbye KM. (Radiology), 159:

digital chest radiography: performance evaluation of a prototype unit, Barnes GT; Sones RA; Tesic MM, (Radiology), 154: 801,

digital film processing: applications to the musculoskeletal system, Sartoris DJ; Sommer FG, (Radiology), 154: 558, 1985

digital image processing: effect on detectability of simulated low-contrast radiographic patterns, Ishida M; Doi K; Loo L-N; Metz CE; Lehr JL, (Radiology), 150: 569,

digital imaging of the intracranial circulation using an aortic arch injection and carotid compression, Banna M; Mannen J, (J Canad Assoc Radiol), 37: 184, 1986

digital processing of film radiographs, Sommer FG; Smathers RL; Wheat RL; et al, (AJR), 144: 191, 1985

digital projection radiography of the chest, Kundel HL, (Radiology), 158: 274, 1986

digital radiographic imaging system with multiple-slit scanning x-ray beam: preliminary report, Doi K; Fujita H; Ohara K; Ono K; Matsui H; Giger ML; Chan H-P, (Radiology), 161: 513, 1986

digital radiography, Brody WR, Reviewed by Boxt LM, (Radiology), 153: 624, 1984

digital radiography of subtle pulmonary abnormalities: ROC study of the effect of pixel size on observer performance, MacMahon H; Vyborny CJ; Metz CE; Doi K; Sabeti V; Solomon SL, (Radiology), 158: 21,

digital radiography of the chest: clinical experience with a prototype unit, Fraser RG; Breatnach E; Barnes GT, (Radiographics), 5: 415, 1985

digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy, Archer CW; Turnipseed WD; Sackett JF; et al, (Radiology), 150: 292, 1984

digital subtraction angiography of the thoracic aorta, Grossman LB; Buonocore E; Modic MT; Meaney TF, (Radiology), 150: 323, 1984

digital subtraction arthrography, Newberg AH; Wetzner SM, (Radiology), 154: 238, 1985

digital tomosynthesis: technique modifications and clinical applications for neurovascular anatomy, Maravilla KR; Murry RC Jr; Diehl J; Suss RA; Allen L; Chang K; Crawford J; McCoy R, (Radiology), 152: 719,

dual-energy projection radiography using condenser x-ray generator and digital radiography apparatus, Nishitani H; Umezu Y; Ogawa K; Yuzuriha H; Tanaka H; Matsuura K, (Radiology), 161: 533, 1986

effect of varying high pass filter parameters on the detectability of isolated pulmonary nodules in digitized chest images, Foley WD; Wilson CR; San Dretto M, (Invest Radiol), 21: 305, 1986

hadiol), 21: 30, 1980 fast computer processing for tissue highlighting in computed tomographic cross-sectional imaging and digital scan projection radiography, Moore CJ; Eddleston B, (Br J Radiol), 59: 577, 1986

histogram-directed processing of digital chest images, McAdams HP; Johnson GA; Suddarth SA; et al, (Invest Radiol), 21: 253,

intraarterial digital subtraction imaging cost considerations, Norman D; Ulloa N; Brant-Zawadzki M; Gould RG, (Radiology), 156:

- left ventricular border recognition using a dynamic search algorithm, Pope DL; Parker DL; Clayton PD; Gustaison DE, (Radiology), 155: 513, 1985
- mammographic microcalcifications: detection with xerography, screen-film, and digitized film display, Smathers RL; Bush E; Drace J; Stevens M; Sommer FG; Brown BW Jr; Karras B, (Radiology), 159: 673, 1986
- method for increasing the resolution of scanned projection radiography and other digital x-ray systems, Checkley DR; Zhu XP; Hickey DS; et al, (Br J Radiol), 59: 365, 1986
- method of stereotaxic localization adopted for conventional and digital radiography, Bergstrom M; Greitz T; Ribbe T, (Neuroradiol), 28: 100, 1986
- noise analysis of a digital radiography system, Arnold BA; Scheibe PO, (AJR), **142**: 609, 1984
- one-shot dual-energy subtraction imaging, Ishigaki T; Sakuma S; Horikawa Y; Ikeda M; Yamaguchi H, (Radiology), **161**: 271, 1986
- on-line digital image management system, Templeton AW; Dwyer SJ III; Johnson Ja; Anderson WH; Hensley KS; Rosenthal SJ; Lee KR; Preston DF; Batnitzky S; Price HI, (Radiology), 152: 321, 1984
- patient absorbed doses in digital grey-scale fluorography, Cowen AR; Taylor C, (Br J Radiol), **59**: 689, 1986
- patient exposure requirements for high contrast resolution in digital radiographic systems, Rimkus D; Baily NA, (AJR), 142: 603, 1984
- percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, (Radiology), 150: 363, 1984
- percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, (Radiology), 150: 369, 1984
- pulmonary ventilation in children. digital subtraction study, Schmit P; Faure C; Sardet A; et al, (Radiology), **158**: 282, 1986
- radiation dose reduction during hysterosalpingography: application of scanning-beam digital radiography, Kushner DC; Yoder IC; Cleveland RH; Herman TE; Goodsitt MM, (Radiology), 161: 31, 1986
- radiation dose reduction in the evaluation of scoliosis: application of digital radiography, Kushner DC; Cleveland RH; Herman TE; Zaleske DJ; Ehrlich MG; Correia JA, (Radiology), **161**: 175, 1986
- radiological image compression: full-frame bit-allocation technique, Lo S-C; Huang HK, (Radiology), **155**: 811, 1985
- real-time digitally subtracted fluoroscopy for cervical myelography, Sherry RG; Anderson RE, (Radiology), **151**: 243, 1984
- review of optical storage technology for archiving digital medical images, Hindel R, (Radiology), 161: 257, 1986
- simulated pulmonary nodules: detection with dual-energy digital versus conventional radiography, Niklason LT; Hickey NM; Chakraborty DP; Sabbagh EA; Yester MV; Fraser RG; Barnes GT, (Radiology), 160: 589,
- single-slit digital radiography: some practical considerations, Tesic MM; Sones RA; Morgan DR, (AJR), 142: 697, 1984
- spatial resolution requirements for digital chest radiographs: ROC study of observer performance in selected cases, Lams PM; Cocklin ML, (Radiology), 158: 11, 1986
- stomach and duodenum: radiographic magnification using computed radiography (CR), Nakano Y; Togashi K; Nishimura K; Itoh K; Fujisawa I; Asato R; Adachi H; Itoh H; Torizuka K, (Radiology), 160: 383,
- test pattern for video displays and hard-copy cameras, Gray JE; Lisk KG; Haddick DH; Harshbarger JH; Oosterhof A; Schwenker R, (Radiology), **154**: 519, 1985
- videodensitometric quantitation of stenosis: in vitro and in vivo validation, Seibert JA; Link DP; Hines HH; Baltaxe HA, (Radiology), **157**: 807, 1985

- whole body intravenous digital subtraction angiography, Nitatori T; Hachiya J; Korenaga T; Furuya Y, (Radiology), **156**: 829,
- Radiography, in infants and children chloral hydrate as a sedative in children during imaging procedures, Koch RL, (Radiology), 153: 833, 1984
- coin ingestion: unusual appearance of the penny in a child, Fernbach SK; Tucker GF, (Radiology), **158**: 512, 1986
- comparison of AP supine vs PA upright methods of chest roentgenography in infants and young children, Gaisie G; Dominguez R; Young LW, (Radiology), 153: 568, 1984
- dose efficiency of screen-film systems used in pediatric radiography, Cohen G; Wagner LK; McDaniel DL; Robinson LH, (Radiology), 152: 187, 1984
- excretory urography with iohexol: evaluation in children, Magill HL; Clarke EA; Fitch SJ; Boulden TF; Ramirez R; Siegle RL; Somes GW, (Radiology), 161: 625, 1986
- Hodgkin disease and non-Hodgkin oagkin disease and non-riodgkin lymphomas in children: utilization of radiological modalities, Cohen MD; Siddiqui AR; Weetman RM; Provisor AJ; Coates T, (Radiology), 158: 499, 1986
- horizontal versus vertical, or lying down is better, Gyll C, (Radiology), 153: 568, 1984
- inadvertent ligation of the left pulmonary artery, Jaffe RB; Orsmond GS; Veasy LG, (Radiology), **161**: 355, 1986 introduction to radiology in clinical pediatrics, Haller JO; Slovis TL, Reviewed by Fernbach SK, (Radiology), 153: 394, 1984
- nonpulmonary abnormalities recognizable in pediatric chest radiographs, Dunbar JS, (Radiol Clin North Am), 22: 723, 1984
- normal left atrium: appearance in children on frontal chest radiographs, Rosario-Medina W; Strife JL; Dunbar JS, (Radiology), 161: 345, 1986
- pediatric chest, Felman AH, Reviewed by Cockington RA, (Radiology), 150: 700, 1984
- percutaneous studies of the upper urinary tract in children, with special emphasis on infants, Riedy MJ; Lebowitz RL, (Radiology), 160: 231, 1986
- plain abdominal radiographs in children with inflammatory bowel disease, Taylor GA; Nancarrow PA; Hernanz-Schulman M; et al, (Pediatr Radiol), 16: 206, 1986
- radiation exposure and estimate of late effects of chest roentgen examination in children, Gustafsson M; Mortensson W, (Radiology), 152: 849, 1984
- radiation exposure due to scatter in neonatal radiographic procedures, Sabau MN; Radkowski MA; Vyborny CJ, (AJR), **144**: 811,
- radiographic assessment of venous catheter position in children: value of the lateral view, Stark DD: Brasch RC; Gooding CA, (Radiology), 153: 274, 1984
- radiopediatrie. [pediatric radiology.] vol. 7 of ABC radiodiagnostic, Kalifa G; Lalande G; Bennet J, Reviewed by Oestreich AE, (Radiology), 152: 400, 1984
- risk of diagnostic radiation of the newborn, Fletcher EWL; Baum JD; Draper G, (Br J Radiol), 59: 165, 1986
- skull radiography in infants: potential hazards of the use of head clamps, Rosenblum J; Yousefzadeh DK; Ramilo JL, (Radiology),
- value of radiologic skeletal survey in assessment of abused children, Ellerstein NS; Norris KJ, (Radiology), **157**:
- x-ray diagnosis in neonates, Koteles GY, Reviewed by Wood BP, (Radiology), **153**: 400, 1984
- Radiography, intraoperative
  - intraoperative 3-dimensional radiography of the kidney: modified technique, Gil-Vernet JM; Culla A, (Radiology), **156**: 267,
- Radiography, postoperative
- colonic interposition: radiographic evaluation, Agha FP; Orringer MB, (AJR), 142: 703, 1984
- Radiography, stereoscopic
- stereoscopic DSA of the central nervous system, Takahashi M; Bussaka H; Miyawaki M, (Neuroradiol), **28**: 105, 1986

- stereoscopic technique in digital subtraction angiography, Takahashi M; Bussaka H; Miyawaki M; Higashida Y, (Radiology), 157: 546, 1982
- stereoscopy without instruments: training device, Yanai A; Segawa H; Nagata S; Asato H, (Radiology), 155: 826, 1985

## Radiography, technology

- See also Screens and films
- alternative method of intraocular foreign-body localization, Watson A; Hartley DE, (AJR), 142: 789, 1984
- backscatter from metal surfaces in diagnostic radiology, Kodera Y; Schmidt RA; Chan H-P; Doi K, (Radiology), 150: 231, 1984
- calcification in pulmonary nodules: detection with dual-energy digital radiography, Fraser RG, Hickey NM; Niklason LT; Sabbagh EA; Luna RF; Alexander CB; Robinson CA; Katzenstein A-LA; Barnes GT, (Radiology), 160: 595, 1986
- chest radiography: survey of techniques and exposure levels currently used, Butler PF; Conway BJ; Suleiman OH; Koustenis GH; Showalter CK, (Radiology), 156: 533, 1985
- clinical application of digital radiography: computed radiographic imaging, Merritt CRB; Tutton RH; Bell KA; Bluth EI; Kalmar JA; Matthews CC; Miller KD; Kogutt MS; Balter S, (Radiographics), 5: 397, 1985
- comparative evaluation of rare earth screen-film systems: free-response operating characteristic analysis and anatomic criteria analysis, Fearon T; Vucich J; McSweeney WJ; et al, (Invest Radiol), 21: 734, 1986
- comparative image quality of 105 mm and conventional spot films, Weaver KE; Trembley CA; Lewicki AM, (AJR), 142: 615,
- compensation filter for shoulder radiography, Vezina JA, (Radiology), 155: 823, 1985 cross-table lateral view in neonatal pneumothorax, Hoffer FA; Ablow RC, (AJR), 142: 1283, 1984
- detailed study of radiation dose and radiographic technique during chest radiography, Faulkner K; Gordon MDH; Miller J, (Br J Radiol), 59: 245, 1986
- development and assessment of an image intensifier for real-time X-ray microscop Davies RL; Flores NA; Evans KT, (Br J Radiol), 59: 273, 1986
- digital chest radiography: performance evaluation of a prototype unit, Barnes GT; Sones RA; Tesic MM, (Radiology), 154: 801,
- digital radiographic imaging system with multiple-slit scanning x-ray beam: preliminary report, Doi K; Fujita H; Ohara K; Ono K; Matsui H; Giger ML; Chan H-P, (Radiology), 161: 513, 1986
- digital radiography of the chest: clinical experience with a prototype unit, Fraser RG; Breatnach E; Barnes GT, (Radiographics), 5:
- dose efficiency of screen-film systems used in pediatric radiography, Cohen G; Wagner LK; McDaniel DL; Robinson LH, (Radiology), **152**: 187, 1984
- exposure equalization radiography of the chest: clinical comparison of slit and raster scanning techniques, Wandtke JC; Plewes DB, (AJR), 144: 1171, 1985
- film salvage using digital processing, Sartoris DJ; Sommer FG, (AJR), **142**: 1225, 1984
- flywheel energy storage for x-ray machines, Siedband MP; Showers DK, (Radiology), 154: 287, 1985
- foil filters for equalized chest radiography, Vyborny C; MacMahon H, (Radiology), **151**: 524, 1984
- gamma camera phantom support stand for safer and faster non-uniformity measurement procedures, Hall RC; Etchells AH, (Br J Radiol), 59: 701, 1986
- improved chest disease detection with scanning equalization radiography, Wandtke JC; Plewes DB, (AJR), 145: 979,
- initial experiences with a new stereo x-ray technic in general radiology, Tenner R; Dietz K, (Radiology), **157**: 852, 1985
- inside the multiformat camera, Trefler M, (Radiographics), 4: 785, 1984

- intraoperative 3-dimensional radiography of the kidney: modified technique, Gil-Vernet JM; Culla A, (Radiology), 156: 267,
- ser applications in radiology, Thompson TT, (Radiographics), 5: 627, 1985
- lateral chest radiograph in the assessment on nonpulmonary health and disease, Austin JHM, (Radiol Clin North Am), 22:
- limited value of interlaced ECG-gated radiography in the presence of a norma chest radiograph, Chen JTT; Ravin CE; Handel D, (AJR), 142: 65, 1984
- medical imaging systems, Macovski A, Reviewed by High M, (Radiology), 153: 458,
- metal image intensifier tubes, Thompson TT, (Radiographics), 4: 443, 1984
- method for increasing the resolution of scanned projection radiography and other digital x-ray systems, Checkley DR; Zhu XP; Hickey DS; et al. (Br J Radiol), 59: 365, 1986
- method of stereotaxic localization adopted for conventional and digital radiography, Bergstrom M; Greitz T; Ribbe T, (Neuroradiol), 28: 100, 1986
- methods of technique selection in radiographic imaging, Rossi RP, (Radiographics), 5: 998, 1985
- new self-developing film for intraoperative renal stone localization, Pahira JJ; Pollack HM, (Radiology), 157: 564, 1985
- on Rolls Royces and compacts (the pricing of radiographic equipment), Thompson TT, (Radiographics), 4: 327, 1984
- (Natiography with a rare-earth screen: comparison with calcium tungstate screen, Picus D; McAlister WH; Smith E; et al, (AJR), 143: 1335, 1984
- radiographic film fog in the darkroom, Suleiman OH; Showalter CK; Gross RE; Bunge RE, (Radiology), 151: 237, 1984
- rotational kymography: technique for automated analysis of cine left automated analysis of the left ventriculograms, Cragg AH; Lund G; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, (Radiology), **150**: 260, 1984
- sectional imaging methods: a comparison, Littleton JT; Durizch ML, eds, Reviewed by Standertskjold-Nordenstam C-G, (Radiology), 151: 420, 1984
- (Matthogy), 151-120, 190 simulated pulmonary nodules: detection with dual-energy digital versus conventional radiography, Niklason LT; Hickey NM; Chakraborty DP; Sabbagh EA; Yester MV; Fraser RG; Barnes GT, (Radiology), 160: 589,
- stationary and moving mammography grids: comparative radiation dose, Dershaw DD; Malik S, (AJR), 147: 491, 1986
- system for dual-energy radiography, Speller RD; Ensell GJ; Wallis C, (Radiology), 152: 871, 1984
- textbook of radiographic positioning and related anatomy, Bontrager KL; Anthony BT, Reviewed by Sweredoski R, (Radiology), 150: 6, 1984
- uniform focal spot x-ray tube with improved MTF and kW rating, Matsui H; Ono K, (Radiology), **156**: 227, 1985
- useful device for radiology of the female urinary outflow tract, Crawford AJ; Plant GR; Walker J, (Radiology), 155: 851,
- utility and efficacy of portable chest radiographs, Janower ML; Jennas-Nocera Z; Mukai J, (AJR), 142: 265, 1984
- viewpoint: upgrading older x-ray systems, Siedband MP, (Radiographics), 5: 217, 1985
- Waters projection for evaluation of lateral pharyngeal wall movement in speech disorders, Stringer DA; Witzel MA, (AJR), 145: 409, 1985
- Radiological Society of North America
- Adele Swenson, Executive Director, Radiological Society of North America, 1971–1985, Elkin M, (Radiology), **154**: 539,
- Douglas W. MacEwan, M.D. President, Radiological Society of North America, 1984, Zylak CJ, (Radiology), 150: 269, 1984 Eugene P. Pendergrass New Horizons for Radiologists Lecture, Brady LW Jr; Campbell RE, (Radiology), 156: 841, 1985
- James J. McCort, MD, President, Radiological Society of North America, 1986, Pendergrass HP, (Radiology), 158: 272, 1986

- Luther W. Brady, Jr., M.D.—president, Radiological Society of North America, 1985, Campbell RE, (Radiology), 154: 251, 1985
- Mary Ann Tuft: New Executive Director, Radiological Society of North America, Buenger RE, (Radiology), 155: 839, 1985
- recipients of the 1985 RSNA research fellowship, (Radiology), (Radiology), 157:
- Richard E. Buenger, MD, President, Radiological Society of North America, 1987, Huckman MS, (Radiology), **161**: 843, 1986
- RSNA Research and Education Fund: exciting step into the future, McCort JJ, (Radiology), 154: 541, 1985
- search committee for an editor, McCort JJ, (Radiology), 151: 532, 1984
- Stanley S. Siegelman, M.D., new Editor, Radiology, Heitzman ER, (Radiology), 156: 251, 1985
- William R. Eyler, M.D., McCort JJ, (Radiology), 157: 829, 1985
- Radiological Society of North America, 69th scientific assembly and annual meeting
  - award winning Scientific Exhibits—1983, (Radiographics), (Radiographics), 4: 261,
- cystic dilatations of the upper urinary tract: a radiologist's developmental model, Mellins HZ, (Radiology), **153**: 291, 1984
- ovarian cancer: contribution of radiation therapy to patient management. Erskine Memorial Lecture, 1983, Bush RS, (Radiology), 153: 17, 1984
- RSNA '83: gold medalists and honorary members, Lester RG, (Radiology), 150: 839,
- sixty-ninth scientific assembly and annual meeting, Eyler WR, (Radiology), 150: 603,1984
- tribute to Leo G. Rigler, M.D., Mellins HZ, (Radiology), 153: 289, 1984
- Radiological Society of North America, 70th scientific assembly and annual meeting
  - annual oration 1984. tribute to Donald L. McRae, M.D., and Albert J. Jutras, M.D., MacEwan DW, (Radiology), **156**: 1, 1985
  - annual oration: degenerative diseases of the vertebral column, Resnick D, (Radiology), 156: 3, 1985
  - award winning Scientific Exhibits—1984, (Radiographics), (Radiographics), 5: 171, 1985
  - film interpretation session, Keats TE; Beneventano TC; Bragg DG; Hodges FJ III; Lawson JP; Singleton EB, (Radiology), 153:
  - film interpretation session. Radiological Society of North America Seventieth Society of North America Seventieth Scientific Assembly and Annual Meeting, November 1984, summary of discussion and diagnoses, Keats TE; Beneventano TC; Bragg DG; Hodges FJ III; Lawson JP; Singleton EB, (Radiology), 154: 255, 1985
  - new horizons in cardiac imaging, Higgins CB, (Radiology), **156**: 577, 1985
  - Nuclear radiology correlative imaging panel, Brown ML; Muroff LR; Mettler FA Jr; Gottschalk A; Thrall JH, (Radiographics), 5: 457, 1985
  - president's address: equilibrium of medical and radiology services in Manitoba, MacEwan DW, (Radiology), **156**: 289, 1985
  - Radiological Society of North America Seventieth Scientific Assembly and Annual Meeting, Washington Convention Center, Washington, DC, MacEwan DW, (Radiology), 152: 541, 1984
  - seventieth scientific assembly and annual meeting, Eyler WR, (Radiology), 154: 831,
- Radiological Society of North America, 71st scientific assembly and annual meeting
  - annual oration 1985: new concepts in the non-Hodgkin lymphomas: radiologic implications, Bragg DG; Colby TV; Ward JH, (Radiology), 159: 291, 1986
  - annual oration 1985. tribute to Henry Seymour Kaplan, M.D., Bragg DG, (Radiology), 159: 289, 1986
  - award winning scientific exhibits—1985, Tuddenham WJ, (Radiographics), 6: 151, 1986
  - editor's page: the 71st scientific assembly and annual meeting, Tuddenham WJ, (Radiographics), 6: 3, 1986

- Eugene P. Pendergrass New Horizons for Radiologists Lecture, Brady LW Jr; Campbell RE, (Radiology), **156**: 841, 1985
- film interpretation session, Leopold GR; Alfidi RJ; Genant HK; Janower ML; McClennan BL; Rice RP, (Radiology), 157: 1,
- Society of North America seventy-first scientific assembly and annual meeting. November 1985 summary of discussion and diagnoses, Leopold GR; Alfidi RJ; Genant HK; Janower ML; McClennan BL; Rice RP, (Radiology), 157: 823, 1985
- general case of the day, Earnest F IV, (Radiographics), 6: 725, 1986
- general case of the day: annual meeting 1985, McLeod RA, (Radiographics), 6: 504, 1986
- general case of the day: annual meeting, 1985, Muhm JR, (Radiographics), 6: 914, 1986
- general case of the day, annual meeting, 1985, Hattery RR; Hartman GW; Williamson B, (Radiographics), 6: 1091, 1986
- (November 1985 neuroradiology film interpretation session, Kieffer SA; Kricheff II; Drayer BP; Hasso AN; Lukin RR, (Radiographics), 6: 287, 1986
- pediatric case of the day, Bisset GS; Towbin RB, (Radiographics), 6: 731, 1986
- pediatric case of the day: annual meeting 1985, Bisset GS; Towbin RB, (Radiographics), 6:
- pediatric case of the day: annual meeting, 1985, Bisset GS; Towbin RB, (Radiographics), 6: 917, 1986
- pediatric case of the day, annual meeting, 1985, Towbin RB; Bisset GS, (Radiographics), 6: 1100, 1986
- president's address: cancer cure with organ preservation using radiaion therapy, Brady LW; Markoe AM; Fisher S, (Radiology), 160: 1, 1986
- Radiological Society of North America, seventy-first scientific assembly and annual meeting, McCormick Place, Chicago, Illinois, Brady LW Jr. (Radiology), 156: 550, 1985
- ultrasound case of the day, Sandler MA; Beute GH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM, (Radiographics), 6: 734, 1986
- ultrasound case of the day: annual meeting 1985, Sandler MA; Beute GH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM, (Radiographics), 6: 512, 1986
- ultrasound case of the day: annual meeting, 1985, Sandler MA; Beute GH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM, (Radiographics), 6: 921, 1986
- ultrasound case of the day, annual meeting, 1985, Sandler MA; Beute GH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM, (Radiographics), 6: 1096, 1986

# Radiological Society of North America, 72nd scientific assembly and annual meeting

- art and some practical aspects of abstract writing, Redman HC, (Radiology), 158: 270, 1986
- image interpretation session, Baum S; Gooding GAW; Ravin CE; Stewart ET; Weissman BN; Reuter SR, (Radiographics), 6:
- Radiological Society of North America, seventy-second scientific assembly and annual meeting, McCormick Place, Chicago, Illinois, McCort JJ, (Radiology), 160: 565,
- scientific exhibits: the great communicator, Earnest F IV, (Radiographics), 6: 319, 1986

### Radiology and radiologists

- academic uroradiology: the future, Hartman GW; McClennan BL; Pfister RC, (Radiology), **158**: 559, 1986
- advances in imaging technology and their impact on medicine: Mackenzie Davidson Memorial Lecture, April 1986, Margulis AR; Shea WJ Jr., (Br J Radiol), 59: 309, 1986
- antitrust aspects of exclusive contracts in medical imaging, James AE Jr; Sloan FA; Hamilton R; Chick B; Zaner RM; Pendergrass HP; Stephens WH; Quimby CW Jr; Greeson T, (Radiology), 156: 237, 1985

- basic research as an investment in the future. Omenn GS, (AJR), 145: 1109, 1985
- breast cancer screening: underuse of mammography, Fox S; Baum JK; Klos DS; Tsou CV, (Radiology), 156: 607, 1985
- breast cancer screening: underuse of mammography, Williams JC, (Radiology), 159: 566, 1986
- cardiac radiology in Southern California: is there a future for cardiac radiologists?, Grollman JH Jr, (AJR), **144**: 1083, 1985
- case for a clinical year prior to radiology residency, Ravin CE, (Invest Radiol), 21: 287, 1986
- change, challenge and responsibility in medicine, Walton J, (Clin Radiol), 37: 1, 1986
- clinical radiographs of the cadaver as a teaching aid in anatomy, Pantoja E; Nagy F; Zambernard J, (Radiology), 155: 28, 1985
- comparison of lecture and case presentation formats for teaching radiology to residents, Smith WL; Berbaum K; Franken EA Jr; et al, (Invest Radiol), 21: 285, 1986
- contributions of radiology to the diagnosis, management, and cure of breast cancer, Lester RG, (Radiology), 151: 1, 1984
- critical incident interviewing in evaluation of resident performance, Tarico V; Smith WL; Altmaier E; Franken EA; Van Velzen D, (Radiology), 152: 327, 1984
- diagnostic ultrasonography: certain legal considerations, James AE Jr; Fleischer AC; Thieme GA; et al. (J Ultrasound Med), 4: 427,
- DRGs and the radiologist as a consultant, Shuman WP; Heilman RS; Carson EB, (AJR), 143: 193, 1984
- editor's page: how intransitive can one be?, Tuddenham WJ, (Radiographics), 6: 349,
- effects of introducing balloon dilatation into vascular surgical practice, Jeans WD; Danton RM; Baird RN; et al, (Br J Radiol), 59:
- establishing efficacy through consensus conferences, Doppman JL, (Radiology), **161**: 566, 1986
- excretory urography in current practice: evidence against overutilization, Doubilet PM; McNeil BJ; Van Houten FX; Berenberg A; Ratnofsky S; Greenes RA; Anderson JW; Mellins HZ; Abrams HL, (Radiology), 154: 607, 1985
- how to cope with the doctor glut in the United States, Petersdorf RG, (AJR), 145: 1128, 1985
- ignorance is not bliss: knowledge, information, and the diagnostic technology problem, Larson EB, (AJR), **145**: 1124, 1985
- impact of prospective payment systems on diagnostic imaging services, Muilenburg RH, (AJR), 145: 1122, 1985
- impact of regulation and payment innovations on acquisition of new imaging technologies, Steinberg EP, (Radiol Clin North Am), 23: 381, 1985
- influence of federal and state regulations on the acquisition and operation by hospitals of magnetic resonance imaging scanners, Bartlett SW, (Cardiovasc Intervent Radiol), 8: 394, 1986
- information integration for the imaging specialist, Shannon RH, (Radiol Clin North Am), 24: 121, 1986
- implies admissions for interventional radiology: philosophy of patient management, Kinnison ML; White RI Jr; Auster M; Hewes R; Mitchell SE; Shuman L; Gallacher D, (Radiology), 154: 349, 1985
- inpatient management: new role for interventional radiologists, Ring EJ; Kerlan RK Jr, (Radiology), **154:** 543, 1985
- interventional radiology: challenges and initiatives, Becker GJ, (Radiology), 161: 562,
- interventional radiology: we can't have it both ways, White RI Jr, (Radiology), 161: 565, 1986
- legal and ethical choices in a technologic discipline: imaging centers, DRGs, and the radiologist, James AE Jr; Greeson T; Price RR; et al, (Invest Radiol), 21: 746, 1986
- legal and ethical issues in a technologic discipline: new times, new choices, James AE Jr; Greeson T; Price RR; et al, (Invest Radiol), 21: 673, 1986

- legal aspects of diagnostic sonography, James AE Jr; Bundy AL; Fleischer AC; et al, (Semin US CT MR), 6: 207, 1985
- manpower, entrepreneurs, and antitrust, Reuter SR, (Radiology), 153: 549, 1984
- medical imaging technology in a societal context, James AE Jr. (AJR), 144: 1109, 1985 medical radiation protection: a long view, Villforth JC, (AJR), 145: 1114, 1985
- medical student education: practical approach to radiology, Pope TL Jr, (Invest Radiol), 21: 592, 1986
- modern medicine, modern law: lasting values, Shepherd JC, (AJR), 143: 187, 1984
- notes on radiological diagnosis: the trainee's survival kit, Lau LSW; DeCampo JF, Reviewed by Wopperer DB, (Radiology), 152: 40, 1984
- oncologic diagnostic radiology: a model for implementation, Meyer JE; Taveras JM; Stomper PC, (Radiology), **150**: 271, 1984
- oncologic diagnostic radiology: the question of need, Evens RG, (Radiology), 150: 273, 1984
- patient-oriented performance measures of diagnostic tests. 1. tools for prospective evaluation of test order decisions, Greenes RA; Cain KC; Begg CB, (Radiology), 152: 845, 1984
- patient-oriented performance measures of diagnostic tests. 2. assignment potential and assignment strength, Greenes RA; Begg CB; Cain KC; et al, (Radiology), 152: 845, 1984
- patient-oriented performance measures of diagnostic tests. 3. U-factor, Cain KC; Greenes RA; Begg CB, (Radiology), **152**: 845, 1984
- preparation for neuroradiologic procedures: a questionnaire, Binet EF; Bice CD, (AJNR), 5: 117, 1984
- president's address: equilibrium of medical and radiology services in Manitoba, MacEwan DW, (Radiology), **156**: **28**9, 1985
- publication in radiology: challenges to tradition, Figley MM, (Radiology), **157**: 633,
- radiologist as an attending physician: routine or special procedure?, Evens RG, (Radiology), **154**: 545, 1985
- radiologist as consultant: direct contact between referring clinician and radiologist before CT examination, Seltzer SE; Beard JO; Adams DF, (AJR), 144: 661, 1985
- radiologists and informed-consent lawsuits, Spring DB; Tennenhouse DJ; Akin JR; Margulis AR, (Radiology), 156: 245, 1985
- radiology 1984: conflict of high technology and high cost, Evens RG, (Radiology), 157: 569, 1985
- radiology and the marketplace, Dodd GD, (AJR), 145: 1120, 1985
- radiology in Papua New Guinea, Bender GN, (Radiology), 153: 835, 1984
- radiology in the medical swirl, Linton OW, (AJR), 145: 1118, 1985
- radiology malpractice lawsuits: California jury verdicts, Spring DB; Tennenhouse DJ, (Radiology), **159**: 811, 1986
- radiology management: an introduction, Bouchard EA, Reviewed by Roberts JW Jr, (Radiology), **150**: 310, 1984
- radiology workload system for diagnostic radiology, MacEwan DW, (Radiology), **150**: 857, 1984
- radionuclide thyroid studies: a survey of practice in the United States in 1981, Parker TW; Mettler FA Jr; Christie JH; Williams AG, (Radiology), **150**: 547, 1984
- residency review committee for radiology: its organization, function, and performance in diagnostic radiology, Sebring RH; Jacobson HG, (AJR), 142: 833, 1984
- socioeconomic and ethical issues in medicine: toward understanding and dialogue, Heitzman ER; Buenger RE, (Radiology), 159:
- stereoscopy without instruments: training device, Yanai A; Segawa H; Nagata S; Asato H, (Radiology), **155**: 826, 1985
- supply of and requirements for diagnostic and therapeutic radiologists, Wills J; Garrison LP Jr; Evens RG, (Radiology), **151**:

- supply of radiologists: planning for the future, Evens RG; Riemenschneider PA; Deffebach RR, (Radiology), **151**: 253, 1984
- technological seduction: diagnostic imaging technology facing new demands, Robb WL, (AJR), 145: 1112, 1985
- tentative diagnoses facilitate the detection of diverse lesions in chest radiographs, Berbaum KS; Franken EA Jr; Dorfman DD; et al, (Invest Radiol), 21: 532,
- uniform acceptance date for resident recruitment, Cuttino JT Jr; Scatliff JH, (Invest Radiol), 21: 170, 1986
- who needs high technology? presidential address, 1983, Fry IK, (Radiology), 155: 863. 1985
- women in medicine: radiologist's perspective, Gooding GAW, (Invest Radiol), 21: 496, 1986 women in radiology in the United States: 1982 survey of their professional practices, Kirchner SG; Kossoff J; Pickens DR III, (AJR), 142: 1055, 1984

### Radiology and radiologists, departmental management

- aspects of successful health care management—1984, Pickwick CE, (Radiographics), 5: 503, 1985
- automation of film library functions, Bauman RA, (Radiol Clin North Am), 24: 11,
- automation of the radiology management function, Arenson RL, (Radiology), 153: 65,
- computer-assisted radiologic reporting system, Choplin RH; Boehme JM; Cowan RI; Gelfand DW; Maynard CD; Park WC Jr; Volberg FM; Williams RC, (Radiology), **150**: 345, 1984
- computer-assisted scheduling of radiologists, Reinus WR; Totty WG, (AJR), 147: 203, 1986
- computer-assisted scheduling of radiology resident call, Larson TC III; Larson SL; Harle TS, (Invest Radiol), 21: 424, 1986
- computer-based gastrointestinal information management system, Feczko PJ; Ackerman LV; Halpert RD; Simms SM, (Radiology), 152: 297, 1984
- computerized record and verify system for radiation treatments, Mohan R; Podmaniczky KC; Caley R; et al, (Radiology), 156: 573, 1985
- (Nationgy), 156: 575, 1755 cooperation between a radiology computer consortium and a computer manufacturer in the development of a radiology information system, Burke MW. Ackerman LV, (Radiology), 156: 565, 1985
- (Radiology), 196: 565, 1985 cost reduct on opportunities in radiology departments, Levin DC; Bozadjian E; Dunham L; Harrington DP; Abrams HL, (Radiology), 152: 823, 1984 diffusion of MRI: patterns of siting and ownership in an era of changing incentives, Hillman AL; Schwartz JS, (AJR), 146: 963,
- digital computer in medical imaging: a critical review, Bauman RA; Lodwick GS; Taveras JM, (Radiology), **153**: 73, 1984
- digital image management: networking, display, and archiving, Cox GG; Templeton AW; Dwyer SJ III, (Radiol Clin North Am), 24: 37, 1986
- digital radiology department of the future, Capp MP; Roehrig H; Seeley GW; et al, (Radiol Clin North Am), 23: 349, 1985
- estimating digital information throughput rates for radiology networks: model, Cox GG; Templeton AW; Anderson WH; et al, (Invest Radiol), 21: 162,
- Medicare amendments change teaching hospital reimbursement, Linton OW, (Radiology), 161: 567, 1986
- modus operandi for a picture archiving and communication system, Noz ME; Erdman WA; Maguire GQ Jr; Stahl TJ; Tokarz RJ; Menken KL; Salviani JA, (Radiology), 152: 221, 1984
- monitoring department efficiency and quality, Jost RG, (Radiol Clin North Am), 24: 27, 1986
- national survey of computed tomography unit capacity: an update. special report, Terhorst LL, (Radiology), 153: 207, 1984
- networking of microcomputers in the radiology department, Markivee CR, (AJR), 145: 849, 1985

night radiology, Fries JW, (AJR), 145: 1091,

office automation, Arenson RL, (Radiol Clin North Am), 24: 87, 1986

on-line digital image management system, Templeton AW; Dwyer SJ III; Johnson JA; Anderson WH; Hensley KS; Rosenthal SJ; Lee KR; Preston DF; Batnitzky S; Price HI, (Radiology), 152: 321, 1984

operation of a ward-based radiology consultation service, Baker SR; Rosenberg ZS; Adel H, (Radiology), 152: 331, 1984

personal computers: their use in a low-volume imaging department, Henry RE, (AJR), 146: 1302, 1986

practical value of computer literacy: 3. nonimaging computer applications in radiology, Levy JM; Hessel SJ, (AJR), 145: 1089, 1985

radiologic consultation: its application to an acute care surgical ward, Baker SR; Stein HD, (AJR), 147: 637, 1986

radiology department management system: technologists' costs, McNeil BJ; Sapienza A; Van Gerpen J; Sheriff CR; Gillis AE; Sack DJ; Komaroff AL, (Radiology), 156: 57, 1985

radiology department management system: technologists' costs, Janower ML, (Radiology), **159**: 566, 1986

radiology department management system: technologists' costs: reply, McNeil BJ, (Radiology), **159**: 566, 1986

radiology reporting, Jost RG, (Radiol Clin North Am), 24: 19, 1986

registration and scheduling processes, Bauman RA, (Radiol Clin North Am), 24: 5,

simulator model of a department of diagnostic radiology, Kaukiainen M; Spring E; Wag E, (Acta Radiol [Diagn]), 27: 71, 1986

systems components for consideration in purchasing an NMR imager, Droege RT; Ekstrand KE; Coffey CW II, (Radiographics),

teaching file program for use in an ultrasound department, Garra BS; Kurtz D; Shawker TH; et al, (J Ultrasound Med), 5: 313, 1986

telecomputing in radiology, Rowberg AH; Newell JD; Hunter TB, (AJR), 145: 411, 1985 teleradiology, Gitlin JN, (Radiol Clin North Am), 24: 55, 1986

toward automated image analysis: future possibilities in historical perspective, Ackerman L, (Radiol Clin North Am), 24: 79,

use of psychophysical principles in the design of a total digital radiology department, Seeley GW; Newell JD II, (Radiol Clin North Am), 23: 341, 1985

value of a worksheet in reporting body-CT examinations, Kinard RE; Orrison WW; Brogdon BG, (AJR), 147: 848, 1986

visual perception and image display terminals, Kundel HL, (Radiol Clin North Am), 24: 69,

Radiology and radiologists, design of radiological facilities

digital radiology department of the future, Capp MP; Roehrig H; Seeley GW; et al, (Radiol Clin North Am), 23: 349, 1985

digital subtraction angiography in the community hospital, Levy JM; Hessel SJ, (Radiol Clin North Am), 23: 363, 1985

magnetic resonance installation: siting and economic considerations, Bradley WG Jr; Opel W; Kassabian JP, (Radiology), 151: 719, 1984

microcomputer patient database management system for an MRI facility, Holshouser BA; Bradley WG Jr, (AJR), 146: 871, 1986

personal computer needs for the radiologist, Newell JD; Hunter TB, (Invest Radiol), 21: 167, 1986

practical value of computer literacy: 1. for the purchase of imaging equipment, Levy JM, (AJR), 145: 181, 1985

site planning for radiology computer systems, Williams RC; Choplin RH; Boehme JM; et al, (AJR), 145: 1087, 1985

teleradiology: part of a comprehensive telehealth system, Carey LS, (Radiol Clin North Am), 23: 357, 1985

use of psychophysical principles in the design of a total digital radiology department, Seeley GW; Newell JD II, (Radiol Clin North Am), 23: 341, 1985

Radiology and radiologists, history

advances in imaging technology and their impact on medicine: Mackenzie Davidson Memorial Lecture, April 1986, Margulis AR; Shea WJ Jr, (Br J Radiol), 59: 309, 1986

Descartes versus Hippocrates—a conflict resolved? the Silvanus Thompson Memorial Lecture, April 1984, Lenihan J, (Radiology), 155: 864, 1985

early American radiology: pioneer years, DiSantis DJ, (AJR), 147: 850, 1986

Egas Moniz, 1874-1955: father of cerebral angiography, father of psychosurgery, neurologist and psychiatrist, politician and diplomat, Nobel laureate, Tondreau RL, (Radiographics), 5: 994, 1985

first steps in the development of the Doppler flowmeter, Kaneko Z, (Ultrasound Med Biol), 12: 187, 1986

golden age: shifting spectrum. British Institute of Radiology presidential address 1985, Isherwood I, (Br J Radiol), 59: 643, 1986

good old days with William J. Hogan, Warren SR Jr; Tondreau RL, (Radiographics), 6: 515, 1986

Hermann Heineke, del Regato JA, (Int J Radiat Oncol Biol Phys), 12: 997, 1986

James L. Weatherwax: pioneer in the physics of radiology, Stanton L, (Radiographics), 6: 331, 1986

radiologic exploration of the gastrointestinal tract: an interdisciplinary enterprise, Brooks FP, (Radiographics), 6: 160, 1986 retrospectoscope, (Radiographics), (Radiographics), 5: 255, 1985

tribute to Sven-Ivar Seldinger, Doby T, (AJR), 142: 1, 1984

ventriculography and pneumoencephalography: contributions of Dr. Walter E. Dandy, Tondreau RL, (Radiographics), 5: 553, 1985

Radiology and radiologists, observer performance

See Diagnostic radiology, observer performance

Radiology (journal)

manuscript processing at the RSNA publications office, Arnold RE, (Radiology), 158: 267, 1986

note of thanks, Brady LW Jr; Eyler WR, (Radiology), 157: 831, 1985

note of thanks, McCort JJ; Siegelman SS, (Radiology), **161**: 845, 1986

publication in radiology: challenges to tradition, Figley MM, (Radiology), 157: 633,

Radiology 1986, Siegelman SS, (Radiology), 158: 265, 1986

reprints in the electronic age, Eyler WR, (Radiology), 151: 804, 1984 Stanley S. Siegelman, M.D., new Editor, Radiology, Heitzman ER, (Radiology), 156: 251, 1985 William R. Eyler, M.D., McCort JJ, (Radiology), 157: 829, 1985

Radiology reporting systems using barcode technology, Adams HG; Campbell AF, (AJR), 145: 177, 1985

computer-assisted radiologic reporting system, Choplin RH; Boehme JM; Cowan RJ; Gelfand DW; Maynard CD; Park WC Jr; Volberg FM; Williams RC, (Radiology), 150: 345, 1984

computer-based gastrointestinal information management system, Feczko PJ; Ackerman LV; Halpert RD; Simms SM, (Radiology), 152: 297, 1984

(Radiology), 1922 29, 1994 on-line digital image management system, Templeton AW; Dwyer SJ III; Johnson JA; Anderson WH; Hensley KS; Rosenthal SJ; Lee KR; Preston DF; Batnitzky S; Price HI, (Radiology), 152: 321, 1984

teleradiology: part of a comprehensive telehealth system, Carey LS, (Radiol Clin North Am), 23: 357, 1985

Radionuclide imaging

See also under names of organs, such as Lung, radionuclide studies

breast-milk radioactivity after a Tc-99m DTPA aerosol/Tc-99m MAA lung study, Mountford PJ; Hall FM; Wells CP; et al, (Radiology), 157: 288, 1985

chronic osteomyelitis: bone and gallium scan patterns associated with active disease, Tumeh SS; Aliabadi P; Weissman BN; McNeil BJ, (Radiology), 158: 685, 1986

clinical decision making: dipyridamole thallium imaging, Gill JB; Miller DD; Boucher CA; et al, (J Nucl Med), 27: 132,

Clinical nuclear medicine, Maisey MN;
Britton KE; Gilday DL, Reviewed by
Wilson GA, (Radiology), 151: 202, 1984
clinical utility of labeled cells for detection of
allograft rejection and myocardial
infarction, Fawwaz RA, (Semin Nucl Med), 14: 198, 1984

CRC handbook series in clinical laboratory science. section A: nuclear medicine volume II, Spencer RP, ed, Reviewed by Weber DA, (Radiology), 151: 498, 1984

discordance between chest x-ray and gallium scan, Tiu S; Kramer EL; Sanger JJ; et al, (Semin Nucl Med), 14: 149, 1984

focal left ventricular dyskinesis, Winzelberg GG, (Semin Nucl Med), 14: 141,

gamuts in nuclear medicine, Datz FL, Reviewed by Haines JE, (Radiology), 152: 160, 1984

generalized increase in uptake of gallium-67 in bone, Lentle BC; Penney H; Ensslen R, (Semin Nucl Med), 14: 143, 1984

imaging of inflammatory processes with labeled cells, Froelich JW; Swanson D, (Semin Nucl Med), 14: 128, 1984

imaging of venous thromboemboli with labeled platelets, Moser KM; Fedullo PF, (Semin Nucl Med), 14: 188, 1984

labeled cells in the investigation of hematologic disorders, Alavi JB; Hansell J, (Semin Nucl Med), 14: 208, 1984

misleading findings on indium-111 leukocyte images, Goodgold HM; Samuels LD, (Clin Nucl Med), 11: 392, 1986

neutrophil labeling: problems and pitfalls, Thakur ML; Seifert CL; Madsen MT; et al, (Semin Nucl Med), 14: 107, 1984 nuclear medicine and the environment:

radiation interactions, Schmelter RF, (Semin Nucl Med), 16: 87, 1986

nuclear medicine in vitro. 2d ed., Rothfeld B, ed, Reviewed by Woolf PD, (Radiology), 153: 542, 1984

Nuclear medicine: quantitative procedures, Wahner HW, ed, Reviewed by Spiers EW, (Radiology), 151: 498, 1984

Nuclear radiology correlative imaging panel, Brown ML; Muroff LR; Mettler FA Jr; Gottschalk A; Thrall JH, (Radiographics), 5:

radiolabeling of platelets, Mathias CJ; Welch MJ, (Semin Nucl Med), 14: 118, 1984 radionuclide-labeled red blood cells: current

status and future prospects, Srivastava SC; Chervu LR, (Semin Nucl Med), 14: 68, 1984 role of gallium-67 in the clinical evaluation of sarcoidosis, Bekerman C: Szidon IP: Pinsky S, (Semin Roentgenol), 20: 400, 1985

role of nuclear medicine in chemotherapy of malignant lesions, Kim EE; Haynie TP, (Semin Nucl Med), 15: 12, 1985

symmetrical focal chest uptake in gallium-67 scintigraphy, Wu S-Y; Brown T; Lyons KP, (Semin Nucl Med), 14: 146, 1984

imaging, Front D; Israel O; Groshar D; et al, (Semin Nucl Med), 14: 226, 1984 technique of leukocyte harvesting and

labeling: problems and perspectives, McAfee JG; Subramanian G; Gagne G, (Semin Nucl Med), 14: 83, 1984 "tourniquet effect", Desai A; Intenzo C, (Radiology), **154:** 862, 1985

Radionuclide imaging, comparative studies

bone metastases in pheochromocytoma: comparative studies of efficacy of imaging. Lynn MD; Braunstein EM; Wahl RL; Shapiro B; Gross MD; Rabbani R, (Radiology), 160: 701, 1986

comparison between the use of a shadow omparison between the use or a shadow shield whole body counter and an uncollimated gamma camera in the assessment of the seven day retention of SeHCAT, Hanes TK; Condon BR; Fleming JS; et al. (Radiology), 154: 861, 1985

liver-spleen studies with the rotating gamma camera. II. utility of tomography, Keyes JW Jr; Singer D; Satterlee W; Kalff V; Harkness BA, (Radiology), 153: 537, 1984

liver-spleen studies with the rotating gamma camera. I: utility of the rotating display, Kalff V; Satterlee W; Harkness BA; Singer D; Keyes JW Jr, (Radiology), 153: 533, 1984

## Radionuclide imaging, comparative studies

- progressive systemic sclerosis: radionuclide esophageal scintigraphy and manometry, Drane WE: Karvelis K; Johnson DA; Curran JJ; Silverman ED, (Radiology), **160**: 73, 1986
- regional comparison of technetium-99m DTPA aerosol and radioactive gas ventilation (xenon and krypton) studies in patients with suspected pulmonary embolism, Ramanna L; Alderson PO; Waxman AD; et al, (J Nucl Med), 27: 1391, 1986
- role of chest radiography in predicting the extent of airway disease in patients with suspected pulmonary embolism, Smith R; Ellis K; Alderson PO, (Radiology), 159: 391,
- single photon emission computed tomography (SPECT), planar scintigraphy, and transmission computed tomography: a comparison of accuracy in diagnosing focal hepatic disease, Brendel AJ; Leccia F; Drouillard J; San Galli F, Eresue J; Wynchank S; Barat J-L; Ducassou D, (Radiology), 153: 527, 1984

## Radionuclide imaging, complications

radionuclide administration to nursing mothers: mathematically derived guidelines, Romney BM; Nickoloff EL; Esser PD; Alderson PO, (Radiology), 160: 549, 1986

## Radionuclide imaging, computer-assisted

- automated comparison of scintigraphic images, Venot A; Liehn J-C; Lebruchec J-F; et al, (J Nucl Med), 27: 1337, 1986
- clinical and mathematical introduction to computer processing of scintigraphic images, Coris ML, Briandet PA, Reviewed by Weber DA, (Radiology), 153: 32, 1984
- digital computer: the role of functional imaging in radiology, Lasher JC; Blumhardt R; Lancaster JL, (Radiology), 153:

### Radionuclide imaging, contrast enhancement

- cold lesions: enhanced contrast using asymmetric photopeak windows, LaFontaine RL; Stein MA; Graham LS; Winter J, (Radiology), **160**: 255, 1986
- gastric air contrast: useful adjunct to hepatic artery scintigraphy, Wahl RL; Ziessman HA; Juni J; et al, (AJR), 143: 321, 1984
- localization of 99mTc methylene diphosphonate within synovial fluid in osteosarcoma, Sandler MS; Heyman S; Watts H, (AJR), 143: 349, 1984

### Radionuclide imaging, dosimetry

- absorbed dose estimates from radionuclides, Harbert JC; Pollina R, (Radiology), 154: 862,
- fetal dosimetry from pulmonary imaging in pregnancy: revised estimates, Ponto JA, (Clin Nucl Med), 11: 108, 1986
- gastroesophageal scintiscanning in a pediatric population: dosimetry, Castronovo FP Jr, (J Nucl Med), 27: 1212, 1986
- Tc-99m HIDA dosimetry in patients with various hepatic disorders, Wu RK; Siegel JA; Rattner Z; et al, (Radiology), 155: 862, 1985

## Radionuclide imaging, experimental

- characterization of beta-adrenoreceptors in vivo with iodine-131 pindolol and gamma scintigraphy, Hughes B; Marshall DR; Sobel BE; et al. (J Nucl Med), 27: 660, 1986
- dual tracer autoradiographic study of β-methyl-(1-1<sup>14</sup>C) heptadecanoic acid and 15-p-(1<sup>31</sup>I)-iodophenyl-β-methylpentadecanoic acid in normotensive and hypertensive rats, Yamamoto K; Som P; Brill AB; et al, (J Nucl Med), 27: 1178, 1986
- evaluation in dogs and humans of three potential technetium-99m myocardial perfusion agents, Gerundini P; Savi A; Gilardi MC; et al, (J Nucl Med), 27: 409, 1986
- fragment E<sub>1</sub> labeled with I-123 in the detection of venous thrombosis, Knight LC; Maurer AH; Robbins PS; Malmud LS; Budzynski AZ, (Radiology), 156: 509, 1985
- frostbite: experimental assessment of tissue damage using Tc-99m pyrophosphate. work in progress, Salimi Z; Wolverson MK; Herbold DR; Vas W, (Radiology), **161**: 227,

- imaging of lymph node uptake after intravenous administration of indium-111 metalloporphyrins, Robinson GD Jr; Alavi A; Vaum R; et al, (J Nucl Med), 27: 239,
- iodine-131 metaiodobenzylguanidine intra-and extravesicular accumulation in the rat heart, Nakajo M; Shimabukuro K; Yoshimura H; et al, (J Nucl Med), 27: 84,
- joint scintigraphy using technetium-99m pyrophosphate in experimental hemarthrosis, Salimi Z; Vas W; Restrepo G, (J Nucl Med), 27: 246, 1986
- no-carrier-added fluorine-18-labeled Nmethylspiroperidol: synthesis and biodistribution in mice, Shiue C-Y; Fowler JS; Wolf AP; et al, (J Nucl Med), 27: 226, 1986
- propranolol hydrochloride enhancement of tumor perfusion and uptake of gallium-67 in a mouse sarcoma, Bomber P; McCready R; Hammersley P, (J Nucl Med), 27: 243, 1986
- radioimmunoimaging of venous thrombi using iodine-131 monoclonal antibody, Rosebrough SF; Kudryk B; Grossman ZD; McAfee JG; Subramanian G; Ritter-Hrncirik CA; Witanowski LS; Tillapaugh-Fay G, (Radiology), 156: 515, 1985
- ray v., (kaulology). 156: 515, 1985 radiolabeling with organomercury compounds: part 2. high specific activity synthesis of iodine-125 and iodine-131-6-iodocholest-5-en-36-ol and its issue distribution in rats, Flanagan RJ; Charleson FP; Synnes EI; et al, (J Nucl Med), 27: 1165, 1986
- renal bleeding: scintigraphic detection in a canine model, Goodman K; Atkins H; Waltzer W; Frischer Z; Bohus R, (Radiology), 155: 797. 1985
- renal tubular receptor imaging with iodine-131-labeled peanut lectin: pharmacokinetics and renal clearance mechanism in animals, Boniface GR; Suresh MR; Willans DJ; et al, (J Nucl Med), 27: 668, 1986
- separate effects of ischemia, hypoxia, and contractility on thallium-201 kinetics in rabbit myocardium, Leppo JA; Macneil PB; Moring AF; et al, (J Nucl Med), 27: 66, 1986
- technetium-99m labeling of murine monoclonal antibody fragments, Rhodes BA; Zamora PO; Newell KD; et al, (J Nucl Med), 27: 685, 1986
- thallium-201 scintigraphic quantitation of regional flow disparity and subsequent redistribution in dogs, Steingart RM; Cohen MV, (J Nucl Med), 27: 75, 1986

### Radionuclide imaging, in diagnosis of neoplasms

- calcification and uptake of Tc-99m diphosphonates in neuroblastomas: concise communication, Martin-Simmerman P; Cohen MD; Siddiqui A; et al, (Radiology), 154: 861, 1985
- contribution of radionuclide imaging to radiation oncology, Mansfield CM; Park CH, (Semin Nucl Med), **15**: 28, 1985
- diagnostic imaging of human neuroblastoma with radiolabeled antibody, Miraldi FD; Nelson AD; Kraly C; Ellery S; Landmeier B; Coccia PF; Strandjord SE; Cheung N-KV, (Radiology), 161: 413, 1986
- <sup>131</sup>I-meta-iodobenzylguanidine scintigraphy of neuroblastomas, Munkner T, (Semin Nucl Med), 15: 154, 1985
- pediatric applications in nuclear oncology, Sty JR; Kun LE; Starshak RJ, (Semin Nucl Med), **15**: 171, 1985
- medi, 35. 17, 1903

  radioimmunodetection of melanoma utilizing In-111 96.5 monoclonal antibody; preliminary report, Halpern SE; Dillman RO; Witztum KF; Shega JF; Hagan PL; Burrows WM; Dillman JB; Clutter ML; Sobol RE; Frencke JM; Bartholomew RM; David CS; Carlo DJ, (Ordiology) 156, 493, 1085 (Radiology), 155: 493, 1985
- radio-iodobenzylguanidine for the scintigraphic location and therapy of adrenergic tumors, McEwan AJ; Shapiro B; Sisson JC; et al, (Semin Nucl Med), 15: 132,
- radionuclide imaging of parathyroid tumors: historical perspectives and newer techniques, Winzelberg GG; Hydovitz JD, (Semin Nucl Med), 15: 161, 1985

- Tc-99m red blood cell scintigraphy in evaluating focal liver lesions, Rabinowitz SA; McKusick KA; Strauss HW, (AJR), 143: 63, 1984
- Radionuclide imaging, in infants and children
- cold osteomyelitis: radionuclide bone scan findings, Barron BJ; Dhekne RD, (Radiology), **155**: 277, 1985
- gastroesophageal scintiscanning in a pediatric population: dosimetry, Castronovo FP Jr, (J Nucl Med), 27: 1212, 1986 impact of new imaging systems on paediatric radiology, Sweet EM, (Radiology), 151: 549, 1984
- pediatric applications in nuclear oncology, Sty JR; Kun LE; Starshak RJ, (Semin Nucl Med), 15: 171, 1985
- quantitative evaluation of iodine-123 hippuran gamma camera renography in normal children, Carlsen O; Kvinesdal B; Nathan E, (J Nucl Med), 27: 117, 1986
- quantitative ventilation-perfusion lung scans in infants and children: utility of a submicronic radiolabeled aerosol to assess ventilation, O'Brodovich HM; Coates G, (Radiology), 155: 551, 1985
- radiolabelled leucocytes: a new diagnostic tool in occult infection/inflammation, Gordon I; Vivian G, (Radiology), 153: 275, 1984
- radiopharmaceutical dosage selection for pediatric nuclear medicine, Shore RM; Hendee WR, (J Nucl Med), 27: 287, 1986
- scanning with iodine-131 MIBG in children with solid tumors: initial appraisal, Hadley GP; Rabe E, (J Nucl Med), 27: 620,

# Radionuclide imaging, intraoperative

- intraoperative osteoscintigraphy as an aid to bone biopsy, Renzoni SA; Convery FR; Ashburn W; et al, (Clin Nucl Med), 11: 619, 1986
- osteoid osteoma: localization by intraoperative magnification scintigraphy, Taylor GA; Shea N; O'Brien T; et al, (Pediatr Radiol), 16:
- scintigraphic localization of bone lesions during surgery, Harcke HT; Conway JJ; Tachidian MO; et al, (Radiology), 157: 575,

## Radionuclide imaging, physics

- cold lesions: enhanced contrast using asymmetric photopeak windows, LaFontaine RL; Stein MA; Graham LS; Winter J, (Radiology), **160**: 255, 1986
- effect of Sn(II) ion concentration and heparin on technetium-99m red blood cell labeling. Rao SA; Knobel J; Collier BD; et al, (J Nucl Med), 27: 1202, 1986
- effects of asymmetric photopeak windows on flood field uniformity and spatial resolution of scintillation cameras, Graham LS; LaFontaine RL; Stein MA, (J Nucl Med), 27: 706, 1986
- esophageal source measurement of Tc-99m attenuation coefficients for use in left ventricular volume determinations, Fearnow EC III; Jaszczak RJ; Harris CC; Stanfield JA; Coleman RE, (Radiology), 157:
- introductory physics of nuclear medicine, Chandra R, Reviewed by Weber DA, (Radiology), **152**: 794, 1984
- Moiré interference in gamma camera quality assurance images, Hart GC, (J Nucl Med), 27:

### Radionuclide imaging, quality assurance

- Moiré interference in gamma camera quality assurance images, Hart GC, (J Nucl Med), 27: 820, 1986
- Nal(Tl) camera crystals: imaging capabilities of hydrated regions on the crystal surface, Keszthelyi-Landori S, (Radiology), **158**: 823,
- quality assurance and nuclear medicine: challenge of change, Friedman BI, (J Nucl Med), 27: 1366, 1986
- quality control of technetium-99m DTPA: correlation of analytic tests with in vivo protein binding in man, Russell CD; Rowell K; Scott JW, (J Nucl Med), 27: 560,

## Radionuclide imaging, radiation dose

miniature thermoluminescent dosimeter absorbed dose measurements in tumor phantom models, Wessels BW; Griffith MH, (J Nucl Med), 27: 1308, 1986 radionuclide administration to nursing mothers: mathematically derived guidelines, Romney BM, Nickoloff EL, Esser PD; Alderson PO, (Radiology), 160: 549, 1986

Alderson F.O., (Nationogy), 180: 342, 1500 thyroid radiation absorbed dose from diagnostic procedures in U.S. population, Rosenberg RD, Mettler FA Jr; Moseley RD Jr; Parker T; Williams AG; Christie JH; Kelsey CA, (Radiology), 156: 183, 1985

Radionuclide imaging, technology

aerosol penetration ratio: new index of ventilation, Sirr SA; Elliott GR; Regelmann WE; et al. (J Nucl Med), 27: 1343, 1986

analysis of emission tomographic scan data: limitations imposed by resolution and background, Kessler RM; Ellis JR Jr; Eden M, (Radiology), 154: 862, 1985

applications of condensed dynamic images, Klein HA, (Clin Nucl Med), 11: 178, 1986 automated comparison of scintigraphic images, Venot A; Liehn J-C; Lebruchec J-F; et al, (J Nucl Med), 27: 1337, 1986

bone imaging showing incidental radionuclide exudate, Palazzo WL, (Clin Nucl Med), 11: 203, 1986

clinical comparison of a new technetium 99m DTPA aerosol delivery system with krypton 81m, Finn JP; Myers MJ; Nair KM; et al., (Br J Radiol), 59: 19, 1986

cold lesions: enhanced contrast using asymmetric photopeak windows, LaFontaine RL; Stein MA; Graham LS; Winter J, (Radiology), 160: 255, 1986

computers in nuclear medicine, Cradduck TD; Busemann-Sokole E, (Radiographics), 5: 51, 1985

deuterioglucose: alteration of biodistribution by an isotope effect, Gatley SJ; Wess MM; Govoni PL; et al, (J Nucl Med), 27: 388, 1986

Govon FL; et al, () Nucl med), 27: 386, 1906 diagnostic imaging of human neuroblastoma with radiolabeled antibody, Miraldi FD; Nelson AD; Kraly C; Ellery S; Landmeier B; Coccia PF; Strandjord SE; Cheung N-KV, (Radiology), 161: 413, 1986

digital imaging: clinical advances in nuclear medicine, Esser PD, ed, Reviewed by O'Mara RE, (Radiology), **151**: 482, 1984

digital restoration of indium-111 and iodine-123 SPECT images with optimized Metz filters, King MA; Schwinger RB; Penney BC; et al. (J Nucl Med), 27: 1327,

dynamic process captured on a single image: approach to screening for abnormal superic vena caval flow, Simon TR; Middleton RA; Barr P; et al, (J Nucl Med), 27: 838, 1986

effect of region assignment on relative renal blood flow estimates using radionuclides, Harris CC; Ford KK; Coleman RE; Dunnick NR, (Radiology), 151: 791, 1984

exercise renogram. a new approach documents renal involvement in systemic hypertension, Clorius JH; Schmidlin P, (Radiology), 150: 616, 1984

(Radiology), 190: 616, 1984 first-pass radionuclide angiography via pulmonary arterial catheters. a critical analysis of background components, Dymond DS; Grenier RP; Carpenter J; Schmidt DH, (Radiology), 150: 819, 1984 gallium-67 lung uptake: conjugate-view technique, Grossman LW; Fernandez-Ulloa M; Lukes SJ; Mantil J, (Radiology), 157: 789, 1985

157: 789, 1985

gamma camera energy windows for Tc-99m bone scintigraphy: effect of asymmetry on contrast resolution. work in progress, Collier BD; Palmer DW; Knobel J; Isitman AT; Hellman RS; Zielonka JS, (Radiology), 151: 495, 1984

immunoreactivity assay for labeled anti-melanoma monoclonal antibodies, Beaumier PL; Neuzil D; Yang HM; et al, (J Nucl Med), 27: 824, 1986

new osmium-191/iridium-191m radionuclide generator system using activated carbon, Brihaye C; Butler TA; Knapp FF Jr; et al, (J Nucl Med), 27: 380, 1986

new perspectives in localizing enlarged parathyroids by technetium-thallium subtraction scan, Ferlin G; Borsato N; Camerani M; et al, (Radiology), 151: 836,

nuclear magnetic resonance and gamma camera tumor imaging using gadolinium-labeled monoclonal antibodies, Anderson-Berg WT; Strand M; Lempert TE; et al, (J Nucl Med), 27: 829, 1986

radionuclide image minification can compensate for coarse digitization: concise communication, Pitt WR; Sharp PF; Chesser RB; et al. (Radiology), 153: 283, 1984 routine synthesis of t-[18F]6-fluorodo, a with fluorine-18 acetyl hypofluorite, Adam MJ; Ruth TJ; Grierson JR; et al. (J Nucl Med), 27:

simple separator to generate half micron aqueous particles for lung imaging, Royston D; Minty BD; Houston A; et al, (Radiology), 154: 284, 1985

variation of gamma camera photographic image density with count rate, Richardson RL; Duxbury CE, (J Nucl Med), 27: 128, 1986

### Radionuclides

See also Radionuclide imaging; Therapeutic radiology

accidental Cs-137 contamination. Nishiyama H; Saenger EL; Grossman LW; Lukes SJ, (Radiology), 154: 513, 1985

application of robotics to radiopharmaceutical preparation: controlled synthesis of fluorine-18 16α-fluoroestradiol-17β, Brodack JW; Kilbourn MR; Welch MJ; et al, (J Nucl Med), 27; 714, 1986

deuterioglucose: alteration of biodistribution by an isotope effect, Gatley SJ; Wess MM; Govoni PL; et al, (J Nucl Med), 27: 388, 1986

development of a kit-form analog of metaiodobenzylguanidine, Muthiah HL; Inbasekaran MN; Wieland DM; et al, (J Nucl Med), 27: 256, 1986

Med), 27: 236, 1966 efficient stereospecific synthesis of no-carrier-added 2-[18F]-fluoro-2-deoxy-D-glucose using aminopolyether supported nucleophilic substitution, Hamacher K; Coenen HH; Stocklin G, (J Nucl Med), 27: 235, 1986

fogging of radiographs by in vivo radionuclides, Noss PJ; Herzberg DL, (AJR), 144: 847, 1985

institutional storage and disposal of radioactive materials, St. Germain J, (Semin Nucl Med), 16: 187, 1986

low-level internal radionuclide contamination: use of gamma camera for detection, Nishiyama H; Lukes SJ; Saenger EL, (Radiology), **150**: 235, 1984

management of individuals accidentally exposed to radiation or radioactive materials, Hendee WR, (Semin Nucl Med), 16: 203, 1986

no-carrier-added fluorine-18-labeled Nmethylspiroperidol: synthesis and biodistribution in mice, Shiue C-Y; Fowler JS; Wolf AP; et al, (J Nucl Med), 27: 226, 1986

nuclear oncology 1984, Larson SM; Carrasquillo JA, (Semin Nucl Med), 14: 268,

radioiodinated 15-(p-iodophenyl)-3,3-dimethylpentadecanoic acid: useful new agent to evaluate myocardial fatty acid uptake, Knapp FF Jr. Goodman MM; Callahan AP; et al, (J Nucl Med), 27: 521,

radiopharmaceuticals for cardiac imaging, Miller DD; Elmaleh DR; McKusick KA; et al, (Radiol Clin North Am), 23: 765, 1985

role of gallium-67 in the clinical evaluation of cancer, Bekerman C; Hoffer PB; Bitran JD, (Semin Nucl Med), 14: 296, 1984 routine synthesis of L-[18F]6-fluorodopa with fluorine-18 acetyl hypofluorite, Adam MJ; Ruth TJ; Grierson JR; et al, (J Nucl Med), 27: 1462, 1986

Tc-99m-galactosyl-neoglycoalbumin: in vivo characterization of receptor-mediated binding to hepatocytes, Vera DR; Krohn KA; Stadalnik RC; Scheibe PO, (Radiology), 151:

191, 1984 Tc-99m thyroid index as an easily measured parameter of Tc-99m thyroid uptake, Van de Vyver FL; Blockx PPG; Devos P; De Roo M, (Radiology), 153: 551, 1984

technetium-99m labelled bran: a new agent for measuring gastric emptying, Sagar S; Grime JS; Little W; et al, (Radiology), **150**:

transportation issues in nuclear medicine and the release of radioactivity into the environment, Westerman BR, (Semin Nucl

uptake of Tc-99m MAA by the liver during a thromboscintigram/lung scan, Marcus CS; Parker LS; Rose JG; et al, (Radiology), 150:

Radionuclides, comparative studies

comparative evaluation of technetium-99m glucoheptonate and gallium-67 citrate thoracic imaging in detection of mediastinal and hilar involvement in primary lung cancer, Taillefer R; Beauchamp G; Leveille J, (Clin Nucl Med), 11: 15, 1986

comparison as a lymphscintigraphic agent between technetium 99m dextran and between technical 99m dexiran and technical 99m antimony sulphide colloid, Juma N; Andruy T; Ege GN, (Radiology), 158: 288, 1986

comparison of iodine-131 OIH and technetium-99m MAG, renal imaging in volunteers, Taylor A Jr; Eshima D; Fritzberg AR; et al, (J Nucl Med), 27: 795,

detection of diffuse glomerular lesions in rats: I. comparisons of conventional radioactive agents, McAfee JG; Thomas FD; Subramanian G; et al, (J Nucl Med), 27: 502,

detection of diffuse glomerular lesions in rats:
II. comparison of indium-111 cationic small
macromolecules with technetium-99m
DTPA, McAfee JG; Thomas FD; Subramanian G; et al, (J Nucl Med), 27: 513,

iodine-123-4-amino-3-iodobenzylguanidine, a new sympathoadrenal imaging agent: comparison with iodine-123 metaiodobenzylguanidine, Shulkin BL; Shapiro B; Tobes MC; et al, (J Nucl Med), 27: 1138, 1986

Kr-81m ventilation imaging: clinical utility in suspected pulmonary embolism, Rosen JM; Biello DR; Siegel BA; Seldin DW; Alderson PO, (Radiology), 154: 787, 1985

Addreson P.O. (Radiology), 1542-767, 1592-867,

technetium-99m MDP vs technetium-99m dicarboxypropane diphosphonate: clinical comparison in various pathologic conditions, Godart G; Durez M; Bevilacqua M; et al, (Clin Nucl Med), 11: 92,

Radionuclides, complications

anaphylactic reaction to orthoiodohippurate, Stockel M; Ennow K; Kristensen K; et al, (Radiology), **150**: 617, 1984

(Radiology), 150: 617, 1796 severe systemic reaction to diphosphonate bone imaging agents: skin testing to predict allergic response and a safe alternative agent, Ramos-Gabatin A; Orzel JA; Maloney TR; et al, (J Nucl Med), 27: 1432, 1986

Radionuclides, therapeutic

diagnosis and treatment of neoplasms with radionuclide-labeled antibodies, DeLand FH; Goldenberg DM, (Semin Nucl Med), 15: 2, 1985

iodine-131-labeled diphosphonates for palliative treatment of bone metastases: II parlianter treatment of both includes is in preliminary clinical results with iodine-131 BDP3, Eisenhut M; Berberich R; Kimmig B; et al, (J Nucl Med), 27: 1255, 1986

radioactive patient, St. Germain J, (Semin Nucl Med), 16: 179, 1986

radioiodine treatment of metastastic thyroid carcinoma: the Royal Marsden Hospital experience, Brown AP; Greening WP; McCready VR; et al, (Radiology), 153: 862, 1984

radio-iodobenzylguanidine for the scintigraphic location and therapy of adrenergic tumors, McEwan AJ; Shapiro B; Sisson JC; et al, (Semin Nucl Med), 15: 132,

radiopharmaceutical treatment of malignant pheochromocytoma, Sisson JC; Shapiro B; Beierwaltes WH; et al, (Radiology), 153: 861,

update on therapeutic uses of radiotracers in neoplastic disease, Spencer RP, (Semin Nucl Med), 15: 21, 1985

use of I-131 labeled, murine Fab against a high se of 1-13 labeled, murine Fab against a right molecular weight antigen of human melanoma: preliminary experience, Larson SM; Carrasquillo JA; McGuffin RW; Krohn KA; Ferens JM; Hill LD; Beaumier PL; Reynolds JC; Hellstrom KE; Hellstrom I, (Radiology), 155: 487, 1985

Radiopharmaceuticals

See Radionuclides

### Radiosensitivity

- analogues of RSU-1069: radiosensitization and toxicity in vitro and in vivo, Ahmed I; Jenkins TC; Walling JM; et al, (Int J Radiat Oncol Biol Phys), 12: 1079, 1986
- binding of <sup>3</sup>H-misonidazole to solid human tumors as a measure of tumor hypoxia, Urtasun RC; Chapman JD; Raleigh JA; et al, (Int J Radiat Oncol Biol Phys), **12**: 1263, 1986
- cellular growth and metabolic adaptations to nutrient stress environments in tumor microregions, Sutherland R; Freyer J; Mueller-Klieser W; et al, (Int J Radiat Oncol Biol Phys), 12: 611, 1986
- combined radiation-protective and radiationsensitizing agents III: radiosensitization by misonidazole as a function of concentrations of endogenous glutathione or exogenous thiols, Koch CJ; Stobbe CC; Baer KA, (Int J Radiat Oncol Biol Phys), 12: 1151, 1986
- comparison of the heat and radiation sensitivity of rodent and human derived cells cultured in vitro, Roizin-Towle L; Pirro JP; McDowell J, (Int J Radiat Oncol Biol Phys), 12: 647, 1986
- comparison of tumor and normal tissue levels of acidic, basic and neutral 2-nitroimidazole radiosensitizers in mice, Minchinton AI; Stratford MRL, (Int J Radiat Oncol Biol Phys), 12: 1117, 1986
- concentrations achieved in human tumors after administration of misonidazole, SR-2508 and RO 03-8799, Dische S; Saunders MI; Dunphy EP; et al, (Int J Radiat Oncol Biol Phys), 12: 1109, 1986
- distribution of radiation sensitivities for human tumor cells of specific histological types: comparison of *in vitro* to *in vivo* data, Malaise EP; Fertil B; Chavaudra N; et al, (Int J Radiat Oncol Biol Phys), 12: 617, 1986
- effect of L-buthionine sulfoximine on the aerobic radiation response of A549 human lung carcinoma cells, Biaglow JE; Varnes ME; Tuttle SW; et al. (Int J Radiat Oncol Biol Phys), 12: 1139, 1986
- effect of misonidazole dose on survival in patients with stage IIIB-IVA squamous cell carcinoma of the uterine cervix: RTOG randomized trial, Bauer M; Leibel S; Wasserman T; et al, (Int J Radiat Oncol Biol Phys), 12: 1101, 1982
- effect of radiation-induced reduction of nitroimidazoles on biologically active DNA, Lafleur MVM; Pluijmackers-Westmijze EJ; Loman H, (Int J Radiat Oncol Biol Phys), 12: 1211, 1986
- effect of the radiosensitizer misonidazole and the radioprotector diethyldithiocarbamate on spontaneous metastasis formation of murine tumors, Milas L; Hunter N; Basic I; et al. (Int J Radiat Oncol Biol Phys), 12: 1071, 1986
- effects of glutathione depletion by buthionine sulfoximine on the sensitivity of EMT6/SF cells to chemotherapy agents or x radiation, Shrieve DC; Harris JW, (Int J Radiat Oncol Biol Phys), 12: 1171, 1986
- enhancement in the aerobic toxicity of misonidazole and SR-2508 by buthionine sulfoximine and 4-hydroxypyrazole: role of hydrogen peroxide, Tuttle SW; Biaglow JE; Varnes ME; et al. (Int ) Radiat Oncol Biol Phys), 12: 1161, 1986
- experimental pharmacokinetics of RSU-1069 and its analogues: high tumor/plasma ratios, Deacon JM; Holliday SB; Ahmed I; et al, (Int J Radiat Oncol Biol Phys), 12: 1087, 1986
- facing fearful odds—conference summary, Hall EJ, (Int J Radiat Oncol Biol Phys), **12**: 1023, 1986
- glutathione-reactive nitro compounds as radiosensitizers: mechanistic and therapeutic implications, Watts ME; Dennis MF; Stratford MRL; et al, (Int J Radiat Oncol Biol Phys), 12: 1135, 1986
- hypoxia mediated binding of misonidazole in non-malignant tissue, Rasey JS; Hoffman JM; Spence AM; et al., (Int J Radiat Oncol Biol Phys), 12: 1255, 1986
- in vitro binding of <sup>14</sup>C-misonidazole to hepatocytes and hepatoma cells, Van Os-Corby DJ; Chapman JD, (Int J Radiat Oncol Biol Phys), **12**: 1251, 1986

- misonidazole and other hypoxia markers: metabolism and applications, Franko AJ, (Int J Radiat Oncol Biol Phys), 12: 1195, 1986
- misonidazole retention by normal tissues: distinction between label on the ring and side chain, Franko AJ; Garrecht BM, (Int J Radiat Oncol Biol Phys), 12: 1259, 1986
- modulation of x ray DNA damage by SR-2508 ± buthionine sulfoximine, Kinsella TJ; Dobson PP; Russo A; et al, (Int J Radiat Oncol Biol Phys), 12: 1127, 1986
- new ruthenium radiosensitizer: RuCl<sub>2</sub>(DMSO)<sub>2</sub>(4-nitroimidazole)<sub>2</sub>, Chan PKL; Skov KA; James BR; et al. (Int J Radiat Oncol Biol Phys), **12**: 1059, 1986
- oxygen concentration and the OER for acutely or chronically thiol deficient cells, Astor MB, (Int J Radiat Oncol Biol Phys), 12: 1131.1986
- oxygen depletion in irradiated aqueous solutions containing electron affinic hypoxic cell radiosensitizers, Michaels HB, (Int J Radiat Oncol Biol Phys), 12: 1055, 1986
- phase I study of the combination of two hypoxic cell radiosensitizers, Ro 03-8799 and SR-2508: toxicity and pharmacokinetics, Newman HFV; Bleehen NM; Workman P, (Int J Radiat Oncol Biol Phys), 12: 1113, 1986
- Phase I study of the combined hypoxic cell radiosensitisers, Ro 03-8799 and SR 2508: preliminary ryport of single-dose toxicity, pharmacokinetics and tumour concentrations, Newman HFV; Bleehen NM; Workman P, (Br J Radiol), 59: 423, 1986
- phase I trial of the hypoxic cell radiosensitizer SR-2508: results of the five to six week drug schedule, Coleman CN; Wasserman TH; Urtasun RC; et al. (Int J Radiat Oncol Biol Phys), 12: 1105, 1986
- phosphate-group of DNA as a potential target for RSU-1069, a nitroimidazole-aziridine radiosensitizer, Silver ARI; O'Neill P; Jenkins TC; et al. (Int J Radiat Oncol Biol Phys), 12: 1203, 1986
- potential for increasing the differential response between tumors and normal tissues: can proliferation rate be used?, Fowler JF, (Int J Radiat Oncol Biol Phys), 12: 641, 1986
- potential methods for predicting tumor radiocurability, Peters LJ; Brock WA; Johnson T; et al, (Int J Radiat Oncol Biol Phys), 12: 459, 1986
- predicting late normal tissue responses, Withers HR, (Int J Radiat Oncol Biol Phys), 12: 693, 1986
- radioresistant and repair proficient cells may determine radiocurability inhuman tumors Weichselbaum RR, (Int J Radiat Oncol Biol Phys), 12: 637, 1986
- radiosensitization in vitro and in vivo by 3nitrotriazoles, Shibamoto Y; Sakano K; Kimura R; et al, (Int J Radiat Oncol Biol Phys), 12: 1063, 1986
- radiosensitization of hypoxic cells at low doses, Skarsgard LD; Harrison I; Durand RE; et al, (Int J Radiat Oncol Biol Phys), 12: 1075, 1986
- radiosensitizing and toxic effects of RSU-1069 on hypoxic cells in a murine tumor, Chaplin DJ; Durand RE; Stratford JJ; et al, (Int J Radiat Oncol Biol Phys), 12: 1091, 1986
- relationship of SR-2508 sensitizer enhancement ratio to cellular glutathione levels in human tumor cell lines, Mitchell JB; Phillips Tt; DeGraff W; et al, (Int J Radiat Oncol Biol Phys), 12: 1143, 1986
- response of cells of human origin, normal and malignant, to acute and low dose rate irradiation, Hall EJ; Marchese MJ; Astor MB; et al, (Int.) F adiat Oncol Biol Phys), 12: 655, 1986
- sensitization by SR-2508 plus Ro 03-8799, Stone HB; Luu YH; Lam KN, (Int J Radiat Oncol Biol Phys), 12: 1097, 1986
- sensitizers and radiation dose fractionation: results and interpretations, Hill RP, (Int J Radiat Oncol Biol Phys), 12: 1049, 1986
- specificity of endogenous glutathione in determining the oxygen enhancement of cellular radiosensitivity, Edgren MR; Solen G; Revesz L, (Int J Radiat Oncol Biol Phys), 12: 1147, 1986

- stable reduction product of misonidazole, Panicucci R; McClelland RA; Rauth AM, (Int J Radiat Oncol Biol Phys), 12: 1227, 1986
- studies of the toxicity of RSU-1069, Whitmore GF; Gulyas S, (Int J Radiat Oncol Biol Phys), 12: 1219, 1986
- studies on the mechanisms of the radiosensitizing and cytotoxic properties of RSU-1069 and its analogues, Walling JM; Stratford IJ; Adams CE; et al, (Int J Radiat Oncol Biol Phys), 12: 1083, 1986
- thiol-induced biochemical modification of chemo- and radioresponses, Clark EP, (Int J Radiat Oncol Biol Phys), 12: 1121, 1986
- toxic effects of extended glutathione depletion by buthionine sulfoximine on murine mammary carcinoma cells, Dethlefsen LA; Biaglow JE; Peck VM, et al. (Int J Radiat Oncol Biol Phys), 12: 1157, 1986
- tumor oxygenation and reoxygenation during radiation therapy: their importance in predicting tumor response, Kallman RF; Dorie MJ, (Int J Radiat Oncol Biol Phys), 12: 681, 1986
- tumor radioresponsiveness versus fractionation sensitivity, Thames HD; Suit HD, (Int J Radiat Oncol Biol Phys), **12**: 687, 1986

### Radium

case report 361, Milgram JW; Jasty M, (Skeletal Radiol), 15: 258, 1986

### Radine

- medial dislocation of the radial head following breech delivery: a case report and review of the literature, Bayne O; Rang M, (Radiology), 155: 277, 1985
- radiologic aspects of the Galeazzi lesion, De Carvalho A; Moller JT; Vestergard-Andersen T, (Radiology), 155: 272, 1985

### Raeder syndrome

carotid body tumor associated with partial Horner's syndrome and facial pain (Raeder's syndrome), Harrington HJ; Mayman CI, (Radiology), 151: 824, 1984

### Para carthe

See Radiography, technology

### Raynaud disease

occlusive digital artery disease in patients with Raynaud's phenomenon, Zweifler AJ; Trinkaus P, (Radiology), **156**: 269, 1985

# Receiver operating characteristic curve (ROC)

- construction of receiver operating characteristic curves when disease verification is subject to selection bias, Gray R; Begg CB; Greenes RA, (Radiology), 155: 864, 1985
- digital and conventional chest images: observer performance with film digital radiography system, Goodman LR; Foley WD: Wilson CR; Rimm AA; Lawson TL, (Radiology), 158: 27, 1986
- digital and conventional chest imaging: modified ROC study of observer performance using simulated nodules, Chakraborty DP; Breatnach ES; Yester MV; Soto B: Barnes GT; Fraser RG, (Radiology), 158: 35, 1986
- digital projection radiography of the chest, Kundel HL, (Radiology), 158: 274, 1986
- digital radiography of subtle pulmonary abnormalities: ROC study of the effect of pixel size on observer performance, MacMahon H, Vyborny CJ; Metz CE; Doi K; Sabeti V; Solomon SL, (Radiology), 158: 21, 1986
- gated cardiac blood-pool studies: use of digital filters, Miller TR; Goldman KJ; Epstein DM; Biello DR; Sampathkumaran KS; Kumar B; Siegel BA, (Radiology), **152**: 795, 1984
- liver size evaluated by ultrasound: ROC curves for hepatitis and alcoholism, Niederau C; Sonnenberg A, (Radiology), 153: 503, 1984
- ROC and contrast detail image evaluation tests compared, Kelsey CA; Moseley RD Jr; Carcia JF; Mettler FA Jr; Parker TW; Juhl JH, (Radiology), 154: 629, 1985
- ROC methodology in radiologic imaging, Metz CE, (Invest Radiol), 21: 720, 1986
- spatial resolution requirements for digital chest radiographs: ROC study of observer performance in selected cases, Lams PM; Cocklin ML, (Radiology), 158: 11, 1986

statistical approaches to the analysis of receiver operating characteristic (ROC) curves, McNeil Bj; Hanley JA, (Radiology), 155: 864, 1985

### Rectum

effect of painless rectal distention on gastrointestinal transit of solid meal, Youle MS; Read NW, (Radiology), 155: 850,

severe rectal injury following radiation for prostatic cancer, Green N; Goldberg H; Goldman H; et al, (Radiology), 153: 862, 1984

### Rectum, abnormalities

anal agenesis with recto-bulbar fistula, Gupta AK; Bhargava S; Rohtagi M, (Pediatr Radiol), 16: 222, 1986

congenital anorectal malformations. harbingers of sacrococcygeal teratomas, Moazam F; Talbert JL, (Radiology), 157: 853,

defecography, Ekberg O; Nylander G; Fork F-T, (Radiology), 155: 45, 1985

magnetic resonance of congenital anorectal malformations, Pomeranz SJ; Altman N; Sheldon JJ; et al, (Magn Res Imag), 4: 69,

perirectal inflammatory disease: CT findings, Guillaumin E; Jeffrey RB Jr; Shea WJ; Asling CW; Goldberg HI, (Radiology), 161: 153, 1986

### Rectum, abscess

CT findings in rectal cuff abscess following surgery for Hirschsprung disease, Donaldson JS; Gilsanz V, (JCAT), 10: 151,

### Rectum, biopsy

clinical application of in vitro studies for barium-enema examination following colorectal biopsy, Harned RK; Williams SM; Maglinte DDT; Hayes JM; Paustian FF; Consigny PM, (Radiology), 154: 319, 1985

rectal biopsy as a cause of rectal ulceration, Millward SF; Chapman A; Somers S; Stevenson GW, (Radiology), **156**: 42, 1985

### Rectum, CT

congenital anorectal anomaly: CT evaluation, Kohda E; Fujioka M; Ikawa H; Yokoyama J, (Radiology), **157**: 349, 1985

CT diagnosis of villous adenoma, Coscina WF; Arger PH; Herlinger H; et al, (JCAT), **10**: 764, 1986

764, 1986
CT of rectal cancer: its accuracy and effect on patient management, van Waes PFGM; Koehler PR; Feldberg MAM, (Radiographics), 4: 801, 1984 detection of recurrent rectosigmoid carcinoma: prospective evaluation of CT and clinical factors, McCarthy SM; Barnes D; Deveney K; et al. (AJR), 144: 577, 1985

perirectal inflammatory disease: CT findings, Guillaumin E; Jeffrey RB Jr; Shea WJ; Asling CW; Goldberg HI, (Radiology), 161: 153, 1986

retrorectal cyst-hamartomas: CT diagnosis, Ottery FD; Carlson RA; Gould H; et al, (JCAT), 10: 260, 1986

use of computerized tomography scan in the staging and follow-up study of carcinoma of the rectum, Clark J; Bankoff M; Carter B; et al. (Radiology), 155: 860, 1985

### Rectum, cysts

CT guided percutaneous decompression of a rectal duplication cyst in a child, Ramsewak W; Millward SF; Toi A; et al, (J Canad Assoc Radiol), 37: 46, 1986

# Rectum, hemorrhage

infra-diaphragmatic total anomalous pulmonary venous drainage presenting with rectal bleeding, Elias-Jones AC; Cordner SV, (Radiology), **151**: 822, 1984

## Rectum, MR studies

magnetic resonance of congenital anorectal malformations, Pomeranz SJ; Altman N; Sheldon JJ; et al, (Magn Res Imag), 4: 69,

## Rectum, neoplasms

(Buschke-Loewenstein tumor): CT and radiographic manifestations, Balthazar EJ; Streiter M; Megibow AJ, (Radiology), 150: 651, 1984

CT diagnosis of villous adenoma, Coscina WF; Arger PH; Herlinger H; et al, (JCAT), **10**: 764, 1986

CT of rectal cancer: its accuracy and effect on patient management, van Waes PFGM; Koehler PR; Feldberg MAM, (Radiographics), 4: 801, 1984

design and thermometry of an intracavitary microwave applicator suitable for treatme of some vaginal and rectal cancers, Li D; Luk KH; Jiang HB; et al, (Radiology), 157: 576, 1985

detection of recurrent rectosigmoid carcinoma: prospective evaluation of CT and clinical factors, McCarthy SM; Barnes D; Deveney K; et al, (AJR), 144: 577, 1985

evolution of colorectal carcinoma, Morson BC, (Radiology), 156: 266, 1985

late ovarian metastases in carcinoma of the colon and rectum, Morrow M; Enker WE, (Radiology), 156: 267, 1985

lateral distant view for improved accuracy in locating rectal tumors, Waneck R; Lechner G; Jantsch H; et al, (AJR), 142: 519,

local recurrence after sphincter-saving resection for rectal and rectosigmoid carcinoma: value of various diagnostic methods, Grabbe E; Winkler R, (Radiology), 155: 305, 1985

perineal effects of postoperative treatment for adenocarcinoma of the rectum, Thomas PRM; Stablein DM; Kinzie JJ; et al, (Int J Radiat Oncol Biol Phys), 12: 167, 1986

preoperative and postoperative CT staging of rectosigmoid carcinoma, Thompson WM; Halvorsen RA Jr; Foster WL Jr; et al, (AJR), 146: 703, 1986

preoperative irradiation of primarily nonresectable adenocarcinoma of the rectum and rectosigmoid, Pahlman L; Glimelius B; Ginman C; et al, (Radiology), 158: 575, 1986

preoperative staging of rectal cancer with computerized tomography. accuracy, efficacy, and effect on patient management, Koehler PR; Feldberg MAM; van Waes PFGM, (Radiology), 155: 284, 1985

presacral masses after abdominoperineal resection for colorectal carcinoma: need for needle biopsy, Butch RJ; Wittenberg J; Mueller PR; et al. (AJR), 144: 309, 1985

rate of growth of intraabdominal metastases from colorectal cancer, Havelaar IJ; Sugarbaker PH; Vermess M; et al, (Radiology), **154**: 859, 1985

reassessing the role of radiology in Hemoccult screening, Feczko PJ; Halpert RD, (AJR), 146: 697, 1986

rectal lymphoma in homosexual men, Burkes RL; Meyer PR; Gill PS; et al, (Radiology), 161: 284, 1986

responsibility of radiologists in the preservation of breast and rectum in cancer treatment, Papillon J, (Clin Radiol), 37: 303,

retrorectal cyst-hamartomas: CT diagnosis, Ottery FD; Carlson RA; Gould H; et al, (JCAT), **10**: 260, 1986

sphincter preservation in patients with low rectal cancer treated with radiation therapy with or without local excision or fulguration, Rich TA; Weiss DR; Mies C; Fitzgerald TJ; Chaffey JT, (Radiology), 156: 527, 1985

staging rectal cancer by MR and CT, Butch RJ; Stark DD; Wittenberg J; et al, (AJR), 146: 1155, 1986

transrectal US as an adjunct in the diagnosis of rectal and extrarectal tumors, Rifkin MD; Marks GJ, (Radiology), 157: 499, 1985

use of computerized tomography scan in the staging and follow-up study of carcinoma of the rectum, Clark J; Bankoff M; Carter B; et al, (Radiology), 155: 860, 1985

# Rectum, polyps

See Rectum, neoplasms

## Rectum, radiography

defaecography, description of a new method and its contribution in diagnosis, Mahieu P, (Radiology), 153: 268, 1984

defecography, Ekberg O; Nylander G; Fork F-T, (Radiology), **155**: 45, 1985

internal intussusception of the rectum-diagnosis and surgical management, Hoffman MJ; Kodner IJ; Fry RD, (Radiology), **154**: 847, 1985

lateral distant view for improved accuracy in locating rectal tumors, Waneck R; Lechner G; Jantsch H; et al, (AJR), 142: 519,

### Rectum, radionuclide studies

scintigraphic assessment of neorectal motor function, O'Connell PR; Kelly KA; Brown ML, (J Nucl Med), 27: 460, 1986

### Rectum, surgery

congenital anorectal anomaly: CT evaluation, Kohda E; Fujioka M; Ikawa H; Yokoyama J, (Radiology), **157**: 349, 1985

patterns of recurrence in adenocarcinoma of the rectum and rectosigmoid treated with surgery alone: implications in treatment planning with adjuvant radiation therapy, Mendenhall WM; Million RR; Pfaff WW, (Radiology), 154: 572, 1985

### Rectum, therapeutic radiology

combined irradiation and three-drug chemotherapy in inoperable colorectal carcinoma, Von Der Maase H; Magnusson Sveninsson T, (Radiology), 150: 871, 1984

early effects of preoperative irradiation upon the cell cycle composition in rectal adenocarcinomas: flow-cytometric DNA investigation, Hammarberg C; Tribukait B; Ohman U, (Acta Radiol [Oncol]), 25: 45, 1986

endocavitary contact x-ray applicator system for the treatment of rectal carcinoma, Bramlet R; Tobochnik N; Sischy B, (Radiology), 156: 864, 1985

Gordon Richards Memorial Lecture 1983: radiotherapy and proctology, Papillon J, (Radiology), 155: 560, 1985

patterns of recurrence in adenocarcinoma of the rectum and rectosigmoid treated with surgery alone: implications in treatment planning with adjuvant radiation therapy, Mendenhall WM; Million RR; Pfaff WW, (Radiology), 154: 572, 1985

perineal effects of postoperative treatment for adenocarcinoma of the rectum, Thomas PRM; Stablein DM; Kinzie JJ; et al, (Int J Radiat Oncol Biol Phys), 12: 167, 1986

preoperative irradiation of primarily nonresectable adenocarcinoma of the rectum and rectosigmoid, Pahlman L; Glimelius B; Ginman C; et al, (Radiology), 158: 575, 1986

preoperative irradiation with high-dose fractionation in adenocarcinoma of the rectum and rectosigmoid, Glimelius B; Graffman S; Pahlman L; et al, (Radiology), 150: 871, 1984

sphincter preservation in patients with low rectal cancer treated with radiation therapy with or without local excision or fulguration, Rich TA; Weiss DR; Mies C; Fitzgerald TJ; Chaffey JT, (Radiology), 156:

### Rectum, ulcer

clinical spectrum of "solitary ulcer" of the rectum, Ford MJ; Anderson JR; Gilmour HM; et al, (Radiology), 151: 259,

rectal biopsy as a cause of rectal ulceration, Millward SF; Chapman A; Somers S; Stevenson GW, (Radiology), 156: 42, 1985

solitary rectal ulcer syndrome: radiologic diagnosis?, Levine MS; Piccolello ML; Sollenberger LC; et al, (Gastrointest Radiol), 11: 187, 1986

## Rectum, US studies

real-time ultrasonography of the pelvis as an adjunct to the digital examination, Bluth EI; Ferrari BT; Sullivan MA, (Radiology), 153:

sonographic appearance of fecal masses, Derchi LE; Musante F; Biggi E; et al, (J Ultrasound Med), 4: 573, 1985

## Red blood cells

effect of contrast media on red cell filtrability and morphology, Dawson P; Harrison JJG; Weisblatt E, (Radiology), 152: 252, 1984

effect of methemoglobin formation on the MR appearance of subarachnoid hemorrhage, Bradley WG Jr; Schmidt PG, (Radiology), 156: 99, 1985

enhancement of red blood cell proton relaxation with chromium labeling, Eisenberg AD; Conturo TE; Mitchell MR; et al. (Invest Radiol), 21: 137,

lack of effect of pulsed ultrasound on ABO antigens of human erythrocytes in vitro, Miller DL; Lamore BJ; Boraker DK, (Ultrasound Med Biol), 12: 209, 1986

### Red blood cells, radionuclide studies

- glucagon in the scintigraphic diagnosis of small-bowel hemorrhage by Tc-99m-labeled red blood cells, Froelich JW; Juni J, (Radiology), 151: 239, 1984
- measurement of splenic function with heat-damaged RBCs: effect of heating conditions, Valk PE; Guille J, (Radiology), 157: 288, 1985
- patients with hemoptysis examined by Tc-99m sulfur colloid and Tc-99m-labeled red blood cells: a preliminary appraisal, Winzelberg GG; Wholey MH; Jarmolowski CA; Sachs M; Weinberg JH, (Radiology), **153**: 523, 1984
- pitfalls of gastrointestinal bleeding studies with <sup>99m</sup>Tc-labeled RBCs, Lecklitner ML; Hughes JJ, (Semin Nucl Med), **16**: 151, 1986
- pitfall to modified in vivo method of technetium-99m red blood cell labeling. iodinated contrast media, Tatum JL; Burke TS; Hirsch JI; et al, (Radiology), **153**:
- pseudoaneurysm detection with Tc-99mlabeled red blood cells, Ertzner TW; Powers TA, (Radiology), **154**: 507, 1985
- radionuclide-labeled red blood cells: current status and future prospects, Srivastava SC; Chervu LR, (Semin Nucl Med), 14: 68, 1984
- technetium-99m-labeled red blood cell imaging, Front D; Israel O; Groshar D; et al, (Semin Nucl Med), 14: 226, 1984

### Renal angiography

- See also Kidney; Renal arteries; Renal veins
- analysis of parenchymal opacification by digital angiography, Feltrin GP, (Radiology), 157: 849, 1985
- arterial digital angiography in the evaluation of potential renal donors, Petty W; Spigos DG; Abejo R; et al, (Invest Radiol), **21**: 122, 1986
- comparative microangiographic studies of glycerol- and mercuric chloride-induced renal failure in rats, Clark RL; Hillman BH; Tracey P; et al, (Radiology), 153: 847, 1984
- computer processed fluoroscopic images for digital intravenous renal angiography, Strauss LG; Busch HP; Prager P; et al, (Eur J Radiol), 6: 78, 1986
- digital radiology of the kidney, Hillman BJ, (Radiol Clin North Am), 23: 211, 1985
- digital subtraction angiography in the diagnosis of arterial complications after renal transplantation, Rath M: Castro L; Schuler M; et al, (Radiology), **154**: 559, 1985
- digital subtraction arteriography in the diagnosis of renovascular hypertension, Campbell DR; Mason WF; Flemming BK; et al, (Radiology), 153: 271,
- experimental studies of renal blood flow by digitized functional angiography, Bursch JH; Ochs C; Hahne HJ; et al, (Radiology), **158**: 574, 1986
- fibromuscular dysplasia, a pitfall in intravenous digital subtraction angiography, Busch HP; Strass LG; Hoevels J; et al, (Radiology), **153**: 271, 1984
- interventional angiography of the renal fossa, Eckstein MR, Waltman AC; Athanasoulis CA, (Radiol Clin North Am), 22: 381, 1984
- intraarterial digital subtraction angiography in hypertensive azotemic patients, Illescas FF; Ford KK; Braun SD; et al, (AJR), 143: 1065,
- intraarterial digital subtraction angiography of renal transplants, Roeren T; Hauenstein K; Dinkel E; et al, (Urol Radiol), 8: 77, 1986
- nephrotoxicity of contrast media assessed by occlusion arteriography, Lund G; Rysavy JA; Salomonowitz E; Cragg AH; Vlodaver Z; Bendel W; Castaneda-Zuniga WR; Amplatz K, (Radiology), 152: 615, 1984
- nephrotoxicity of ionic and non-ionic contrast material in digital vascular imaging and selective renal arteriography, Khoury GA; Hopper JC; Varghese Z; et al, (Radiology), 152: 251, 1984
- percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, (Radiology), 150: 369, 1984

- prostaglandin levels in human renal venous blood during renal arteriography, Paajanen H; Satokari K; Uotila P; et al, (Eur J Radiol), 6: 132, 1986
- renal angiography with iohexol and metrizoate, Tornquist C; Holtas S, (Radiology), **150**: 331, 1984
- renal artery digital subtraction angiography: outpatient investigation for renovascular hypertension, Jackson B; Dugdale L, (Radiology), 157: 564, 1985
- renal artery occlusion in PAN, Templeton PA; Pais SO, (Radiology), 156: 308, 1985
- renal artery stenosis: evaluation with intravenous digital subtraction angiography, Wilms GE; Baert AL; Staessen JA; Amery AK, (Radiology), 160: 713, 1986
- renal trauma: radiological studies, Saibil EA, (Radiology), 158: 563, 1986
- renal trauma: radiological studies, Kotval PS; Weingarten M, (Radiology), 158: 563, 1986 renal trauma: radiological studies: comparison of urography, computed tomography, angiography, and radionuclide studies, Lang EK, Sullivan J; Frentz G, (Radiology), 154: 1, 1985
- renal trauma: radiological studies: reply, Lang EK, (Radiology), 158: 564, 1986 egmental renal venous catheterization: technical note, Zalev AH, (J Canad Assoc Radiol), 37: 100, 1986
- transient reduction in renal function following arteriography: a radionuclide study, Gates GF; Green GS, (Radiology), 150: 870, 1984
- value of intravenous arterio-nephro-urotomography in evaluating renal trauma, Fays J. Claudon M, Bernard C; et al, (Radiology), **152**: 551, 1984
- venous digital subtraction angiography in the evaluation of renovascular hypertension, Pistolesi GF; Maso R; Filosto L; et al, (Radiology), **158**: 574, 1986

### Renal arteries

- See also Kidney; Renal angiography extrarenal arterial connections of the normal renal artery, Wilkins RA; Sandin B; Price A; et al, (Cardiovasc Intervent Radiol), 9: 119, 1986
- of: 117, 1760 intermittent hydronephrosis: unique feature of ureteropelvic junction obstruction caused by a crossing renal vessel, Hoffer FA; Lebowitz RL, (Radiology), 156: 655, 1985
- intermittent hydronephrosis: unique feature of ureteropelvic junction obstruction caused by a crossing renal vessel, Evison G, (Radiology), 159: 283, 1986
- peripheral renal vascular disease in essential hypertension: hemodynamic, angiographic, and endocrine assessment, Arlart IP; Rosenthal J, (Radiology), 155: 850, 1985
- single renal artery aneurysm measuring 10 cm. in diameter, Radwine LS; Winders RE, (Radiology), 152: 844, 1984

### Renal arteries, abnormalities

unusual congenital abnormality of the renal artery: left renal artery arising from the right renal artery, Konya A, (Radiology), 158: 574, 1986

## Renal arteries, embolism

### See Embolism, renal Renal arteries, fibrodysplasia

- angiographic density averaging in a case of renal artery intimal fibroplasia and recanalized thrombus, Long SI; Falgout HJ,
- (Radiology), 156: 856, 1985
- fibromuscular dysplasia, a pitfall in intravenous digital subtraction angiography, Busch HP; Strass LG; Hoevels J; et al. (Radiology), **153**: 271, 1984
- percutaneous transluminal angioplasty of the renal artery: results and long-term follow-up, Tegtmeyer CJ; Kellum CD; Ayers CR, (Radiology), 153: 77, 1984

## Renal arteries, injuries

- delayed rupture of renal artery after renal percutaneous transluminal angioplasty, Puijlaert CBAJ; Mali WPTM; Rosenbusch G; van Straalen AM; Klinge J; Feldberg MAM, (Radiology), 159: 635, 1986
- renal arterial injury associated with percutaneous nephrostomy, Harris RD; Walther PC, (Radiology), **153**: 272, 1984
- retrograde opacification of the renal vein: CT sign of renal artery avulsion, Cates JD; Foley WD; Lawson TL, (Urol Radiol), 8: 92,

### Renal arteries, occlusion

See Renal arteries, stenosis

### Renal arteries, rupture

renal arterial rupture secondary to percutaneous transluminal angioplasty treated without surgical intervention, Dixon GD; Anderson S; Crouch TT, (Cardiovasc Intervent Radiol), 9: 83, 1986

### Renal arteries, stenosis

- digital subtraction angiography in the diagnosis of arterial complications after renal transplantation, Rath M; Castro L; Schuler M; et al, (Radiology), **154**: 559, 1985
- intimal fibromuscular dysplasia and Takayasu arteritis: delayed response to percutaneous transluminal renal angioplasty, Srur MF; Sos TA; Saddekni S; Cohn DJ; Rozenblit G; Wetter EB, (Radiology), 157: 657, 1985
- intraarterial digital subtraction angiography in hypertensive azotemic patients, Illescas FF; Ford KK; Braun SD; et al, (AJR), 143: 1065,
- low dose thrombolysis: a nonoperative approach to renal artery occlusion, Cronan JJ; Dorfman GS, (Radiology), **152**: 552, 1984
- new deflector handle for catheter exchange, Hawkins IF Jr; Hawkins MC, (Radiology), 152: 227, 1984
- optimizing work-up of adult hypertensive patients for renal artery stenosis: observations about hypertensive urography, digital subtraction arteriography, and patient selection, Thornbury JR; Stanley JC; Fryback DG, (Radiol Clin North Am), 22: 333, 1984
- percutaneous angioplasty in clinical management of renovascular hypertension: initial and long-term results, Martin LG; Price RB; Casarella WJ; Sones PJ; Wells JO Jr; Zellmer RA; Chuang VP; Silbiger ML Jr; Berkman WA, (Radiology), 155: 629, 1985
- percutaneous transluminal angioplasty for pediatric renovascular hypertension, Stanley P; Hieshima G; Mehringer M, (Radiology), 153: 101, 1984
- percutaneous transluminal angioplasty of renal transplant arterial stenoses, Raynaud A; Bedrossian J; Remy P; et al, (AJR), 146: 853, 1986
- percutaneous transluminal angioplasty of the renal artery: results and long-term follow-up, Tegtmeyer CJ; Kellum CD; Ayers CR, (Radiology), 153: 77, 1984
- percutaneous transluminal angioplasty of the renal arteries: double-catheter technique, Baker KS; Sawyer RW; Tisnado J; Cho S-R, (Radiology), **159**: 554, 1986
- percutaneous transluminal renal angioplasty in renovascular hypertension due to atheroma or fibromuscular dysplasia, Sos TA; Pickering TG; Sniderman KW; et al, (Radiology), 151: 547, 1984
- renal angioplasty: current status, Tegtmeyer CJ; Kofler TJ; Ayers CR, (AJR), 142: 17, 1984
- renal artery angioplasty: increased technical success and decreased complications in the second 100 patients, Martin LG; Casarella WJ; Alspaugh JP; Chuang VP, (Radiology), 159: 631, 1986
- renal artery occlusion in PAN, Templeton PA; Pais SO, (Radiology), 156: 308, 1985
- renal artery stenosis and evaluation of the effect of endoluminal dilatation: comparison of dynamic CT scanning and I-131-OIHA renogram, Probst P; Mahler F; Roesler H; et al, (Radiology), **150**: 855, 1984
- renal artery stenosis: duplex Doppler evaluation, Dubbins PA, (Br J Radiol), **59**: 225, 1986
- renal artery stenosis: evaluation with intravenous digital subtraction angiography, Wilms GE; Baert AL; Staessen JA; Amery AK, (Radiology), 160: 713, 1986
- sonographic evaluation of experimental acute renal arterial occlusion in dogs, Spies JB; Hricak H, Slemmer TM; et al, (AJR), **142**:
- split renal function after captopril in unilateral renal artery stenosis, Wenting GJ; Tan-Tjiong HL; Derkx FHM; et al, (Radiology), 153: 861, 1984
- techniques of renal angioplasty, Tegtmeyer CJ; Sos TA, (Radiology), 161: 577, 1986

## Renal arteries, therapeutic blockade

- chemical ablation of the canine kidney using sodium tetradecyl sulfate (Sotradecol): histopathologic study, Griffin DJ; Oke EJ; Cho KJ; et al, (Invest Radiol), 21: 217, 1986
- comparison of hot contrast material and hot omparison of not contrast material and not saline for renal ablation in a canine model, Miller DL; Bacher JD; O'Leary TJ; et al, (Invest Radiol), 21: 56, 1986
- extrarenal arterial connections of the normal renal artery, Wilkins RA; Sandin B; Price A; et al, (Cardiovasc Intervent Radiol), 9: 119, 1986
- interventional angiography of the renal fossa, Eckstein MR, Waltman AC; Athanasoulis CA, (Radiol Clin North Am), 22: 381, 1984
- management of traumatic hematuria by selective renal artery embolization, Uflacker R; Paolini RM; Lima S, (Radiology), 156: 272, 1985
- occlusion of renal arterial tumor supply with absolute ethanol. experience with 20 cases, Ekelund L; Ek A; Forsberg L; et al, (Radiology), 155: 275, 1985
- transcatheter embolization with sodium tetradecyl sulfate: experimental and clinical results, Cho KJ; Williams DM; Brady TM; Weiss CA; Forrest ME; Oke EJ; Griffin DJ, (Radiology), 153: 95, 1984
- transcatheter renal arterial embolization with the mixture of ethanol and iodized oil (Lipiodol®), Park JH; Jeon SC; Kang HS; et al, (Invest Radiol), 21: 577, 1986

### Renal arteries, thrombosis

- angiographic density averaging in a case of renal artery intimal fibroplasia and recanalized thrombus, Long SI; Falgout HJ, (Radiology), **156**: 856, 1985
- local infusion of low-dose streptokinase for renal artery thromboembolism, Gagnon RF; Horosko F; Herba MJ, (Radiology), **156**: 271,

### Renal arteries, transluminal angioplasty

- case report: renovascular hypertension use report: renovascular hypertension following radiotherapy and chemotherapy treated by transluminal angioplasty, Minton MJ; McIvor J; Cappuccio FP; et al, (Clin Radiol), 37: 399, 1986
- complications of transluminal angioplasty, Gardiner GA Jr; Meyerovitz MF; Stokes KR; Clouse ME; Harrington DP; Bettmann MA, (Radiology), **159**: 201, 1986
- delayed rupture of renal artery after renal percutaneous transluminal angioplasty, Puijlaert CBAJ; Mali WPTM; Rosenbusch G; van Straalen AM; Klinge J; Feldberg MAM, (Radiology), **159**: 635, 1986
- interventional angiography of the renal fossa, Eckstein MR; Waltman AC; Athanasoulis CA, (Radiol Clin North Am),
- intimal fibromuscular dysplasia and Takayasu arteritis: delayed response to percutaneous transluminal renal angioplasty, Srur MF; Sos TA; Saddekni S; Cohn DJ; Rozenblit G; Wetter EB, (Radiology), **157**: 657, 1985
- percutaneous angioplasty in clinical management of renovascular hypertension: initial and long-term results, Martin LG; Price RB; Casarella WJ; Sones PJ; Wells JO Jr; Zellmer RA; Chuang VP; Silbiger ML Jr; Berkman WA, (Radiology), 155: 629, 1985
- percutaneous recanalization of an occluded renal artery and delayed ethanol ablation of the kidney resulting in control of hypertension, Denny DF; Perlmutt LM; Bettmann MA, (Radiology), 151: 381, 1984
- percutaneous transluminal angioplasty for pediatric renovascular hypertension, Stanley P; Hieshima G; Mehringer M, (Radiology), **153**: 101, 1984
- percutaneous transluminal angioplasty for treatment of renal artery stenosis in children, Lund G; Sinaiko A; Castaneda-Zuniga WR; et al, (Radiology), **156**: 857, 1985
- percutaneous transluminal angioplasty of renal transplant arterial stenoses, Raynaud A; Bedrossian J; Remy P; et al, (AJR), 146: 853, 1986

- percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE. (Radiology), 150: 369, 1984 percutaneous transluminal angioplasty of the renal artery: results and long-term follow-up, Tegtmeyer CJ; Kellum CD; Ayers CR, (Radiology), 153: 77, 1984
- percutaneous transluminal angioplasty of the renal arteries, Levin DC, (Radiology), **154**: 850, 1985
- percutaneous transluminal angioplasty of the renal arteries: double-catheter technique, Baker KS; Sawyer RW; Tisnado J; Cho S-R, (Radiology), **159**: 554, 1986
- renal angioplasty: current status, Tegtmeyer CJ; Kofler TJ; Ayers CR, (AJR), 142: 17, 1984
- renal arterial rupture secondary to percutaneous transluminal angioplasty treated without surgical intervention, Dixon GD; Anderson S; Crouch TT, (Cardiovasc Intervent Radiol), 9: 83, 1986
- renal artery angioplasty: increased technical success and decreased complications in the second 100 patients, Martin LG;
  Casarella WJ; Alspaugh JP; Chuang VP, (Radiology), 159: 631, 1986
- techniques of renal angioplasty, Tegtmeyer CJ; Sos TA, (Radiology), 161: 577, 1986
- transient hypertension after percutaneous transluminal renal artery angioplasty, Svigals PJ; McLean GK; Davis JE; Meranze SG; Burke DR, (Radiology), 161: 293, 1986

### Renal arteries, US studies

- clot formation in the renal artery in the neonate demonstrated by ultrasound, Seibert JJ; Lindley SG; Corbitt SS; et al, (JCU), 14: 470, 1986
- renal artery stenosis: duplex Doppler evaluation, Dubbins PA, (Br J Radiol), 59: 225, 1986

### Renal veins

- See also Kidney; Renal angiography segmental renal venous catheterization: technical note, Zalev AH, (J Canad Assoc Radiol), 37: 100, 1986
- transitional cell carcinoma of the kidney with invasion of the renal vein, Hartmann DS; Pyatt RS; Dailey E, (Radiology), **150**: 855, 1984
- varicosity of the left renal ascending lumbar communicant vein: a pitfall in CT diagnosis, Lien HH; von Krogh J, (Radiology), 152: 484, 1984

### Renal veins, abnormalities

- left renal vein hypertension in patients with left renal bleeding of unknown origin, Nishimura Y; Fushiki M; Yoshida M; Nakamura K; Imai M; Ono T; Morikawa S; Hatayama T; Komatz Y, (Radiology), 160:
- retroaortic left renal vein: interpretive pitfall on computed tomography, Hall JT; Raval B, (CT), 10: 55, 1986
- ultrasound demonstration of the retroaortic left renal vein, Kinard RE; Orrison WW, (ICU), 14: 151, 1986

### Renal veins, stenosis

renal vein, sections renal vein renin sampling in essential hypertension using hydralazine and the tourniquet test, Gomes AS; Sinaiko AR; Tobian L; Cohn JN; Formanek AG; Roe DJ; Amplatz K, (Radiology), 153: 619, 1984

### Renal veins, thrombosis

- bone scan detection of renal vein thrombosis secondary to hypernephroma, Swayne LC, (Clin Nucl Med), 11: 133, 1986
- direct fibrinolytic therapy for renal vein thrombosis: radiographic follow-up, DiMarco PL; Sheinfeld J; Gutierrez OH; et al, (Radiology), 156: 272,
- renal vein thrombosis in patients with nephrotic syndrome: CT diagnosis, Gatewood OMB; Fishman EK; Burrow CR; Walker WG; Goldman SM; Siegelman SS, (Radiology), 159: 117, 1986
- selective low-dose streptokinase infusion in the treatment of acute transplant renal vein thrombosis, Robinson JM; Cockrell CH; Tisnado J; et al. (Cardiovasc Intervent Radiol), 9: 86, 1986
- simultaneous renal vein thrombosis and bilateral adrenal hemorrhage: MR demonstration, Koch KJ; Cory DA, (JCAT),

venous renal tumor extension: prospective US evaluation, Schwerk WB; Schwerk WN; Rodeck G, (Radiology), **156**: 491, 1985

### Renal veins. US studies

ultrasound demonstration of the retroaortic left renal vein, Kinard RE; Orrison WW, (JCU), 14: 151, 1986

- percutaneous angioplasty in clinical management of renovascular hypertension: initial and long-term results, Martin LG; Price RB; Casarella WJ; Sones PJ; Wells JO Jr; Zellmer RA; Chuang VP; Silbiger ML Jr; Berkman WA, (Radiology), 155: 629, 1985
- renal vein renin sampling in essential hypertension using hydralazine and the tourniquet test, Gomes AS; Sinaiko AR; Tobian I; Cohn JN; Formanek AG; Roe DJ; Amplatz K, (Radiology), 153: 619, 1984

### Respiratory distress syndrome

- course of bronchopulmonary dysplasia: radiographic follow-up, Mortensson W; Lindroth M, (Acta Radiol [Diagn]), 27: 19,
- diffuse pulmonary opacification in infants undergoing extracorporeal membrane oxygenation: clinical and pathologic correlation, Taylor GA; Lotze A; Kapur S; Short BL, (Radiology), 161: 347, 1986
- neonatal neuroblastoma presenting with respiratory distress, Illescas FF; Williams RL, (Radiology), 156: 273, 1985
- pulmonary complications in burn patients, Teixidor H5; Novick G5; Rubin E, (Radiology), 153: 265, 1984
- respiratory distress syndrome treated with human surfactant: radiographic findings, Edwards DK; Hilton SvW; Merritt TA; Hallman M; Mannino F; Boynton BR, (Radiology), 157: 329, 1985
- respiratory illnesses in survivors of infant respiratory distress syndrome, Myers MG; McGuinness GA; Lachenbruch PA; et al, (Radiology), 161: 576, 1986
- upper airway obstruction in children: an update, Macpherson RI; Leithiser RE, (Radiographics), 5: 339, 1985

### Respiratory distress syndrome, adult

- adult respiratory distress syndrome after limited thoracic radiotherapy, Fulkerson WJ; McLendon RE; Prosnitz LR, (Radiology), 161: 573, 1986
- adult respiratory distress syndrome complicating percutaneous nephrolithotripsy, Rudy DC; Woodside JR; Borden TA; et al, (Radiology), 153: 847, 1984
- adult respiratory distress syndrome in children, Effmann EL; Merten DF; Kirks DR; Pratt PC; Spock A, (Radiology), 157: 69, 1985
- adult respiratory distress syndrome: risk with common predispositions, Fowler AA; Hamman RF; Good JT; et al, (Radiology), 150: 611, 1984
- long-term sequelae in children surviving adult respiratory distress syndrome, Fanconi S; Kraemer R; Weber J; et al, (Radiology), 156:
- outlook for survivors of ARDS, Alberts WM; Priest GR; Moser KM, (Radiology), 151: 543,
- value of chest radiography in adult respiratory distress syndrome, Wegenius G; Erikson U; Borg T; et al, (Radiology), 155: 270, 1985

### Retina

- degenerative retinoschisis with giant outer layer breaks and retinal detachment, Sulonen JM; Wells CG; Barricks ME; et al, (Radiology), 157: 860, 1985
- silicone implants for treatment of retinal detachment: computed tomographic appearance, Johnson MH; Smyser GS; De Filipp GF; et al. (AJNR), 5: 59, 1984

## Retina, blood supply

- digital subtraction angiography in the diagnosis of retinal vascular disease, Campo RV; Aaberg TM, (Radiology), 152: 257, 1984
- microangiopathic syndrome of encephalopathy, hearing loss, and retinal arteriolar occlusions, Monteiro MLR; Swanson RA; Coppeto JR; et al, (Radiology), 159: 822, 1986
- posttraumatic venous obstructive retinopathy associated with enlarged optic nerve sheath, Hopp SI; Buckley EG; Byrne SF; et al, (Radiology), 153: 570, 1984

Retina, CT

silicone implants for treatment of retinal detachment: computed tomographic appearance, Johnson MH; Smyser GS; De Filipp GF; et al, (AJNR), 5: 59, 1984

Retina, diseases

microvascular aspects of acquired immune deficiency syndrome retinopathy, Newsome DA; Green WR; Miller ED; et al, (Radiology), 156: 861, 1985

Retina, hemorrhage

retinal hemorrhage after cardiopulmonary resuscitation or child abuse, Kanter RK, (Radiology), **160**: 575, 1986

Retina, neoplasms

cavernous hemangioma of the retina, cutaneous angiomas, and intracranial vascular lesion evaluated by computed tomography and nuclear magnetic

tomography and nuclear magnetic resonance imaging, Schwartz AC; Weaver RG Jr; Bloomfield R; et al, (Radiology), 156: 279, 1985 childhood leukokoria: computed tomographic appearance and differential diagnosis with histopathologic correlation, Hopper KD; Katz NNK; Dorwart RH; Margo CE; Filling-Katz M; Sherman JK, (Radiographics), 5: 377, 1985

Ewing's tumor following bilateral retinoblastoma. a case report, Schifter S; Vendelbo L; Jensen OM; et al, (Radiology), 150: 858, 1984

importance of age in management of retinoblastoma of the first eye, Ehlers N, (Radiology), 155: 559, 1985

(Radiology), 159: 509, 1965 metastatic patterns of retinoblastoma, MacKay CJ; Abramson DH; Ellsworth RM, (Radiology), 153: 570, 1984 Scleral buckling for retinal detachment in patients with retinoblastoma, Buzney SM; Pruitt RC; Regan CDJ; et al, (Radiology), 155: 550, 1985

unusual case of orbital encephalocele, Downey EF Jr; Weinstein ZR, (AJNR), 5: 199, 1984

Retinoblastoma

See Retina, neoplasms

Retroperitoneal space

See also Abdomen lymphatic changes in retroperitoneal lipomatosis, Gass MA; Gould HR; Roggensack GF; et al, (Radiology), **150**: 296, 1984

Retroperitoneal space, abscess

bridging septa of the perinephric space: anatomic, pathologic, and diagnostic considerations, Kunin M, (Radiology), 158: 361, 1986

Retroperitoneal space, anatomy

bridging septa of the perinephric space: anatomic, pathologic, and diagnostic considerations, Kunin M, (Radiology), 158: 361, 1986

renal fascial pathway: posterior extension of pancreatic effusions within the anterior pararenal space, Raptopoulos V; Kleinman PK; Marks S Jr; Snyder M; Silverman PM, (Radiology), 158: 367, 1986

Retroperitoneal space, CT

bridging septa of the perinephric space: anatomic, pathologic, and diagnostic considerations, Kunin M, (Radiology), **158**:

Gastleman disease of the retroperitoneum: CT demonstration, Greenstein S; Fishman EK; Kaufman SL; et al. (JCAT), 10: 547, 1986 computed tomography of retroperitoneal Castleman disease (plasma cell type) with sonographic and angiographic correlation, Joseph N; Vogelzang RL; Hidvegi D; et al. (JCAT), 9: 570, 1985

CT demonstration of rapid improvement of retroperitoneal fibrosis in response to steroid therapy, Smith SJ; Bosniak MA; Megibow AJ; et al, (Urol Radiol), 8: 104, 1986

Megiow Aj; et al, (Urol Madiol), 8: 104, 1986 CT of retrorenal fluid collections, Love L; Demos TC; Posniak HV, (AJR), 145: 87, 1985 pitfalls in the diagnosis of retroperitoneal adenopathy, Koehler PR; Mancuso AA, (Radiology), 150: 855, 1984

retroperitoneal fibrosis: use of CT in distinguishing among possible causes, Degesys GE; Dunnick NR; Silverman PM; et al, (AJR), **146**: 57, 1986

retroperitoneal manifestations of sarcoidosis on computed tomography, Meranze SG; Coleman BG; Arger PH; et al, (JCAT), 9: 50, 1985

varices from portal hypertension: correlation of CT and angiography, McCain AH; Bernardino ME; Sones PJ Jr; Berkman WA; Casarella WJ, (Radiology), 154: 63, 1985

Retroperitoneal space, fat bilateral pararenal calcifications resulting from pancreatitis, Baker DE; Glazer GM, (AJR), 143: 51, 1984

Retroperitoneal space, fibrosis

case report. resolution of ureteric obstruction in perianeurysmal retroperitoneal fibrosis, Robbe IJ; Dixon AK, (Radiology), 152: 842,

CT demonstration of rapid improvement of retroperitoneal fibrosis in response to steroid therapy, Smith SJ; Bosniak MA; Megibow AJ; et al, (Urol Radiol), 8: 104, 1986

retroperitoneal fibrosis after anterior spinal fusion, Chan FL; Chow SP, (Radiology), 150:

zeo, 1961 retroperitoneal fibrosis: use of CT in distinguishing among possible causes, Degesys GE; Dunnick NR; Silverman PM; et al, (AJR), 146: 57, 1986

Retroperitoneal space, fluid

CT of retrorenal fluid collections, Love L; Demos TC; Posniak HV, (AJR), 145: 87, 1985 Demos TC; Posniak HV, (AJR), 145: 87, 1985 on percutaneous drainage of retroperitoneal collections: when is primary surgical drainage preferable?, Laor E; Schiffman Z; Reid RE; et al. (Radiology), 158: 282, 1986 retroperitoneal reabsorption of extravasated urine in renal transplant patients, Kool I.JS; Blickman JG; van Es A; Hew JM. (Radiology), 153: 625, 1984

Retroperitoneal space, hemorrhage

CT evaluation of retroperitoneal hemorrhage associated with femoral arteriography, Illescas FF; Baker ME; McCann R; et al, (AJR), 146: 1289, 1986

Retroperitoneal space, MR studies iliopsoas muscles: MR study of normal anatomy and disease, Weinreb JC; Cohen JM; Maravilla KR, (Radiology), 156: 435 1985

Retroperitoneal space, neoplasms
comparison of NMR and CT imaging in the
evaluation of metastatic retroperitoneal
lymphadenopathy from testicular
carcinoma, Ellis HH; Bies JR;
Kopecky KK; et al, (Radiology), 155: 283,
1985

CT appearance of hemangiopericytoma, Alpern MB; Thorsen MK; Kellman GM; et al, (JCAT), 10: 264, 1986

detection of metastatic tumor in normal-sized retroperitoneal lymph nodes by monoclonal antibody imaging, Moldofsky PJ; Sears HF; Mulhern CB Jr; et al, (Radiology), **154**: 862,

interstitial <sup>125</sup>I implantation in the retreatment of retroperitoneal soft tissue sarcoma: report of a case, Kumar PP; Good RR, (Acta Radiol [Oncol]), 25: 37, 1986

retroperitoneal mass with intradural extension: value of magnetic resonance imaging in neuroblastoma, Dietrich RB; Kangarloo H, (AJR), 146: 251, 1986

shard-like calcifications in retroperitoneal teratomas, Schey WL; Vesely JJ; Radkowski MA, (Pediatr Radiol), 16: 82,

varied radiographic manifestations of retroperitoneal malignant fibrous histiocytoma revealed through 27 cases Goldman SM; Hartman DS; Weiss SW, (Radiology), 160: 284, 1986

Retroperitoneal space, perforation radiologic findings of retroperitoneal perforation after sphincterotomy, Harker L; Hutton L; Passi RB, (J Canad Assoc Radiol), 37: 169, 1986

Retroperitoneal space, US studies

advantages of coronal ultrasonography in evaluating the neonatal retroperitoneum, Magill HL, Tonkin ILD; Bada H; et al, (Radiology), **151**: 823, 1984

oblique coronal view in sonography of the retroperitoneum, Pardes JG; Auh YH; Kneeland JB; et al, (AJR), 144: 1241, 1985

sonographic evaluation of the great vessels' interspace in the pediatric retroperitoneum, Grunebaum M; Ziv N; Kornreich L, (Pediatr Radiol), 16: 384, 1986

sonographic study of the juxtarenal retroperitoneal compartments, Weill FS; Perriguey G; Rohmer P, (Radiology), **150**: 867, 1984

Retroperitoneal space, varices adrenal pseudomasses due to varices: angiographic-CT-MRI-pathologic correlations, Brady TM; Gross BH; Glazer GM; et al. (AJR), 145: 301, 1985 varices from portal hypertension: correlation of CT and angiography, McCain AH; Bernardino ME; Sones PJ IJ; Berkman WA; Casarella WJ, (Radiology), 154: 63, 1985

Reye syndrome
CT findings in adult Reye syndrome,
Ruskin JA; Haughton VM, (AJNR), 6: 446,

Rhabdomyolysis See Muscles

Rhabdomyosarcoma See Myosarcoma

costoclavicular joint, Redlund-Johnell I, (Skeletal Radiol), 15: 25, 1986

(Skeletal Radiol), 15: 25, 1986 focal hematopoietic hyperplasia of the rib—a form of pseudotumor, Edelstein G; Kyriakos M, (Radiology), 154: 557, 1985 radionuclide and radiographic diagnosis of sternocostoclavicular hyperostosis, Rosenthall L; Burke DL, (Clin Nucl Med), 11: 322, 1986

11: 322, 1986
rib erosion: late complication of long-standing
biliary drainage catheters, Severini A;
Bellomi M; Cozzi G; Bellegotti L; Lattuada A,
(Radiology), 150: 666, 1984
systemic disorders affecting the thoracic cage,
Subbarao K; Jacobson HG, (Radiol Clin
North Am), 22: 497, 1984

Ribs, abnormalities
CT observation of rib abnormalities: spectrum of findings, Edelstein G; Levitt RG, Slaker DP; et al, (JCAT), 9: 65, 1985

sternocostoclavicular hyperostosis: review and report of 11 cases, Sartoris DJ; Schreiman JS; Kerr R; Resnik CS; Resnick D, (Radiology), 158: 125, 1986

CT observation of rib abnormalities: spectrum of findings, Edelstein G; Levitt RG; Slaker DP; et al, (JCAT), 9: 65, 1985

Ribs, neoplasms

case report 346, Garfin SR; Rothman RH, (Skeletal Radiol), 15: 72, 1986 Ewing tumor of rib: radiologic findings and computed tomography contribution, Levine E; Levine C, (Radiology), 153: 269, 1984

painless fibro-osseous lesion of the rib resembling osteoid osteoma: report of six cases, McCarthy EF; Moses DC; Zibreg JW; et al, (Radiology), 157: 850, 1985

Ribs, radionuclide studies

stippled ribs: potential pitfall in bone scan interpretation, Fink-Bennett D; Johnson J, (J Nucl Med), 27: 216, 1986

Roentgenograms See Images

Ruthenium, radioactive new ruthenium radiosensitizer:

W rutherhum Fadrosentizer. RuCl<sub>2</sub>(DMSO)<sub>2</sub>(4-nitroimidazole)<sub>2</sub>, Chan PKL; Skov KA; James BR; et al, (Int J Radiat Oncol Biol Phys), **12:** 1059, 1986

S

Sacroiliac joint

Some Scintigraphy in tuberculous sacroiliitis, Salomon CG; Ali A; Fordham EW, (Clin Nucl Med), 11: 407, 1986

elevated sacroiliac joint uptake ratios in systemic lupus erythematosus, De Smet AA; Mahmood T; Robinson RG; et al, (AJR), 143: 351, 1984

gas in spinal articulations, Yetkin Z; Chintapalli K; Daniels DL; et al, (Neuroradiol), 28: 150, 1986

intraoseous pneumatocysts of the ilium: findings on radiographs and CT scans, Ramirez H Jr; Blatt ES; Cable HF; McComb BL; Zornoza J; Hibri NS, (Radiology), 150: 503, 1984
multiple hyperpotosis with unitateral engineers.

(Radiology), 150: 503, 1984 multiple hyperostosis with unilateral sacro-ilitis—a new spondyloarthropathy, Beraneck L; Kaplan G; Benoist M; et al, (Radiology), 155: 856, 1985 normal sacroiliac joint: a CT study of asymptomatic patients, Vogler JB III; Brown WH; Helms CA; Genant HK, (Radiology), 151: 433, 1984

Sacroiliac joint, CT

CT appearance of sacroiliac joint trauma in children, Donoghue V; Daneman A; Krajbich I; et al, (JCAT), 9: 352, 1985

CT of sacral injury, Montana MA; Richardson ML; Kilcoyne RF; Harley JD; Shuman WP; Mack LA, (Radiology), 161: 499, 1986

normal sacroiliac joint: a CT study of asymptomatic patients, Vogler JB III; Brown WH; Helms CA; Genant HK, (Radiology), 151: 433, 1984

### Sacrum

general case of the day: annual meeting 1985, McLeod RA, (Radiographics), 6: 504, 1986

magnetic resonance imaging of arachnoid cysts destroying the sacrum, Sundaram M; Awwad EE, (AJR), 146: 359, 1986

### Sacrum, abnormalities

Currarino triad: complex of anorectal malformation, sacral bony abnormality, and presacral mass, Kirks DR; Merten DF; Filston HC; et al, (Radiology), 153: 852, 1984

imperforate anus: neurologic implications of sacral abnormalities, Carson JA, (Radiology), 157: 853, 1985

intraspinal tumor with lumbosacral agenesis, Hafeez M; Tihansky DP, (AJNR), 5: 481, 1984

sacral abnormalities—computed tomography versus conventional radiography, Shirkhoda A; Brashear HR; Zelenik ME; et al. (Radiology), **154**: 859, 1985

### Sacrum, CT

CT features of presacral mass: unusual focus of extramedullary hematopoiesis, Chao PW; Farman J; Kapelner S, (JCAT), **10**: 68**4**, 1986

CT of sacral injury, Montana MA; Richardson ML; Kilcoyne RF; Harley JD; Shuman WP; Mack LA, (Radiology), **161**: 499, 1986

hemangioendothelial sarcoma of the sacrum: CT findings, Lee S, (Comput Radiol), **10**: 51, 1986

sacral abnormalities—computed tomography versus conventional radiography, Shirkhoda A; Brashear HR; Zelenik ME; et al, (Radiology), **152**: 861, 1984

sacral abnormalities—computed tomography versus conventional radiography, Shirkhoda A; Brashear HR; Zelenik ME; et al. (Radiology), 154: 859, 1985

sacral abnormalities in Marfan syndrome, Fishman EK; Zinreich SJ; Kumar AJ; et al, (Radiology), **152**: 261, 1984

### Sacrum, fractures

computed tomography of spontaneous osteoporotic sacral fractures, Gacetta DJ; Yandow DR, (JCAT), 8: 1190, 1984

CT of sacral injury, Montana MA; Richardson ML; Kilcoyne RF; Harley JD; Shuman WP; Mack LA, (Radiology), **161**:

insufficiency fractures of the sacrum, Cooper KL; Beabout JW; Swee RG, (Radiology), **156**: 15, 1985

pubic and sacral insufficiency fractures: clinical course and radiologic findings, De Smet AA; Neff JR, (AJR), 145: 601, 1985

unsuspected sacral fractures: detection by radionuclide bone scanning, Schneider R; Yacovone J; Ghelman B, (AJR), **144**: 337, 1985.

## Sacrum, neoplasms

clinicopathologic study of sacrococcygeal chordoma, Kaiser TE; Pritchard DJ; Unni KK, (Radiology), **154**: 555, 1985

hemangioendothelial sarcoma of the sacrum: CT findings, Lee S, (Comput Radiol), 10: 51, 1986

middle sacral arteriography: diagnostic and therapeutic implications, Kudo S; Chuang VP; Wallace S; Bechtel WJ; Mir S, (Radiology), 151: 65, 1984

presacral masses after abdominoperineal resection for colorectal carcinoma: need for needle biopsy, Butch RJ; Wittenberg J; Mueller PR; et al., (AJR), 144: 309, 1985

sacral destruction: foraminal lines revisited, Amorosa JK; Weintraub S; Amorosa LF; et al, (AJR), 145: 773, 1985

sacral neurofibrosarcoma—case report, Crosbie DC; Carney PG; Sage MR, (Australas Radiol), 30: 54, 1986 scintigraphic features of primary sacral tumors, Rossleigh MA; Smith J; Yeh SDJ, (J Nucl Med), **27**: 627, 1986

## Sacrum, radionuclide studies

scintigraphic features of primary sacral tumors, Rossleigh MA; Smith J; Yeh SDJ, (J Nucl Med), 27: 627, 1986

unsuspected sacral fractures: detection by radionuclide bone scanning, Schneider R; Yacovone J; Ghelman B, (AJR), 144: 337, 1985

### Salivary glands

See also Parotid gland

### Salivary glands, abnormalities

evaluation of the parotid gland: comparison of sialography, non-contrast computed tomography, and CT sialography, McGahan JP; Walter JP; Bernstein L, (Radiology), 152: 453, 1984

plunging ranula: CT diagnosis, Charnoff SK; Carter BL, (Radiology), 158: 467, 1986

## Salivary glands, CT

CT imaging of the salivary glands, Bryan RN; Mawad ME; Sandlin ME; et al, (Semin US CT MR), 7: 154, 1986

CT of the salivary glands, Rabinov K; Kell T Jr; Gordon PH, (Radiol Clin North Am), 22: 145, 1984

evaluation of the parotid gland: comparison of sialography, non-contrast computed tomography, and CT sialography, McGahan JP; Walter JP; Bernstein L, (Radiology), 152: 453, 1984

plunging ranula: CT diagnosis, Charnoff SK; Carter BL, (Radiology), 158: 467, 1986

### Salivary glands, neoplasms

adenoid cystic salivary gland carcinoma: treatment with irradiation and surgery, Simpson JR; Thawley SE; Matsuba HM, (Radiology), 151: 509, 1984

benign mixed tumor of salivary gland origin presenting as a mediastinal mass, Gale JT; Mendelson DS; Cohen BA; et al., (CT), 10: 23, 1986

evaluation of the parotid gland: comparison of sialography, non-contrast computed tomography, and CT sialography, McGahan JP: Walter JP; Bernstein L, (Radiology), 152: 453, 1984

major salivary gland carcinoma. descriptive epidemiology and survival of 498 patients, Spitz MR; Batsakis JG, (Radiology), 153: 571, 1984

malignant salivary gland tumors of the base of the tongue, Kessler DJ; Mickel RA; Calcaterra TC, (Radiology), **161:** 862, 1986

papillary adenocarcinoma of minor salivary gland origin in a child, Crocker TP; Kreutner A Jr; Biemann H; et al, (Radiology), 152: 849, 1984

parapharyngeal space masses: an updated protocol based upon 104 cases, Som PM; Biller HF; Lawson W; Sacher M; Lanzieri CF, (Radiology), 153: 149, 1984

ksalivary gland malignant neoplasms: treatment and prognosis, Borthne A; Kjellevold K; Kaalhus O; et al, (Int J Radiat Oncol Biol Phys), 12: 747, 1986

treatment and prognosis of mucoepidermoid carcinoma in the pediatric age group, Conley J; Tinsley PP Jr, (Radiology), 159: 288, 1986

## Salivary glands, radiography

anatomy of the facial nerve in relation to CT/sialography of the parotid gland, Conn IG; Wiesenfeld D; Feguson MM, (Radiology), 152: 857, 1984

computed tomography and sialography of chronic pyogenic parotitis, Iko BO, (Radiology), **156**: 567, 1985

digital subtraction ductography, Lightfoote JB; Friedenberg RM; Smolin MF, (AJR), **144**: 635, 1985

evaluation of the parotid gland: comparison of sialography, non-contrast computed tomography, and CT sialography, McGahan JP; Walter JP; Bernstein L, (Radiology), 152: 453, 1984

(Rauningy), 152, 453, 1554 sialography and CT sialography in the diagnosis of parotid masses, Eyjolfsson O; Nordshus T; Dahl T, (Radiology), 157: 858, 1985

# Salivary glands, radionuclide studies

Copely DJ; Smith R, (Semin Nucl Med), 16: 220, 1986

salivary scintigraphy: unilateral increased activity, Copely DJ; Smith R, (Semin Nucl Med), 16: 222, 1986

Salivary glands, surgery

adenoid cystic salivary gland carcinoma: treatment with irradiation and surgery, Simpson JR; Thawley SE; Matsuba HM, (Radiology), 151: 509, 1984

Salivary glands, therapeutic radiology

adenoid cystic salivary gland carcinoma: treatment with irradiation and surgery, Simpson JR; Thawley SE; Matsuba HM, (Radiology), 151: 509, 1984

salivary gland malignant neoplasms: treatment and prognosis, Borthne A; Kjellevold K; Kaalhus O; et al, (Int J Radiat Oncol Biol Phys), **12**: 747, 1986

### Salivary glands, US studies

high-resolution real-time ultrasonography of the submandibular salivary gland, Bartlett LJ; Pon M, (Radiology), 155: 859, 1985

ultrasonography of the salivary glands, Wittich GR; Scheible WF; Hajek PC, (Radiol Clin North Am), 23: 29, 1985

### Sarcoidosis

assessing the activity of sarcoidosis: quantitative <sup>6</sup>/Ga-citrate imaging, Fajman WA; Greenwald LV; Staton G; et al, (A]R), 142: 683, 1984

characterization of lymphadenopathy by magnetic resonance relaxation times: preliminary results, Dooms GC; Hricak H; Moseley ME; Bottles K; Fisher MR; Higgins CB, (Radiology), 155: 691, 1985

chiasmal syndrome in sarcoidosis, Tang RA; Grotta JC; Lee F; et al, (Radiology), 151: 824,

choroidal granuloma in sarcoidosis, Campo RV; Aaberg TM, (Radiology), 153: 856, 1984

ooo, 1764 computed tomography of splenic sarcoidosis, Mathieu D; Vanderstigel M; Schaeffer A; et al, (JCAT), 10: 679, 1986

Schaeffer A; et al, (JCÄT), 10: 679, 1986 eleven cases of sarcoidosis of the optic nerve, Beardsley TL; Brown SVL; Sydnor CF; et al, (Radiology), 152: 854, 1984

epididymis examined by ultrasound. correlation with pathology, Rifkin MD; Kurtz AB; Goldberg BB, (Radiology), 151: 187. 1984

fatal hemoptysis resulting from erosion of a pulmonary artery in cavitary sarcoidosis, Edelman RR; Johnson TS; Jhaveri HS; et al, (AJR), 145: 37, 1985

Ga-67 uptake in the lung in sarcoidosis, Johnson DG; Johnson SM; Harris CC; Piantadosi CA; Blinder RA; Coleman RE, (Radiology), **150**: 551, 1984

gallium-67 lung uptake: conjugate-view technique, Grossman LW; Fernandez-Ulloa M; Lukes SJ; Mantil J, (Radiology), 157: 789, 1985

gallium-67 scintigraphy, bronchoalveolar lavage, and pathologic changes in patients with pulmonary sarcoidosis, Abe S; Munakata M; Nishimura M; et al, (Radiology), 154: 283, 1985

gallium-67 uptake in meningeal sarcoidosis, Ayres JG; Hicks BH; Maisey MN, (Clin Nucl Med), 11: 507, 1986

gallium uptake in cutaneous sarcoidosis, Glickstein MF; Velchik MG, (Clin Nucl Med), 11: 119, 1986

hypodense white matter lesions in computed tomography of neurosarcoidosis, Ketonen L; Oksanen V; Kuuliala I; et al, (JCAT), 10: 181, 1986

MR characteristics of benign lymph node enlargement in sarcoidosis and Castleman's disease, de Geer G; Webb WR; Sollitto R; et al, (Eur J Radiol), 6: 145, 1986

multiple imaging evaluation of sarcoidosis, Henry DA; Kiser PE; Scheer CE; Cho S-R; Tisnado J, (Radiographics), 6: 75, 1986 musculoskeletal manifestations of sarcoidosis, Sartoris DJ; Resnick D; Resnic CS; et al,

(Semin Roentgenol), 20: 376, 1985 neuro-ophthalmologic signs in the angiitic form of neurosarcoidosis, Caplan LR; Corbett J; Goodwin JA; et al, (Radiology), 151: 824, 1984

neurosarcoidosis involving optic nerves and leptomeninges: computed tomography findings, Ey EH; Wall M; Numaguchi Y; et al, (CT), 10: 129, 1986 neurosarcoidosis of the brain and meninges, Leeds NE; Zimmerman RD; Elkin CM; et al, (Semin Roentgenol), **20**: 387, 1985

neurosarcoidosis responding to steroids, Reed LD; Abbas S; Markivee CR; et al, (AJR), 146: 819, 1986

normal serum angiotensin converting enzyme activity in patients with newly diagnosed sarcoidosis, DeRemee RA; Rohrback MS, (Radiology), **152**: 839, 1984

(radiiotogy), 152: 839, 1984 nose, minor salivary glands and sarcoidosis, Postma D; Fry TL; Malenbaum BT, (Radiology), 152: 858, 1984 pathology of sarcoidosis, Freiman DG, (Semin Roentgenol), 20: 327, 1985

peripheral pulmonary infiltrates in sarcoidosis, Glazer HS; Levitt RG; Shackelford GG, (Radiology), **155**: 847, 1985

presentation of central nervous system sarcoidosis as intracranial tumors, Clark WC; Acker JD; Dohan FC Jr; et al, (Radiology), 161: 863, 1986

radiographic features of sarcoidosis in pediatric patients, Grossman H; Merten DF; Spock A; et al, (Semin Roentgenol), 20: 393, 1985

radiographic manifestations of cardiac sarcoid, Chiles C; Adams GW; Ravin CE, (AJR), **145**: 711, 1985

radiologic aspects of intrathoracic sarcoidosis, Berkmen YM, (Semin Roentgenol), 20: 356,

retroperitoneal manifestations of sarcoidosis on computed tomography, Meranze SG; Coleman BG; Arger PH; et al, (JCAT), 9: 50,

role of gallium-67 in the clinical evaluation of sarcoidosis, Bekerman C; Szidon JP; Pinsky S, (Semin Roentgenol), 20: 400, 1985

sarcoidosis: clinical, laboratory, and immunologic aspects, Sharma OP, (Semin Roentgenol), **20**: 340, 1985

sarcoidosis of the orbit with bone destruction, Wolk RB, (AJNR), 5: 204, 1984 sarcoidosis of the parotid gland, Iko BO; Chinwuba CE; Myers EM; et al, (Br J Radiol), 59: 547, 1986

thin-walled ring shadow in early pulmonary sarcoidosis, Jones DK; Dent RG; Rimemr MJ; et al, (Radiology), **154**: 847, 1985

unique case of neurosarcoidosis with pineal and suprasellar involvement: CT and pathological demonstration, Wall MJ; Peyster RG; Finkelstein SD; et al. (JCAT), 9:

unusual manifestations of thoracic sarcoidosis, Rockoff SD; Rohatgi PK, (AJR), 144: 513,

Virchow-Robin space: path of spread in neurosarcoidosis, Mirfakhraee M; Crofford MJ; Guinto FC Jr; Nauta HJW; Weedn VW, (Radiology), **158**: 715, 1986

See also Ewing sarcoma; Kaposi sarcoma arterial perfusion with Tc-99m macroaggregated albumin (MAAAP) in monitoring intra-arterial chemotherapy of sarcomas, Kantarjian HM; Bledin AG; Kim EE; et al. (Radiology), 151: 563, 1984

benign exostoses and exostotic chondrosarcomas: evaluation of cartilage thickness by CT, Hudson TM; Springfield DS; Spanier SS; Enneking WF; Hamlin DJ, (Radiology), 152: 595, 1984

case report 347, Frassica FJ; Unni KK; Sim FH, (Skeletal Radiol), 15: 77, 1986

case report 362, Lysko JE; Guilford WB; Siegal GP; et al. (Skeletal Radiol), 15: 268, 1986

case report 371, Howard BA; Rubenstein JD; Lewis AJ, (Skeletal Radiol), 15: 468, 1986

chondrosarcoma: correlation of radiological and histological grade, Rosenthal DI; Schiller AL; Mankin HJ, (Radiology), **150**: 21, 1984

chondrosarcoma of the head and neck Finn DG; Goepfert H; Batsakis JG, (Radiology), 157: 572, 1985

chordoid sarcoma complicating Paget's disease of bone: a case report and review of the literature, Griffin JF; Colclough A; Twentyman O; et al, (Radiology), 155: 851, 1002.

combined malignant lymphoma of the eye and CNS (reticulum-cell sarcoma). report of three cases, Rockwood EJ; Zakov Z; Bay N; et al. (Radiology), 155: 554, 1985

computed tomography of metastatic chondrosarcoma to the brain, Templeton PA; Gellad FE; Wood C, (JCAT),

computed tomography of osteogenic sarcoma of nasal cavity and paranasal sinuses, Oot RF; Parizel PM; Weber AL, (JCAT), 10: 409, 1986

costal chondrosarcoma with pleural seeding: CT findings, Pandolfo I; Gaeta M; Blandino A; et al, (JCAT), 9: 408, 1985

extraosseous osteogenic sarcoma of the breast: mammographic and pathologic findings, Watt AC; Haggar AM; Krasicky GA, (Radiology), 150: 34, 1984

extremity bone tumors: evaluation by P-31 MR spectroscopy, Nidecker AC; Muller 5; Aue WP, Seelig J; Fridrich R; Remagen W; Hartweg H; Benz UF, (Radiology), 157: 167, 1000

fibrosarcoma of the jaws, Taconis WK; van Rijssel TG, (Skeletal Radiol), 15: 10, 1986

granulocytic sarcoma of the brain: case report and review of the literature, Barnett MJ; Zussman WV, (Radiology), 160: 223, 1986

hemangioendothelial sarcoma of the sacrum: CT findings, Lee S, (Comput Radiol), 10: 51, 1986

hypofractionated radiotherapy for sarcomas, Ashby MA; Ago CT; Harmer CL, (Int J Radiat Oncol Biol Phys), **12**: 13, 1986

impact of improved local control on survival in patients with soft tissue sarcoma, Suit HD; Tepper JE, (Int J Radiat Oncol Biol Phys), 12: 699, 1986

interstitial <sup>125</sup> implantation in the retreatment of retroperitoneal soft tissue sarcoma: report of a case, Kumar PP; Good RR, (Acta Radiol [Oncol]), 25: 37, 1986

intraarterial digital subtraction arteriographic evaluation of extremity tumors: comparison with conventional arteriography, Lee KR: Cox GG, Price HI; Johnson JA; Neff JR, (Radiology), 158: 255, 1986

local control and survival in soft tissue sarcomas of the limbs, trunk walls and head and neck: study of 113 cases, Abbatucci JS; Boulier N; de Ranieri J; et al, (Int J Radiat Oncol Biol Phys), 12: 579, 1986

malignant gastric sarcoma—diagnosis by ultrasound and endoscopy, Schneider K; Dickerhoff R; Bertele RM, (Pediatr Radiol),

mesenchymal chondrosarcoma of bone and soft tissue: review of 111 cases, Nakashima Y; Unni KK; Shives TC; et al, (Radiology), **161**: 575, 1986

mesenchymal chondrosarcoma of bone and soft tissues, Bertoni F; Picci P; Bacchini P; et al, (Radiology), 151: 546, 1984

monoclonal gammopathy associated with a chest mass, Fraser RG; Davis B; Goldberg J; et al, (AJR), 142: 913, 1984

multifocal osteogenic sarcoma in the seventh decade, Vento JA; Edkin R; Slavin JD Jr; et al, (Clin Nucl Med), 11: 282, 1986

osteogenic sarcoma of bones and soft tissues in older persons: clinicopathologic analysis of 117 patients older than 60 years, Huvos AG, (Radiology), **160**: 859, 1986

osteogenic sarcoma of the skull: clinicopathologic study of 19 patients, Huvos AG; Sundaresan N; Bretsky SS; et al, (Radiology), 158: 859, 1986

Pancreatic metastases in bone sarcomas: CT demonstration, Rubin E; Dunham WK; Stanley RJ, (JCAT), 9: 886, 1985

postoperative whole lung irradiation with or without adriamycin in osteogenic sarcoma, Zaharia M; Caceres E; Valdivia S; et al., (Int J Radiat Oncol Biol Phys), 12: 907, 1986

primary osteogenic sarcoma of the calvaria, Benson JE; Goske MJ; Han JS; et al, (AJNR), 5: 810, 1984

radiation-induced sarcomas of the chest wall, Souba WW; McKenna RJ Jr; Meis J; et al, (Radiology), **160**: 857, 1986

radiation therapy of microgliomas, Shank B, (Radiology), 151: 805, 1984

radiographic evaluation of soft tissue sarcomas, Totty WG, (Radiology), 157: 566,

radiographic hallmarks of peripheral chondrosarcoma, Norman A; Sissons HA, (Radiology), **151**: 589, 1984

radiology of medullary chondrosarcoma: preoperative treatment planning, Hudson TM; Manaster BJ; Springfield 'DS; et al, (Radiology), **153**: 269, 1984

1704
rare skeletal manifestations in
neurofibromatosis complicated with
sarcoma, Sharif HS; Tucker AK, (Radiology),
157: 281, 1985

role of bone scintigraphy in osteogenic sarcoma, Rees CR; Siddiqui AR; duCret R, (Skeletal Radiol), 15: 365, 1986

sarcoma of bone following therapeutic irradiation for breast carcinoma, Doherty MA; Rodger A; Langlands AO, (Int J Radiat Oncol Biol Phys), 12: 103, 1986

synovial sarcoma in childhood, Israels SJ; Chan HSL; Daneman A; et al, (AJR), 142:

synovial sarcoma in childhood, Waag KL; Gerein V; Kornhuber B; et al, (Radiology), 155: 552, 1985

ransarticular extension of chondrosarcoma, Pinstein ML; Sebes JI; Scott RL, (AJR), 142: 779, 1984

### Scapula

bilateral glenoid dysplasia: report of 8 cases, Kozlowski K; Colavita N; Morris L; et al, (Radiology), 158: 859, 1986

computed tomography of the scapula, Crone-Munzebrock W; Heller M, (Eur J Radiol), 6:

traumatic scapulothoracic dissociation, Rubenstein JD; Ebraheim NA; Kellam JF, (Radiology), **157**: 297, 1985

# Scheuermann disease

See Spine, curvature

### Schistosomiasis

crebral schistosomiasis, Schils J; Hermanus N; Flament-Durant J; et al. (AJNR), 6: 840, 1985 characteristic sonographic features of schistosomal periportal fibrosis, Fataar S; Bassiony H; Satyanath S; et al., (AJR), 143: 69,

CT of hepatic schistosomiasis mansoni, Fataar S; Bassiony H; Satyanath S; et al, (AJR), 145: 63, 1985

CT of schistosomal calcification of the intestine, Fataar S; Bassiony H; Satyanath S; et al, (AJR), 144: 75, 1985

hepatic schistosomiasi japonica identified by CT, Araki T; Hayakawa K; Okada J; Hayashi S; Uchiyama G; Yamada K, (Radiology), **157**: 757, 1985

(Radiology), 497179, 1995 hepatosplenic schistosomiasis mansoni: ultrasound manifestations, Cerri GG; Alves VAF; Magalhaes A, (Radiology), 153: 777, 1984

radiographic spectrum of rectocolonic calcification from schistosomiasis, Fataar S; Bassiony H; Hamed MS; et al, (AJR), 142: 933, 1984

933, 1994 ultrasonographical aspects of urinary schistosomiasis: assessment of morphological lesions in the upper and lower urinary tract, Dittrich M; Doehring E, (Pediatr Radiol), 16: 225, 1986

urogenital schistosomiasis: CT evaluation, Jorulf H; Lindstedt E, (Radiology), **157**: 745,

## Schwannoma

benign schwannomas: pathologic basis for CT inhomogeneities, Cohen LM; Schwartz AM; Rockoff SD, (AJR), 147: 141, 1986

case report 345, Owen R5; Fishman EK; Healy WL; et al, (Skeletal Radiol), 15: 69, 1986

computed tomography of the carotid space and related cervical spaces. part II. neurogenic tumors, Silver AJ: Mawad ME; Hilal SK; Ascherl GF Jr; Chynn KY; Baredes S, (Radiology), 150: 729, 1984

endobronchial metastasis from malignant Schwannoma, Amin R, (Radiology), **154**: 553, 1985

giant cauda equina schwannoma: CT appearance, Osborn RE; DeWitt JD, (AJNR), 6: 835, 1985

intralabyrinthine schwannoma, Vernick DM; Graham MD; McClatchey KD, (Radiology), 156: 279, 1985

jugular foramen Schwannomas, Kaye AH; Hahn JF; Kinney SE; et al, (Radiology), 154:

Meckel cave: computed tomographic study. part I: normal anatomy; part II: pathology, Kapila A; Chakeres DW; Blanco E, (Radiology), 152: 425, 1984

- primary tumors of the facial nerve: diagnosis and management, Pillsbury HC; Price HC; Gardiner LJ, (Radiology), **152**: 558, 1984
- schwannoma of the trachea, Ikezoe J; Sone S; Higashihara T; et al, (Eur J Radiol), 6: 65, 1986
- schwannomas of the jugular foramen, Crumley RL; Wilson CC, (Radiology), **155**: 280, 1985

### Sciatica

CT evaluation of the greater sciatic foramen in patients with sciatica, Cohen BA; Lanzieri CF; Mendelson DS; et al, (AJNR), 7: 337, 1986

- progressive systemic sclerosis: radionuclide esophageal scintigraphy and manometry, Drane WE; Karvelis K; Johnson DA; Curran JJ; Silverman ED, (Radiology), 160:
- specificity and sensitivity of esophageal motor abnormality in systemic sclerosis (scleroderma) and related diseases: cineradiographic study, Campbell WL; Schultz JC, (Gastrointest Radiol), 11: 218,
- systemic sclerosis (scleroderma) and esophageal adenocarcinoma: is increased patient screening necessary?, Segel MC; Campbell WL; Medsger TA Jr; et al, (Radiology), 160: 284, 1986
- ultrasound examination of skin thickness in patients with progressive systemic sclerosis (scleroderma), Akesson A; Forsberg L; Hederstrom E; et al, (Acta Radiol [Diagn]),

### Sclerosing cholangitis

See Cholangitis

lower esophageal rings as a cause of dysphasia in progressive systemic sclerosis—coincidence or consequence?, Lovy MR; Levine J; Steigerwald JC, (Radiology), 151: 818, 1984

### Sclerosis, multiple

- computed tomography of spinal cord necrosis from multiple sclerosis, Latack JT; Gabrielsen TO; Knake JE; et al, (AJNR), 5:
- contribution of MRI to the diagnosis of multiple sclerosis, Debaene A; Lavieille J; Vion-Dury J; et al, (J Neuroradiol), 15: 1,
- corpus callosum and subcallosalorgus canosum and subcaniosal-periventricular lesions in multiple sclerosis: detection with MR, Simon JH; Holtas SL; Schiffer RB; Rudick RA; Herndon RM; Kido DK; Utz R, (Radiology), 160: 363, 1986
- CT of multiple sclerosis: reassessment of delayed scanning with high doses of contrast material, Spiegel SM; Vinuela FV; Fox AJ; et al, (AJNR), 6: 533, 1985
- evaluation of multiple sclerosis by magnetic resonance imaging, Runge VM; Price AC; Kirshner HS; Allen JH; Partain CL; James AE Jr, (Radiographics), 6: 203, 1986
- general case of the day, Earnest F IV, (Radiographics), 6: 725, 1986
- magnetic resonance demonstration of multiple sclerosis plaques in the cervical cord, Maravilla KR; Weinreb JC; Suss RA; et al, (AJNR), 5: 685, 1984
- magnetic resonance demonstration of multiple sclerosis plaques in the cervical cord, Maravilla KR; Weinreb JC; Suss RA; et al, (AJR), 144: 381, 1985
- magnetic resonance imaging in multiple sclerosis: results in 32 cases, Jackson JA; Leake DR; Schneiders NJ; et al, (AJNR), 6:
- magnetic resonance imaging of multiple sclerosis: a study of pulse-technique efficacy, Runge VM, Price AC; Kirshner HS; et al, (AJNR), 5: 691, 1984
- magnetic resonance imaging: serial observations in multiple sclerosis, Johnson MA; Li DKB; Bryant DJ; et al, (AJNR), 5: 495, 1984
- magnetic resonance in multiple sclerosis, Scotti G; Scialfa G; Biondi A; et al, (Neuroradiol), **28**: 319, 1986
- magnetic resonance tomography in confirmed multiple sclerosis—evaluation of 21 cases, Uhlenbrock D; Dickmann E; Beyer HK; et al, (Radiology), 157: 286, 1985

- MR imaging of multiple sclerosis: comparison with clinical and CT examinations in 74 patients, Sheldon JJ; Siddharthan R; Tobias J; et al, (AJNR), 6: 683, 1985
- multifocal CT enhancement in MS, Ebers GC; Vinuela FV; Feasby T; et al, (Radiology), 153:
- multiple sclerosis: problem of incorrect diagnosis, Rudick RA; Schiffer RB; Schwetz KM; et al, (Radiology), 161: 576, 1986
- posterior fossa lesions: magnetic resonance imaging, Lee BCP; Kneeland JB; Deck MDF; Cahill PT, (Radiology), 153: 137, 1984
- spin-lattice relaxation (T<sub>1</sub>) times of cerebral white matter in multiple sclerosis, Lacomis D; Osbakken MD; Gross G, (Magn Res Med), 3: 194, 1986

### Sclerosis, tuberous

- atypical findings on computed tomography in tuberous sclerosis. case reports, Glass RBJ; Mendelsohn DB; Hertzanu Y, (Radiology), 155: 277, 1985
- bilateral abdominal masses in an asymptomatic infant, Andriole J; Gouse JC; Schultz CL; et al, (Invest Radiol), 21: 355,
- cardiac tumor associated with tuberous sclerosis: CT diagnosis, Cornalba G; Dore R, (JCAT), 9: 809, 1985
- case of the season, Copley DJ, (Semin Roentgenol), 20: 107, 1985
- giant intracranial aneurysm in a child with tuberous sclerosis: CT demonstration, Brill CB; Peyster RG; Hoover ED; et al, (JCAT), 9: 377, 1985
- intracranial tuberous sclerosis in infancy, Legge M; Sauerbrei EE; Macdonald A, (Radiology), **153**: 667, 1984
- thoracic manifestations of neurocutaneous diseases, Aughenbaugh GL, (Radiol Clin North Am), 22: 741, 1984
- tuberous sclerosis—clinical manifestations and genetic implications, Cornell J, (Radiology), 151: 831, 1984
- tuberous sclerosis: clinicoradiological evaluation of 110 cases with particular reference to atypical presentation, Kingsley DPE; Kendall BE; Fitz CR, (Neuroradiol), 28: 38, 1986

## Scoliosis

See Spine, curvature

## Screening, cancer

See Cancer screening Screens and films

# absolute speeds of screen-film systems and their absorbed-energy constants, Kodera Y; Doi K; Chan H-P, (Radiology), 151: 229, 1984

- backscatter from metal surfaces in diagnostic radiology, Kodera Y; Schmidt RA; Chan H-P; Doi K, (Radiology), **150**: 231, 1984
- comparative evaluation of rare earth screen-film systems: free-response operating characteristic analysis and anatomic criteria analysis, Fearon T; Vucich J; McSweeney WJ; et al, (Invest Radiol), 21: 734, 1986
- comparative evaluation of rare-earth omparative evaluation of rare-earth screen-film systems; system speed, contrast, sensitometry, RMS noise, square-wave response function, and contrast-dose-detail analysis, Fearon T; Vucich J; Hoe J; et al, (Invest Radiol), 21: 654, 1986
- comparative image quality of 105 mm and conventional spot films, Weaver KE; Trembley CA; Lewicki AM, (AJR), 142: 615,
- comparison of x-ray film and photographic paper in recording CT images, Stephenson TF; Lincoln AJ; Mehnert PJ; et al, (JCAT), 8: 1161, 1984
- development of ultra-high-strip-density (UHSD) grids: new antiscatter technique for mammography, Chan H-P, Frank PH, Doi K; lida N; Higashida Y, (Radiology), 154: 807,
- dose efficiency of screen-film systems used in pediatric radiography. Cohen G; Wagner LK; McDaniel DL; Robinson LH, (Radiology), 152: 187, 1984
- low-attenuation materials and rare-earth screens in radiodiagnosis, (Br J Radiol), (Br J Radiol), 59: 745, 1986

- new self-developing film for intraoperative renal stone localization, Pahira JJ; Pollack HM, (Radiology), 157: 564, 1985
- plain radiography with a rare-earth screen: comparison with calcium tungstate screen, Picus D; McAlister WH; Smith E; et al, (AJR), 143: 1335, 1984
- ROC and contrast detail image evaluation tests compared. Kelsey CA; Moseley RD Jr; Garcia JF; Mettler FA Jr; Parker TW; Juhl JH, (Radiology), 154: 629, 1985

### Scrotum

- acute appendicitis presenting as acute left scrotal pain: diagnostic considerations, Wilkins SA Jr; Holder LE; Raiker RV; et al, (Radiology), 158: 568, 1986 acute scrotal swelling in children, Caldamone AA; Valvo JR; Atebarmakian VK; et al, (Radiology), 155: 857, 1985
- epididymis examined by ultrascund. correlation with pathology, Rifkin MD; Kurtz AB; Goldberg BB, (Radiology), 151: 187, 1984

### Scrotum, abnormalities

scrotal cystocele with bladder calculi (case report), Postma MP; Smith R, (AJR), 147: 287, 1986

### Scrotum, MR studies

magnetic resonance imaging: its application to male infertility, McClure RD; Hricak H, (Radiology), **160**: 285, 1986

### Scrotum, neoplasms

- asymptomatic scrotal masses in children, Barth RA; Teele RL; Colodny A; Retik A; Bauer S, (Radiology), **152**: 65, 1984
- computed tomography of hydrocele of the tunica vaginalis, Bernardy MO; Umer MA; Flanigan RC, (JCAT), 9: 203, 1985
- scrotal masses caused by meconium peritonitis: prenatal sonographic diagnosis, kenney PJ; Spirt BA; Ellis DA; Patil U, (Radiology), 154: 362, 1985

### Scrotum, radionuclide studies

- comprehensive scrotal flow and scan technique for detection of varicoceles, Marman JL; Zeiger LS; DeBenedictis TJ; et al, (Radiology), 157: 575,
- 1985
  radionuclide evaluation of acute scrotal disease, Nakielny RA; Thomas WEG; Jackson P; et al, (Radiology), 154: 284, 1985 radionuclide scrotal imaging: further experience with 210 patients, part 1: anatomy, pathophysiology, and methods, Chen DCP; Holder LE; Melloul M, (Radiology), 152: 270, 1984 radionuclide scrotal imaging: further experience with 210 patients: part 2: results and discussion, Chen DCP; Holder LE; Melloul M, (Radiology), 152: 870, 1984 urine extravasation into the scrotum,
- urine extravasation into the scrotum, Noel AW; Velchik MG, (J Nucl Med), 27: 807, 1986

### Scrotum, US studies

- asymptomatic scrotal masses in children,
- asymptomatic scrotal masses in chitaren, Barth RA; Teele RL; Colodny A; Retik A; Bauer S, (Radiology), 152: 65, 1984 diagnostic capabilities of high-resolution scrotal ultrasonography: prospective evaluation, Rifkin MD; Kurtz AB; Pasto ME; et al. (J Ultrasound Med), 4: 13,
- extratesticular hemorrhage associated with torsion of the spermatic cord: sonographic demonstration, Vick CW; Bird K; Rosenfield AT; Klein FA; Schneider V; Walsh JW; Brewer WH, (Radiology), 158: 401, 1986
- high-resolution sonography of scrotal contents in asymptomatic subjects, Leung ML; Gooding GAW; Williams RD, (AJR), 143: 161, 1984
- new simple procedure for immersion sonography of scrotum in real-time technique, Fischer P; Franken T; Molitor D, (Radiology), 150: 299, 1984
- new sonographic method for investigating the scrotal content via a rotating sound head, Penkert A, (Radiology), 150: 299, 1984
- renkert A. (Kadiology), 150: 679, 1784 pitfalls in ultrasound imaging of the scrotum, Martin-Lalardrie B. Marsot-Dupuch K. (Radiology), 155: 557, 1785 pyocele of the scrotum: sonographic demonstration of fluid-fluid level and a gas-forming component, Di Donna A; Rizzatto G. (J Ultrasound Med), 5: 99, 1986 rela of disrogetin ultrasonography:
- role of diagnostic ultrasonography in varicocele evaluation, Rifkin MD; Foy PM; Kurtz AB; et al, (Radiology), 151: 833, 1984

scrotal calculi, Linkowski GD; Avellone A; Gooding GAW, (Radiology), **156**: 484, 1985

scrotal lymphocele: complication of renal transplant surgery, Dierks PR; Moore PT, (J Ultrasound Med), 4: 91, 1985

scrotal ultrasound, Krone KD: Carroll BA. (Radiol Clin North Am), 23: 121, 1985

scrotal ultrasound in the infertile man: detection of subclinical unilateral and bilateral varicoceles, McClure RD; Hricak H, (Radiology), **160**: 858, 1986

sonographic diagnosis of focal and diffuse infiltrating intrascrotal lesions, Rifkin MD; Kurtz AB; Pasto ME, et al, (Radiology), **153**:

ultrasonic diagnosis of scrotal contents using newly developed circular compound scanner, Kimura A; Nakamura S; Niijima T, (Radiology), **152**: 267, 1984

ultrasound evaluation of scrotum in pediatrics, Finkelstein MS; Rosenberg HK; Snyder HM III; et al, (Radiology), **160**: 575, 1986

uncommon causes of scrotal and inguinal swelling in children: sonographic appearance, Han BK, (JCU), 14: 421, 1986

use of ultrasound for evaluating subactive unilateral scrotal swelling, Pintauro WL; Klein FA; Vick CW III; et al. (Radiology), 157: 286, 1985

varioceles: combined sonography and thermography in diagnosis and posttherapeutic evaluation, Hamm B; Fobbe F; Sorensen B; Felsenberg D, (Radiology), 160: 419, 1986

### Seizures

cause of neonatal convulsions: towards more precise diagnosis, Levene MI; Trounce JQ, (Radiology), **161**: 864, 1986

chronic seizure disorders: contribution of MR imaging when CT is normal, Laster DW; Penry JK; Moody DM; et al, (AJNR), 6: 177,

cryptic structural lesions in refractory partial epilepsy: MR imaging and CT studies, Ormson MJ; Kispert DB; Sharbrough FW; Houser OW; Earnest F IV; Scheithauer BW; Laws ER Jr, (Radiology), 160: 215, 1986

diagnostic assessment of single seizures: is cranial computed tomography necessary?, Russo LR Jr; Goldstein KH, (Radiology), 152:

local cerebral metabolism during partial seizures, Engel J Jr; Kuhl DE; Phelps ME; et al, (Radiology), **150**: 291, 1984

magnetic resonance imaging (1.5 Tesla) in patients with intractable focal seizures, Lesser RP; Modic MT; Weinstein MA; et al, (Radiology), 160: 861, 1986

patients with partial seizures: evaluation by MR, CT, and PET imaging, Latack JT; Abou-Khalil BW; Siegel GJ; Sackellares JC; Gabrielsen TO; Aisen AM, (Radiology), 159:

seizures due to central nervous system rheumatoid meningovasculitis, Beck DO; Corbett JJ, (Radiology), 151: 551, 1984

transient computed tomographic abnormalities after focal seizure Dillon WP; Brant-Zawadzki M; Sherry RG, (AJNR), 5: 107, 1984

## Selenium, radioactive

comparison between the use of a shadow shield whole body counter and an snied whole body counter and an uncollimated gamma camera in the assessment of the seven day retention of SeHCAT, Hanes TK; Condon BR; Fleming JS; et al. (Radiology), 154: 861, 1985

## Sella turcica, CT

CT of the sella turcica after transsphenoidal resection of pituitary adenomas, Kaplan HC; Baker HL Jr; Houser OW; et al, (AJNR), 6:

direct coronal CT: an aid to the diagnosis of sellar lesions, Kuuliala I; Katevuo K, (Radiology), 155: 278, 1985

empty sella: air-enhanced CT, Al-Mefty O; Fox JL; Reese MS, (Radiology), 155: 253, 1985

empty sella of normal size in Sheehan's syndrome, Fleckman AM; Schubart UK; Danziger A; et al, (Radiology), 151: 824, 1984

intrasellar gangliocytoma and syndromes of pituitary hypersecretion. case report, Fischer EG; Morris JH; Kettyle WM, (Radiology), **152**: 856, 1984

Sella turcica, empty
empty sella: air-enhanced CT, Al-Mefty O;
Fox JL; Reese MS, (Radiology), 155: 253, 1985
hypothalamic-pituitury dysfunction in
primary empty sella syndrome in childhood,
Shulman DI; Martinez CR; Bercu BB; et al,
(Radiology), 160: 861, 1986
Sella turcica, fractures

fracture of the sella turcica: report of three cases, Keeling FP; Ayers AB; Field S; et al, (Clin Radiol), 37: 233, 1986

Sella turcica, MR studies

ella turcica, MR studies pituitary adenomas: high-resolution MR imaging at 1.5 T, Kucharczyk W; Davis DO; Kelly WM; Sze G; Norman D; Newton TH, (Radiology), 161: 761, 1986 pituitary fossa: chemical shift effect in MR imaging, Haughton VM; Prost R, (Radiology), 158: 461, 1986 sellar and juxtasellar lesion detection with MR, Lee BCP; Deck MDF, (Radiology), 157: 143,

1985 suprasellar lesions: evaluation with MR imaging, Karnaze MG; Sartor K; Winthrop JD; Gado MH; Hodges FJ III, (Radiology), 161:77, 1986 Sella turcica, neoplasms

differentiation of large suprasellar masses by evaluation of the superior margin, Lanzieri CF; Sacher M; Solodnik P; et al, (CT), 10: 215, 1986

intrasellar gangliocytoma and syndromes of pituitary hypersecretion. case report, Fischer EG; Morris JH; Kettyle WM, (Radiology), 152: 856, 1984

Seminal vesicle
computed tomography, sonography,
vesiculography, and MR imaging of a
seminal vesical cyst, Kneeland JB; Auh YH;
McCarron JP; et al. (JCAT), 9: 964, 1985
seminal vesice absesses: diagnosis by
transrectal ultrasound, Lee SB; Lee F;

Solomon MH; et al, (JCU), 14: 546, 1986

sonographic diagnosis of seminal vesicle cysts, Eisenberg D; Luis-Jorge JC; Himmelfarb EH; et al. (JCU), 14: 213, 1986 special device for the objective size

special device for the objective size measurement of the prostata via transrectal sonography, Pfitzenmaier N; Malzacher F, (Radiology), 150: 299, 1984 transrectal ultrasound tomography by electronic linear scanner, Schuller J; Walther V, (Radiology), 150: 299, 1984

Seminal vesicle, neoplasms carcinoma of the seminal vesicle: CT appearance, Sussman SK; Dunnick NR; Silverman PM; et al, (JCAT), 10: 519, 1986

CT evaluation of advanced seminoma treated with chemotherapy, Stomper PC; Jochelson MS; Friedman EL; et al, (AJR), **146**: 745, 1986

priorities for computed tomography in the management of testicular seminoma, Chisholm EM; Jones WG; Shiels RA; et al, (Radiology), 156: 281, 1985

radiation therapy in bulky seminoma, Green N; Broth E; George FW; et al, (Radiology), **150**: 871, 1984 (Radiology), 130: 6/1, 1364 radiotherapy in seminoma of the testes, Read GS; Robertson AG; Blair V, (Radiology), 151: 564, 1984

testicular seminoma: analysis of treatment results and failures, Lester SG; Morphis JG II; Hornback NB, (Int J Radiat Oncol Biol Phys), 12: 353, 1986

Septum pellucidum

CT changes in the septum pellucidum associated with intraventricular craniopharyngiomas, Lanzieri CF; Sacher M; Som PM, (JCAT), 9: 507, 1985 physiological calcification of the septum pellucidum, Sakai H; Nakamura N, (Neuroradiol), 28: 173, 1986

septal veins: normal finding on neonatal cranial sonography, Goldstein RB; Filly RA; Toi A, (Radiology), 161: 623, 1986

fetal sex determination by ultrasound scan in the second and third trimesters, Plattner G; Renner W; Went J; et al, (Radiology), **150**:

prenatal ultrasound diagnosis of ambiguous genitalia, Cooper C; Mahony BS; Bowie JD; et al, (J Ultrasound Med), 4: 433,

sonographic evaluation of the testicular feminization syndrome, Schwimer SR; Rubinstein L; Lebovic J, (J Ultrasound Med), technical difficulties of selective venous blood chnical difficulties of selective venous block sampling in the differential diagnosis of female hyperandrogenism, Sorensen R; Moltz L; Schwartz Ü, (Cardiovasc Intervent Radiol), 9: 75, 1986

wisualization of the fetal genitalia by ultrasonography: review of the literature and analysis of its accuracy and ethical implications, Elejalde BR; de Elejalde MM; Heitman T, (J Ultrasound Med), 4: 633, 1985

Sezary syndrome

See Mycosis fungoides

### Shoulder

high-resolution MR imaging using loop-gap resonators: work in progress, Kneeland JB; Jesmanowicz A; Froncisz W; Grist TM; Hyde JS, (Radiology), 158: 247, 1986

osteoarthritis of the glenohumeral joint: radiologic-pathologic study, Kerr R; Resnick D; Pineda C; et al, (AJR), 144: 967, 1985

role of atmospheric pressure in stabilising the shoulder, Kumar VP; Balasubramaniam P, (Radiology), **159**: 572, 1986

shoulder instability: impact of glenohumeral arthrotomography on treatment, El-Khoury GY; Kathol MH; Chandler JB; Albright JP, (Radiology), **160**: 669, 1986

Shoulder, abnormalities

computed and conventional omputed and conventional arthrotomography of the glenohumeral joint: normal anatomy and clinical experience, Deutsch AL; Resnick D; Mink JH; Berman JL; Cone RO III; Resnik C5; Danzig L; Guerra J Jr, (Radiology), 153: 603, 1984

shoulder impingement syndrome: radiographic evaluation, Cone RO III; Resnick D; Danzig L, (Radiology), **150**: 29,

shoulder instability: impact of glenohumeral arthrotomography on treatment, El-Khoury GY; Kathol MH; Chandler JB; Albright JP, (Radiology), **160**: 669, 1986

ultrasonography of the rotator cuff, Crass JR; Craig EV; Bretzke C; Feinberg SB, (Radiographics), 5: 941, 1985

Shoulder, anatomy

arthrotomography of the shoulder, Resnik CS; Deutsch ÅL; Resnick D; Mink JH; Berman JL; Cone RO III; Danzig L; Guerra J Jr, (Radiographics), 4: 963, 1984

MR imaging of the normal shoulder, Huber DJ; Sauter R; Mueller E; Requardt H; Weber H, (Radiology), **158**: 405, 1986

normal shoulder: MR imaging, Kieft GJ; Bloem JL; Obermann WR; Verbout AJ; Rozing PM; Doornbos J, (Radiology), 159: 741, 1986

Shoulder, arthrography

arthrographic visualization of rotator cuff tears: optimal application of stress to the shoulder, Garcia JF, (Radiology), **150**: 595,

arthrotomography of the shoulder, Resnik CS; Deutsch AL; Resnick D; Mink JH; Berman JL; Cone RO III; Danzig L; Guerra J Jr, (Radiographics), 4: 963, 1984

compensation filter for shoulder radiography, Vezina JA, (Radiology), 155: 823, 1985

computed and conventional omputed and conventional arthrotomography of the glenohumeral joint: normal anatomy and clinical experience, Deutsch AL; Resnick D; Mink JH; Berman JL; Cone RO III; Resnik CS; Danzig L; Guerra J Jr. (Radiology), 153: 603, 1984

CT arthrography of capsular structures of the shoulder, Rafii M; Firooznia H; Golimbu C; et al, (AJR), 146: 361, 1986

double contrast CT arthrography of the glenoid labrum and shoulder girdle, Haynor DR; Shuman WP, (Radiographics), 4: 411, 1984

rotator cuff lesions of the shoulder: evaluation by direct sagittal CT arthrography, Beltran J; Gray LA; Bools JC, Zuelzer WA; Weis LD: Unverferth LJ, (Radiology), **160**: 161, 1986

rotator cuff tears: evaluation using double-contrast shoulder arthrography, Mink JH; Harris E; Rappaport M, (Radiology), 157:

shoulder arthrography: comparison of morbidity after use of various contrast media, Hall FM; Goldberg RP; Wyshak G; Kilcoyne RF, (Radiology), **154**: 339, 1985

- shoulder impingement syndrome: radiographic evaluation, Cone RO III; Resnick D; Danzig L, (Radiology), **150**: 29,
- shoulder instability: impact of glenohumeral arthrotomography on treatment, El-Khoury GY, Kathol MH; Chandler JB; Albright JP, (Radiology), 160: 669, 1986
- tumor involvement of peripheral joints other than the knee: arthrographic evaluation, De Smet AA; Levine E; Neff JR, (Radiology), 156: 597, 1985

### Shoulder, CT

- axillary arthrotomography of the glenoid labrum, Kleinman PK; Kanzaria PK; Goss TP; et al, (AJR), 142: 993, 1984
- computed and conventional arthrotomography of the glenohumeral joint: normal anatomy and clinical experience, Deutsch AL, Resnick D; Mink JH; Berman JL; Cone RO III; Resnik CS; Danzig L; Guerra J Jr, (Radiology), 153: 603, 1984
- (Radiology), 158: 605, 1764
  computed tomographic documentation of
  intra-articular penetration of a screw after
  operations on the shoulder: report of two
  cases, Lower RF; McNiesh LM; Callaghan JJ,
  (Radiology), 158: 859, 1986
- CT arthrography of capsular structures of the shoulder, Rafii M; Firooznia H; Golimbu C; et al, (AJR), 146: 361, 1986
- double contrast CT arthrography of the glenoid labrum and shoulder girdle, Haynor DR; Shuman WP, (Radiographics), 4: 411, 1984
- loose body within the glenohumeral joint in recurrent anterior dislocation: CT demonstration, Gould R; Rosenfield AT; Friedlaender GE, (JCAT), 9: 404, 1985
- rotator cuff lesions of the shoulder: evaluation by direct sagittal CT arthrography, Beltran J; Gray LA; Bools JC; Zuelzer WA; Weis LD; Unverferth LJ, (Radiology), 160: 161, 1986

### Shoulder, dislocation

- loose body within the glenohumeral joint in recurrent anterior dislocation: CT demonstration, Gould R; Rosenfield AT; Friedlaender GE, (JCAT), 9; 404, 1985
- radiographic evaluation of the modified Bristow procedure for recurrent anterior dislocation of the shoulder, Lemmens JAM; Malefijt JdW, (Radiology), 155: 549, 1985

### Shoulder, injuries

- major ruptures of the rotator cuff, Watson M, (Radiology), 158: 571, 1986
- pitfalls of rotator cuff sonography, Middleton WD; Reinus WR; Melson GL; et al, (AJR), 146: 555, 1986
- rotator cuff lesions of the shoulder: evaluation by direct sagittal CT arthrography, Beltran J; Gray LA; Bools JC; Zuelzer WA; Weis LD; Unverferth LJ, (Radiology), 160: 161, 1986
- rotator cuff tears: evaluation using double-contrast shoulder arthrography, Mink JH; Harris E; Rappaport M, (Radiology), 157:
- shoulder impingement syndrome: prevalence of radiographic findings and correlation with response to therapy, Hardy DC; Vogler JB III; White RH, (AJR), 147: 557, 1986
- sonographic detection of rotator cuff tears, Middleton WD; Edelstein G; Reinus WR; et al, (AJR), 144: 349, 1985
- sonography case of the day, Feinberg SB; Crass JR; Kirkham J, (AJR), 144: 1303, 1985
- sonography of the postoperative rotator cuff, Crass JR; Craig EV; Feinberg SB, (AJR), 146: 561, 1986
- stress-induced osteolysis of the clavicle, Kaplan PA; Resnick D, (Radiology), 158: 139, 1986
- traumatic scapulothoracic dissociation, Rubenstein JD; Ebraheim NA; Kellam JF, (Radiology), **157**: 297, 1985
- (Natural Marketter) (US evaluation of the rotator cuff, Mack LA; Matsen FA III; Kilcoyne RF; Davies PK; Sickler ME, (Radiology), 157: 205, 1985

# Shoulder, MR studies

- MR imaging of the normal shoulder, Huber DJ; Sauter R; Mueller E; Requardt H; Weber H, (Radiology), **158**: 405, 1986
- normal shoulder: MR imaging, Kieft GJ; Bloem JL; Obermann WR; Verbout AJ; Rozing PM; Doornbos J, (Radiology), 159: 741, 1986

rotator cuff tears: preliminary application of high-resolution MR imaging with counter rotating current loop-gap resonators, Kneeland JB: Carrera GF: Middleton WD: Campagna NF: Ryan LM: Jesmanowicz A; Froncisz W; Hyde JS, (Radiology), 160: 695,

### Shoulder, prostheses

- radiology of total shoulder prostheses, Feldman F, (Semin Roentgenol), 21: 47, 1986
- Shoulder, radiography
- houlder, radiography compensation filter for shoulder radiography, Vezina JA, (Radiology), 155: 823, 1985 "drooping shoulder"—nontraumatic causes of glenohumeral subluvation, Lev-Toaff AS; Karasick D; Rao VM, (Radiology), 154: 848,

### Shoulder, US studies

- pitfalls of rotator cuff sonography, Middleton WD; Reinus WR; Melson GL; et al, (AJR), 146: 555, 1986
- sonographic detection of rotator cuff tears, Middleton WD; Edelstein G; Reinus WR; et al, (AJR), 144: 349, 1985
- sonography of the postoperative rotator cuff, Crass JR; Craig EV; Feinberg SB, (AJR), 146: 561, 1986
- ultrasonography of the rotator cuff, Crass JR; Craig EV; Bretzke C; Feinberg SB, (Radiographics), 5: 941, 1985
- (Radiography of the rotator cuff: technique and normal anatomy, Middleton WD; Edelstein G; Reinus WR; et al, (J Ultrasound Med), 3: 549, 1984
- US evaluation of the rotator cuff, Mack LA; Matsen FA III; Kilcoyne RF; Davies PK; Sickler ME, (Radiology), 157: 205, 1985
- US of the biceps tendon apparatus, Middleton WD; Reinus WR; Totty WG; Melson GL; Murphy WA, (Radiology), 157: 211, 1985

### Shunts, aorticopulmonary

noninvasive evaluation of Blalock-Taussig shunts: determination of patency and differentiation from patent ductus arteriosus by Doppler echocardiography. Stevenson JG; Kawabori I; Bailey WW, (Radiology), 152: 265, 1984

### Shunts, arterioportal

- dynamic CT features of arterioportal shunts in hepatocellular carcinoma, Itai Y; Furui S; Ohtomo K; et al, (AJR), 146: 723, 1986
- Ontomo K, et al. (AJK), 146:725, 1766 hepatoma, arterioportal shunting, and hyperkinetic portal hypertension: therapeutic embolization, Morse SS; Sniderman KW; Galloway S; Rapoport S; Ross GR; Glickman MG, (Radiology), 155: 77,
- occurrence of an intrahepatic porto-arterial shunt after hepatic artery embolization with Gelfoam powder in rats and rabbits, Matsui 0; Kawamura I; Takashima T, (Acta Radiol [Diagn]), 27: 119, 1986

### Shunts, arteriovenous

- marked hypervascularity and early arteriovenous shunting with portal vein filling in chronic relapsing pancreatitis, Kitagawa K; Takashima T; Matsui O; et al, (Gastrointest Radiol), 11: 56, 1986
- Shunts, arteriovenous, pulmonary anatomical lung shunting in pulmonary fibrosis, Miller WC; Heard JG; Unger KM; et al, (Radiology), 161: 283, 1986

### Shunts, cardiac

use of factor analysis in the evaluation of left to right cardiac shunts, Villanueva-Meyer J; Philippe L; Cordero S; et al, (J Nucl Med), 27: 1442, 1986

### Shunts, mesocaval

pulsed Doppler and B-mode ultrasound features of interposition meso-caval and porta-caval shunts, Forsberg L; Holmin T, (Radiology), 152: 864, 1984

## Shunts, peritoneovenous

- evaluation of peritoneovenous shunt patency by intraperitoneal Tc-99m macroaggregated albumin: clinical experience, Stewart CA; Sakimura IT; Applebaum DM; et al, (AJR),
- evaluation of peritoneovenous shunt patency with Tc-99m labeled microspheres, Madeddu G; D'Ovidio NG; Casu AR; et al, (Radiology), 151: 561, 1984

## Shunts, portacaval

aneurysmal portahepatic venous fistula: report of two cases, Chagnon SF; Vallee CA; Barge J; Chevalier L; Le Gal J; Blery MV, (Radiology), 159: 693, 1986

- expandable intrahepatic portacaval shunt stents: early experience in the dog, Palmaz JC; Sibbitt RR; Reuter SR; et al, (AJR), **145**: 821, 1985
- pulsed Doppler and B-mode ultrasound features of interposition meso-caval and porta-caval shunts, Forsberg L; Holmin T, (Radiology), 152: 864, 1984
- shunts for portal hypertension: MR and angiography for determination of patency, Bernardino ME; Steinberg HV; Pearson TC; Gedgaudas-McClees RK; Torres WE; Henderson JM, (Radiology), 158: 57, 1986

### Shunts, portosystemic

- congenital portosystemic shunt diagnosed by combined real-time and Doppler sonography, Wittich G; Jantsch H; Tscholakoff D, (J Ultrasound Med), 4: 315,
- portal venous system measurements in portal hypertension, Lafortune M: Marleau D; Breton G; Viallet A; Lavoie P; Huet P-M, (Radiology), 151: 27, 1984
- portasystemic shunt fraction quantification with colonic iodine-123 iodoamphetamine, Yen C-K; Pollycove M; Crass R; et al, (J Nucl Med), 27: 1321, 1986
- Med), 27: 1321, 1986
  portasystemic shunting remains the procedure
  of choice for control of variceal hemorrhage,
  Levine BA; Caskill HV III; Sirinek KR,
  (Radiology), 156: 855, 1985
  restoration of portal venous perfusion and
  reversal of encephalogathy by balloon
  occlusion of portal systemic shunt, Potts JR
  III; Henderson JM; Millikan WJ Jr; et al,
  (Radiology), 156: 562, 1985
- (Radiology), 596: 592, 1965 shunts for portal hypertension: MR and angiography for determination of patency, Bernardino ME; Steinberg HV; Pearson TC; Gedgaudas-McClees RK; Torres WE; Henderson JM, (Radiology), 158: 57, 1986
- ultrasound detection of unusual spontaneous portosystemic shunts associated with uncomplicated portal hypertension, Di Candio G; Campatelli A; Mosca F; et al, (J Ultrasound Med), 4: 297, 1985

### Shunts, splenorenal

- management of stenosis of distal splenorenal shunt by balloon dilatation, Henderson JM; El Khishen MA; Millikan WJ; et al, (Radiology), 151: 546, 1984
- postoperative assessment of splenorenal shunts with MRI: preliminary investigation Cohen JM; Weinreb JC; Redman HC, (AJR), 146: 597, 1986
- shunts for portal hypertension: MR and angiography for determination of patency, Bernardino ME; Steinberg HV; Pearson TC; Gedgaudas-McClees RK; Torres WE; Henderson JM, (Radiology), 158: 57, 1986

### Shunts, ventricular

- assessment of ventricular shunt patency by sonography: new noninvasive test, Widder DJ; Davis KR; Taveras JM, (AJNR), 7:
- metrizamide shuntography for evaluation of shunt malfunction in hydrocephalus, Mirfakhraee M; Benzel EC; Crofford MJ; et al, (AJNR), 6: 815, 1985

### Shunts, ventriculoatrial

- chronic pulmonary embolism in children, Woodruff WW III; Merten DF; Wagner ML; Kirks DR, (Radiology), 159: 511, 1986
- contrast echocardiographic right-to-left flow in left ventricular-to-right atrial shunt, Grenadier E; Keidar S; Palant A, (Radiology), 152: 265, 1984
- scintigraphic evaluation of cerebrospinal fluid diversionary shunt: complications of the atrial limb, Lecklither ML; Rosen P; Brady MB, (Semin Nucl Med), 15: 397, 1985

### Shunts, ventriculoperitoneal

- assessment of ventricular shunt patency by sonography: new noninvasive test, Widder DJ; Davis KR; Taveras JM, (AJNR), 7:
- scintigraphic evaluation of cerebrospinal fluid diversionary shunt: complications of the proximal limb, Lecklitner ML, Brady MB, (Semin Nucl Med), 15: 395, 1985
- scintigraphic evaluation of cerebrospinal fluid diversionary shunt: complications of the peritoneal limb, Lecklitner ML; Brady MB, (Semin Nucl Med), 15: 399, 1985
- splenic pseudocyst as a complication of ventriculoperitoneal shunt: CT features, Mata J; Alegret X; Llauger J, (JCAT), 10: 341,

Sialography

See Salivary glands, radiography

Sickle cell disease (SS, SC)

acute chest syndrome in sickle cell disease: etiology and clinical correlates, Poncz M; Kane E; Gill FM, (Radiology), **159**: 576, 1986

bone ischaemia and infarction in sickle cell disease, Bohrer SP, Reviewed by Robinson KE, (Radiology), 152: 600, 1984

case report 379, Wiggins T; Bohrer SP, (Skeletal Radiol), 15: 409, 1986

computed tomography of the spleen and liver in sickle cell disease, Magid D; Fishman EK; Siegelman SS, (AJR), 143: 245, 1984

Gigital subtraction angiography in pediatric cerebrovascular occlusive disease, Faerber EN; Griska LAB; Swartz JD; Capitanio MA; Popky GL, (Radiology), 152: 391, 1984

MRI of the spleen: normal appearance and findings in sickle-cell anemia, Adler DD; Glazer GM; Aisen AM, (AJR), 147: 843, 1986

osteomyelitis and infarction in sickle cell hemoglobinopathies: differentiation by combined technetium and gallium scintigraphy, Amundsen TR, Siegel MJ, Siegel BA, (Radiology), 153: 807, 1984

painful sickle cell crisis: bone marrow patterns observed with MR imaging, Rao VM; Fishman M; Mitchell DG; Steiner RM; Ballas SK; Axel L; Dalinka MK; Gefter WB; Kressel HY, (Radiology), 161: 211, 1986

protrusio acetabuli in sickle-cell anemia, Martinez S; Apple JS; Baber C; Putman CE; Rosse WF, (Radiology), 151: 43, 1984

renal infarction: CT diagnosis and correlation between CT findings and etiologies, Wong WS; Moss AA; Federle MP; Cochran ST; London SS, (Radiology), 150: 201, 1984

scintigraphic differentiation of bone infarction from osteomyelitis in children with sickle cell disease, Rao S; Solomon N; Miller S; et al, (Radiology), 159: 576, 1986

sickle-cell nephropathy: MR imaging, Lande IM; Glazer GM; Sarnaik S; Aisen AM; Rucknagel D; Martel W, (Radiology), 158: 379, 1986

tibial and fibular angles in homozygous sickle cell disease, Akamaguna AI; Odita JC; Ugbodaga CI; et al, (Eur J Radiol), 6: 97, 1986

breast irradiation following silicone gel implants, Jacobson GM; Sause WT; Thomson JW; et al, (Int J Radiat Oncol Biol Phys), 12: 835, 1986

CT in silicosis: correlation with plain films and pulmonary function tests, Bergin CJ; Muller NL; Vedal S; et al, (AJR), 146: 477,

silicone implants for treatment of retinal detachment: computed tomographic appearance, Johnson MH; Smyser GS; De Filipp GF; et al, (AJNR), 5: 59, 1984

Single-photon emission tomography

See Emission CT

Sinuses, cavernous

See Cavernous sinus

Sinuses, coronary

CT demonstration of the coronary sinus, Micklos TJ; Proto AV, (JCAT), 9: 60, 1985 Sinuses, dural

fat in the dural sinus, Tokiguchi S; Ando K; Tsuchiya T; et al, (Neuroradiol), 28: 267,

Sinuses, dural, thrombosis

computed tomography of dural sinus thrombosis, Goldberg AL; Rosenbaum AE; Wang H; et al. (JCAT), 10: 16, 1986

waing n; et al, UCA1), the no, 1980 dural sinus thrombosis: study using intermediate field strength MR imaging, McMurdo SK Jr; Brant-Zawadzki M; Bradley WG Jr; Chang GY; Berg BO, (Radiology), 161: 83, 1986

MR imaging of cerebral dural sinus thrombosis, Snyder TC; Sachdev HS, (JCAT), 10: 889, 1986

Sinuses, frontal

See Paranasal sinuses

Sinuses, lateral, thrombosis

lateral sinus thrombosis—medical or surgical treatment, Goldenberg RA, (Radiology), **157**: 284, 1985

lateral sinus thrombosis: sometimes unexpected diagnosis, Hawkins DB, (Radiology), 159: 574, 1986 Sinuses, maxillary

See Paranasal sinuse

Sinuses, paranasal See Paranasal sinus

Sinuses, sphenoid See Paranasal sinuses

Sinuses, superior sagittal

anatomic variations of venous sinuses in the region of the torcular herophili, Bisaria KK, (Radiology), **157**: 854, 1985

(Radiology), 157: 534, 1965
Sinuses, superior sagittal, thrombosis
diagnosis of superior sagittal sinus thrombosis
by computerized tomography. report of two
cases, D'Avella D; Russo A; Santoro G; et al,
(Radiology), 157: 571, 1985
superior sagittal sinus thrombosis: assessment
with Tc-99m labeled red blood cells,
Front D; Israel O; Even-Sapir E; Feinsud M,
(Radiology), 158: 453, 1986

nacute sinusitis mimicking antrochoanal polyp, Nino-Murcia M; Rao VM; Mikaelian DO; et al, (AJNR), 7: 513, 1986

hidden antral compartment, Som PM; Sacher M; Lanzieri CF; Lawson W; Shugar JMA, (Radiology), **152**: 463, 1984 Shugar JMA, (Kadiology), 152: 463, 1984 immotile cilia syndrome: radiological manifestations, Nadel HR; Stringer DA; Levison H; Turner JAP; Sturgess JM, (Radiology), 154: 651, 1985 pneumatisation of the maxillary sinus in normal and symptomatic children, Odita JC; Akamaguna AI; Ogisi FO; et al., (Pediatr Radiol), 16: 365, 1986

radiological appearance of the post-Caldwell-Luc maxillary sinus, Unger JM; Dennison BF; Duncavage JA; et al, (Clin Radiol), 37: 77, 1986

sinusitis in immunodeficient and immunosuppressed patients, Berlinger NT, (Radiology), 157: 857, 1985

Sjogren syndrome See Eye, diseases

Skeleton

See Bones Skin

scrotal and abdominal skin necrosis therapy for bleeding esophageal varices, Gogel HK; Sherman RW; Becker LE, (Radiology), 157: 279, 1985

sonographic appearance of an epidermal inclusion cyst, Vincent LM; Parker LA; Mittelstaedt CA, (J Ultrasound Med), 4: 609,

acro-osteolysis associated with hypertrophic pulmonary osteoarthropathy and pachydermoperiostosis, Joseph B; Chacko V, (Radiology), 154: 343, 1985

epidermolysis bullosa—pyloric atresia. an autosomal recessive syndrome, Bull MJ; Norins AL; Weaver DD; et al, (Radiology),

giant cell tumour of bone in focal dermal hypoplasia, Joannides T; Pringle JAS; Shaw DG; et al. (Radiology), 152: 551, 1984 oculocerebrocutaneous syndrome, Wilson RD; Traverse L; Hall JG; et al. (Radiology), 157: 859, 1985

pancreatic acinar cell carcinoma with subcutaneous and intraosseous fat necrosis, Radin DR; Colletti PM; Forrester DM; Tang WW, (Radiology), 158: 67, 1986

CT demonstration of steatocystoma multiplex, Sonnenblick EB; Buchness MR; Austin JHM, (JCAT), 10: 357, 1986

erosive arthropathy associated with scleromyxedema, Jamieson TW; De Smet AA; Stechschulte DJ, (Radiology), 159:

pyoderma gangrenosum and erosive peripheral arthritis, Griffiths HJ; Sundaram M, (J Canad Assoc Radiol), 37:

125, 1986
Skin, effects of irradiation on
detection of the effects of low dose ionising
irradiation on epidermal function,
Barton SP; Black DR; Gaskell SA; et al,
(Radiology), 156: 863, 1985
thermal enhancement of radiation damage in
previously irradiated skin, Law MP;
Ahier RG; Somaia S, (Radiology), 156: 863,
1985

Skin, inflammation

See Dermatitis

Skin, neoplasms

conventional fractionated radiotherapy for 51 patients with lentigo maligna and lentigo maligna melanoma, Hawwood AR, (Radiology), 154: 572, 1985

cutaneous lymphoid hyperplasia: results of radiation therapy, Olson LE; Wilson JF; Cox JD, (Radiology), **155**: 507, 1985

treatment of basal-cell carcinoma: comparison of radiotherapy and cryotherapy, Hall VL; Leppard BJ; McGill J; et al, (Clin Radiol), 37: 33, 1986

Skin, therapeutic radiology

conventional fractionated radiotherapy for 51 patients with lentigo maligna and lentigo maligna melanoma, Hawwood AR, (Radiology), 154: 572, 1985

cutaneous lymphoid hyperplasia: results of radiation therapy, Olson LE; Wilson JF; Cox JD, (Radiology), 155: 507, 1985

dose distribution in total skin electron beam irradiation using the six-field technique, Niroomand-Rad A; Gillin MT; Komaki R; et al, (Int J Radiat Oncol Biol Phys), 12: 415, 1986

treatment of basal-cell carcinoma: comparison of radiotherapy and cryotherapy, Hall VL; Leppard BJ; McGill J; et al. (Clin Radiol), 37: 33, 1986

Skin, US studies

quantitative assessment of burn injury in porcine skin with high-frequency ultrasonic imaging, Brink JA; Sheets PW; Dines KA; et al, (Invest Radiol), 21: 645, 1986

sonographic appearance of an epidermal inclusion cyst, Vincent LM; Parker LA; Mittelstaedt CA, (J Ultrasound Med), 4: 609,

ultrasound examination of skin thickness in patients with progressive systemic sclerosis (scleroderma), Akesson A; Forsberg L; Hederstrom E; et al, (Acta Radiol [Diagn]),

ultrasound of normal skin, Fornage BD; Deshayes J-L, (JCU), 14: 619, 1986

See also Head

osteoradionecrosis of the maxilla and skull base, Komisar A; Silver C; Kalnicki S, (Radiology), 157: 857, 1985

Skull, abnormalities

appearance of hyperostosis frontalis interna on indium-111 leukocyte scans: potential diagnostic pitfall, Floyd JL; Jackson DE Jr; Carretta R, (J Nucl Med), 27: 495, 1986

basilar impression in children, Teodori JB; Painter MJ, (Radiology), 157: 282, 1985

cebocephaly: CT and sonographic findings, McCorkell SJ; Ohlsson A; Probst F, (AJNR), 6: 647, 1985

changes at the base of skull and cervical spine in Down syndrome, Miller JDR; Capusten BM; Lampard R, (J Canad Assoc Radiol), 37: 85, 1986

computed tomography in the study of the development of the skull base: 2. anencephaly, the aberrant skull form, Virapongse C; Sarwar M; Bhimani SM; et al, (JCAT), 9: 95, 1985

CT of dry skulls with craniofacial deformities: accuracy of three-dimensional reconstruction, Hemmy DC; Tessier PL, (Radiology), 157: 113, 1985

CT of the base of the skull, Whelan MA; Reede DL; Meisler W; et al, (Radiol Clin North Am), 22: 177, 1984

holoprosencephaly in infants of diabetic mothers, Barr M Jr; Hanson JW; Currey K; et al, (Radiology), **150**: 289, 1984

hydrocephalus and mental retardation in craniosynostosis, Noetzel MJ; Marsh JL, Palkes H; et al, (Radiology), 159: 575, 1986

lambdoid synostosis. part 2: review of cases managed at The Hospital for Sick Children, 1972-1982, Muakkassa KF; Hoffman HJ; Hinton DR; et al, (Radiology), 155: 550, 1985

neonatal skull depression unassociated with birth trauma, Eisenberg D; Kirchner SG; Perrin EC, (AJR), 143: 1063, 1984

occult cranium bifidum. radiological and surgical findings, Inoue Y; Hakuba A; Fujitani K; et al, (Radiology), 151: 821, 1984

"pneumoscalp" after pneumomediastinum in a neonate, Chawla HS; Naidech HJ, (AJNR), 5: 206, 1984

5: 206, 1984
premature closure of the frontozygomatic suture: unusual frontoorbital dysplasia mimicking unilateral coronal synostosis, Currarino G. (A]NR), 6: 643, 1985
prenatal and post-natal persistent overriding cranial sutures, Cavaluzzi JA; Oh KS;
Goldman SM, (Radiology), 157: 569, 1985

pseudo-widening of cranial sutures as a

feature of long-term prostaglandin E<sub>1</sub> therapy, Beitzke A; Stein J, (Pediatr Radiol), 16: 57, 1986

solographic diagnosis of cloverleaf skull and thanatophoric dysplasia in the second trimester, Weiner CP; Williamson RA; Bonsib SM, (JCU), 14: 463, 1986

sonographic findings in otocephaly (synotia), Cayea PD; Bieber FR; Ross MJ; et al, (J Ultrasound Med), 4: 377, 1985

transphenoidal canal (large craniopharyngeal canal) and its pathologic implications, Currarino G; Maravilla KR; Salyer KE, (A)NR), 6: 39, 1985

Skull, anatomy

computed tomographic anatomy of the pterygopalatine fossa, Curtin HD; Williams R, (Radiographics), 5: 429, 1985

computerized tomography of cranial sutures. part 1: comparison of suture anatomy in children and adults, Furuya Y; Edwards MSB; Alpers CE; et al, (Radiology), 154: 854, 1985

jugular foramen: anatomic and computed tomographic study, Daniels DL; Williams AL; Haughton VM, (AJR), 142: 153,

skull phylogeny: an investigation using radiography and high-resolution computed tomography, Virapongse C; Sarwar M; Bhimani S; et al, (AJNR), 5: 147, 1984

### Skull, CT See Head CT

Skull, cysts

aneurysmal bone cyst of the frontal bone—case report, Saha MM; Kapoor R, (Australas Radiol), 30: 8, 1986

giant intradiploic epidermoid cysts of the skull. report of two cases, Constans JP; Meder JF; De Divitiis E; et al, (Radiology), 158: 284, 1986

intradiploic epidermoid cysts in adults: CT contribution to diagnosis in 6 new cases, Guiard J-M; Kien P; Colombani S; et al, (J Neuroradiol), 15: 22, 1986

Skull, diseases

cranial CT findings in sclerosteosis, Hill SC; Stein SA; Dwyer A; et al, (AJNR), 7: 505,

Skull, fractures

kull, fractures
clivus fracture: CT demonstration, Kapila A;
Chakers Dw, (JCAT), 9: 1142, 1985
conventional tomography and computed
tomography for the diagnosis of frontobased fractures, Terrier F; Raveh J;
Burckhardt B, (Radiology), 154: 566, 1985
results of metrizamide CT cisternography: 37
cases of fracture of the base of the skull
(anterior and/or middle fossae), Cellerier P;
Georget AM; Irthum B; et al, (Radiology),
152: 856, 1984

skull fracture and the low risk of intracranial sequelae in minor head trauma, Thornbury JR; Campbell JA; Masters SJ; et al, (AJNR), 5: 459, 1984

Skull, growth and development

computed tomography in the study of the development of the skull base: I. normal morphology, Virapongse C; Shapiro R; Sarwar M; et al, (JCAT), 9: 85, 1985

Gai war M; et al., (J.C.A.1), 7: 63, 1963 computed tomography in the study of the development of the skull base: 2. anencephaly, the aberrant skull form, Virapongse C; Sarwar M; Bhimani SM; et al, (JCAT), 9: 95, 1985

CT measurements of cranial growth: alternative measurement method, Hahn FJ; Chu W-K; Cheung JY, (AJNR), 6: 537, 1985

CT measurements of cranial growth: microcephaly, Hahn FJ; Chu W-K; Torkelson RD, (AJNR), 5: 159, 1984

CT measurements of cranial growth: norma subjects, Hahn FJ; Chu W-K; Cheung JY, (AJNR), 5: 155, 1984

skull phylogeny: an investigation using radiography and high-resolution comp tomography, Virapongse C; Sarwar M; Bhimani S; et al, (AJNR), 5: 147, 1984

Skull, injuries

lipoma of the frontal bone, Rosenbloom SA; Osborne DRS, (AJNR), 6: 833, 1985

skull x-rays in head trauma: are they still necessary? a review of 1000 cases, Garniak A; Feivel M; Hertz M; et al, (Eur J Radiol), 6: 89, 1986

Skull, MR studies

base of the skull imaging, Osborn AG; Harnsberger HR; Smoker WRK, (Semin US CT MR), 7: 91, 1986

magnetic resonance imaging in Paget disease of the skull, Tjon-A-Tham RTO; Bloem JL; Falke THM; et al, (AJNR), 6: 879, 1985

Skull, neoplasms

n, heepfashis nondrosarcoma of the head and neck, Finn DG; Goepfert H; Batsakis JG, (Radiology), **157**: 572, 1985 chondre

chordoma: role of radiation therapy, Amendola BE; Amendola MA; Oliver E; McClatchey KD, (Radiology), **158**: 839, 1986 computed tomography of malignant lymphoma involving the skull, Holtas S; Monajati A; Utz R, (JCAT), 9: 725, 1985

lipoma of the frontal bone, Rosenbloom SA; Osborne DRS, (AJNR), 6: 833, 1985 osteogenic sarcoma of the skull: clinicopathologic study of 19 patients, Huvos AG; Sundaresan N; Bretsky SS; et al, (Radiology), 158: 859, 1986

Primary osteogenic sarcoma of the calvaria, Benson JE; Goske MJ; Han JS; et al. (AJNR), 5: 810, 1984

p: 010, 1984 prolactin-secreting pituitary adenomas: CT appearance in diffuse invasion, Virapongse C; Bhimani SM; Sarwar M; Greenberg A; Kim J, (Radiology), 152: 447, 1984

treatment of tumors involving the anterior cranial fossa, Jackson IT; Marsh WR; Hide TAH, (Radiology), **154**: 565, 1985

Skull, radiography epidermoids and dermoids of the calvarium bones in early childhood: their behavior in the growing skull, Holthusen W; Lassrich MA; Steiner C, (Radiology), 151:

innominate line, Whelan MA; Myung KH; Bergeron RT, (Radiology), 154: 280, 1985

osseous and fibro-osseous conditions affecting the craniofacial bones, Harrison DFN, (Radiology), 154: 281, 1985 polytomographic evaluation of the clivus and petrous apices: a new view, De la Cruz A, (Radiology), 153: 278, 1984

(Stull radiography in infants: potential hazards of the use of head clamps, Rosenblum J; Yousefzadeh DK; Ramilo JL, (Radiology), 161: 367, 1986

161: 367, 1986
skull radiology in patients with psychiatric illness, Rastogi SC; Barraclough BM, (Radiology), 52: 256, 1984
skull x-rays in head trauma: are they still necessary? a review of 1000 cases, Carniak A; Feivel M; Hertz M; et al, (Eur J Radiol), 6: 89, 1986

value of skull radiography in children with intracranial tumors, Wells SK, (Radiology), 157: 569, 1985

Skull, surgery gas bubbles in polymethylmethacrylate cranioplasty simulating abscesses: CT appearance, Mason TO; Rose BS; Goodman JH, (AJNR), 7: 829, 1986

roenigen stereophotogrammetric analysis of neurocranial suturectomy in rabbits, Alberius P; Selvik G; Ekelund L, (Radiology), 152: 857, 1984

Small intestine See Intestines

Sodium

See Magnetic resonance (MR), sodium studies Soft tiesu

See also names of soft tissues, such as Breast

Soft tissues, abscess

In 111 labeled leukocytes: review of problems in image interpretation, McAfee JG; Samin A, (Radiology), 155: 221, 1985

Soft tissues, calcification

calcification associated with terminal defects of the upper extremity, Stoskopf CA; Poznanski AK; Gilbert A; Faure C; Kaufman RA; Schmit P, (Radiology), 152:

case report 364, El-Khoury GY; Foucar E; Blair WF; et al, (Skeletal Radiol), 15: 313,

extensive subcutaneous calcification following injections of pitressin tannate, Adam A; Rakhit G; Beeton S; et al, (Radiology), 155:

fibrodysplasia ossificans progressiva: CT appearance, Reinig JW; Hill SC; Fang M; Marini J; Zasloff MA, (Radiology), 159: 153,

giant cell tumor: ossification in soft-tissue implants, Cooper KL; Beabout JW; Dahlin DC, (Radiology), 153: 597, 1984

influence of steroids on the development of soft tissue calcification at th margins of the distal tuberosities (tufts) of the fingers, Fischer E, (Radiology), 156: 564, 1985

subcutaneous calcifications masquerading as pulmonary lesions in long-term hemodialysis. review of nodular pulmonary opacities in the population undergoing hemodialysis, Jolles H; Johnson AC; Ell SR, (Radiology), 158: 566, 1986

vascular and soft tissue calcification in systemic oxalosis: CT diagnosis, Glickstein MF; Haggar AM; Coleman BG, (JCAT), 10: 691, 1986

Soft tissues, CT

aggressive fibromatosis: evaluation by computed tomography and angiography, Hudson TM; Vandergriend RA; Springfield DS; Hawkins IF Jr; Spanier SS; Enneking WF; Hamlin DJ, (Radiology), 150: 495, 1984

499, 1984
computed tomography of soft-tissue lesions of the extremities, pelvic and shoulder girdles: sonographic and pathological correlations, Hermann G; Yeh H-C; Schwartz IS, (Radiology), 154: 282, 1985
CT of soft-tissue neoplasms, Weekes RG; McLeod RA; Reiman HM; et al. (AJR), 144: 355, 1985

elastofibroma: chest wall pseudotumor, Berthoty DP; Shulman HS; Miller HAB, (Radiology), 160: 341, 1986

fibrodysplasia ossificans progressiva: CT appearance, Reinig JW; Hill SC; Fang M; Marini J; Zasloff MA, (Radiology), 159: 153,

MRI and CT evaluation of primary bone and soft-tissue tumors, Aisen AM; Martel W; Braunstein EM; et al, (AJR), **146**: 749, 1986

soft-tissue masses of the locomotor system: comparison of MR imaging with CT, Petasnick JP; Turner DA; Charters JR; Gitelis S; Zacharias CE, (Radiology), 160: 125, 1986

soft-tissue tumors: MR imaging, Totty WG; Murphy WA; Lee JKT, (Radiology), 160: 135,

Soft tissues, foreign bodies ultrasonic detection of soft tissue foreign bodies, Little CM; Parker MG; Callowich MC; et al. (Invest Radiol), 21: 275, 1986

echogenic intravascular and hepatic microbubbles associated with necrotizing enterocolitis, Malin SW; Bhutani VK; Ritchie WW; et al, (Radiology), 152: 255,

epidural gas: an unusual complication of Crohn disease, Burke VD; Mall JC, (AJNR), 5: 105, 1984

Soft tissues, infection mycetoma, Lewall DB; Ofole S; Bendl B, (Radiology), 159: 573, 1986

necrotizing fasciitis as a lethal complication of peritonsillar abscess, Wenig BL; Shikowitz MJ; Abramson AL, (Radiology), 157: 572, 1985

scintigraphic findings in chronic actinomycosis osteomyelitis and associated soft tissue infection, Grund FM; Ewing SL; Shafer RB, (Clin Nucl Med), 11: 23, 1986

Soft tissues, inflammation

See Cellulitis

Soft tissues, injuries

patient-induced stress test of the first metacarpophalangeal joint: radiographic assessment of collateral ligament injuries, Downey EF Jr; Curtis DJ, (Radiology), 158: 679, 1986

Soft tissues, MR studies

magnetic resonance imaging of the extremities, Rosenthal DI; Scott JA; Brady TJ, (Cardiovasc Intervent Radiol), 8: 377, 1986

MRI and CT evaluation of primary bone and soft-tissue tumors, Aisen AM; Martel W; Braunstein EM; et al, (AJR), 146: 749, 1986

MR in the diagnosis of malignant soft tissue tumors, Reiser M; Rupp N; Heller HJ; et al, (Radiology), **156**: 862, 1985

soft-tissue masses of the locomotor system: comparison of MR imaging with CT, Petasnick JP; Turner DA; Charters JR; Gitelis S; Zacharias CE, (Radiology), 160:

soft-tissue tumors: MR imaging, Totty WG; Murphy WA; Lee JKT, (Radiology), **160**: 135, 1986

### Soft tissues, neoplasms

bone-forming gastric metastases in muscle—computed tomographic demonstration, Obley DL; Slasky BS; Peel RL; et al, (Radiology), 150: 866, 1984

case report 354, Lagier R, (Skeletal Radiol), 15: 179, 1986

computed tomography and ultrasonography of the hemophilic pseudotumor and their use in surgical planning, Hermann G; Yeh H-C; Gilbert MS, (Skeletal Radiol), 15: 123, 1986

computed tomography of a benign mesenchymoma of soft tissue, Hudson TM; Bertoni F; Enneking WF, (JCAT), 9: 205, 1985

computed tomography of soft-tissue lesions of the extremities, pelvic and shoulder girdles: sonographic and pathological correlations, Hermann G; Yeh H-C; Schwartz IS, (Radiology), 154: 282, 1985

CT of soft-tissue neoplasms, Weekes RG; McLeod RA; Reiman HM; et al, (AJR), **144**: 355, 1985

Edinburgh experience of treating sarcomas of soft tissues and bone with neutron irradiation, Duncan W; Arnott SJ; Jack WJL, (Clin Radiol), 37: 317, 1986

elastofibroma: chest wall pseudotumor, Berthoty DP; Shulman HS; Miller HAB, (Radiology), **160**: 341, 1986

giant cell tumor: ossification in soft-tissue implants, Cooper KL; Beabout JW; Dahlin DC, (Radiology), **153**: 597, 1984

impact of improved local control on survival in patients with soft tissue sarcoma, Suit HD; Tepper JE, (Int J Radiat Oncol Biol Phys), 12: 699, 1986

interstitial 125I implantation in the retreatment of retroperitoneal soft tissue sarcoma: report of a case, Kumar PP; Good RR, (Acta Radiol [Oncol]), 25: 37, 1986

local control and survival in soft tissue kar control and survival in soft issues sarcomas of the limbs, trunk walls and head and neck: study of 113 cases, Abbatucci JS; Boulier N; de Ranieri J; et al, (Int J Radiat Oncol Biol Phys), 12: 579, 1986

mesenchymal chondrosarcoma of bone and soft tissue: review of 111 cases, Nakashima Y; Unni KK; Shives TC; et al, (Radiology), **161:** 575, 1986

mesenchymal chondrosarcoma of bone and soft tissues, Bertoni F; Picci P; Bacchini P; et al, (Radiology), **151:** 546, 1984

MRI and CT evaluation of primary bone and soft-tissue tumors, Aisen AM; Martel W; Braunstein EM; et al, (AJR), 146: 749, 1986

MR in the diagnosis of malignant soft tissue tumors, Reiser M; Rupp N; Heller HJ; et al, (Radiology), **156**: 862, 1985

osteogenic sarcoma of bones and soft tissues in older persons: clinicopathologic analysis of 117 patients older than 60 years, Huvos AG, (Radiology), **160**: 859, 1986

postradiation osteogenic sarcoma of bone and soft tissues. a clinicopathologic study of 66 patients. Huvos AG: Woodard HQ; Cahan WG; et al, (Radiology), **156**: 572, 1985

preoperative radiation therapy of high malignancy grade soft tissue sarcoma. a preliminary investigation, Mansson E; Willems J; Aparisi T; et al, (Radiology), 154: 264 1085

radiographic evaluation of soft tissue sarcomas, Totty WG, (Radiology), **157:** 566,

soft-tissue chondromas, Zlatkin MB; Lander PH; Begin LR; et al, (AJR), 144: 1263,

soft-tissue masses of the locomotor system: comparison of MR imaging with CT, Petasnick JP; Turner DA; Charters JR; Gitelis S; Zacharias CE, (Radiology), 160: 125, 1986 soft-tissue tumors: MR imaging, Totty WG; Murphy WA; Lee JKT, (Radiology), 160: 135,

technetium-99m MDP demonstration of neoplastic lesions involving bone and adjacent soft tissues, Mathews J; Slavin JD Jr; Spencer RP, (Clin Nucl Med), 11: 98, 1986

### Soft tissues, radionuclide studies

effects of inadvertent administration of antineoplastic agents prior to Ga-67 injection: concise communication, Bekerman C; Pavel DG; Bitran JD; et al, (Radiology), 154: 285, 1985

technetium-99m MDP demonstration of neoplastic lesions involving bone and adjacent soft tissues, Mathews J; Slavin JD Jr; Spencer RP, (Clin Nucl Med), 11: 98, 1986

technetium-99m Medronate uptake in subcutaneous soft-tissue nodules in a patient with renal failure and renal adenocarcinoma, MacMillan JC; Scott SJ; McHugh MI; et al, (Br J Radiol), 59: 613, 1986

### Soft tissues, therapeutic radiology

impact of improved local control on survival in patients with soft tissue sarcoma, Suit HD: Tepper JE, (Int J Radiat Oncol Biol Phys), 12: 699, 1986

local control and survival in soft tissue ocal control and survival in soft tissue sarcomas of the limbs, trunk walls and head and neck: study of 113 cases, Abbatucci JS; Boulier N; de Ranieri J; et al, (Int J Radiat Oncol Biol Phys), 12: 579, 1986

preoperative radiation therapy of high malignancy grade soft tissue sarcoma. a preliminary investigation, Mansson E; Willems J; Aparisi T; et al, (Radiology), **154**: 286, 1985

### Soft tissues, US studies

computed tomography of soft-tissue lesions of the extremities, pelvic and shoulder girdles: sonographic and pathological correlations, Hermann G; Yeh H-C; Schwartz IS, (Radiology), 154: 282, 1985

ultrasonic detection of soft tissue foreign bodies, Little CM; Parker MG; Callowich MC; et al, (Invest Radiol), **21**: 275,

pneumatic dilatation in patients with symptomatic diffuse esophageal spasm and lower esophageal sphincter and dysfunction, Ebert EC; Ouyang A; Wright SH; et al, (Radiology), 151: 259, 1984

### Special reports

antitrust aspects of exclusive contracts i ntitrust aspects of exclusive contracts in medical imaging, James AE Jr; Sloan FA; Hamilton R; Chick B; Zaner RM; Pendergrass HP; Stephens WH; Quimby CW Jr; Greeson T, (Radiology), 156: 237, 1985

catalog of intravascular contrast media, Fischer HW, (Radiology), 159: 561, 1986

ectopic pregnancy: malpractice paradigm, James AE Jr; Fleischer AC; Sacks GA; Greeson T, (Radiology), **160**: 411, 1986

film interpretation session. Radiological Society of North America Seventieth Society of North America Seventieth Scientific Assembly and Annual Meeting, November 1984, summary of discussion and diagnoses, Keats TE; Beneventano TC; Bragg DC; Hodges FJ III; Lawson JP; Singleton EB, (Radiology), 154: 255, 1985

film interpretation session: Radiological Society of North America seventy-first scientific assembly and annual meeting, November 1985 summary of discussion and diagnoses, Leopold GR, Alfidi RJ; Genant HK, Janower ML; McClennan BL; Rice RP, (Radiology), 157: 823, 1985

Medicare amendments change teaching hospital reimbursement, Linton OW, (Radiology), 161: 567, 1986

radiology malpractice lawsuits: California jury verdicts, Spring DB; Tennenhouse DJ, (Radiology), 159: 811, 1986

radionuclide thyroid studies: a survey of practice in the United States in 1981, Parker TW; Mettler FA Jr; Christie JH; Williams AG, (Radiology), 150: 547, 1984

recipients of the 1985 RSNA research fellowship, (Radiology), (Radiology), 157: 632, 1985

### Speech

difficulty in high-pitched phonation by laryngeal trauma, Hirano M; Kurita S; Terasawa R, (Radiology), 157: 284, 1985

esophageal speech: double-contrast evaluation of the pharyngo-esophageal segment, Gatenby RA; Rosenblum JS; Leonard CM; Moldofsky PJ; Broder GJ, (Radiology), 157: 127, 1985

esophageal speech: double-contrast evaluation of the pharyngo-esophageal segment, Timmons JH; Howard WH; Wright HR Jr, (Radiology), 160: 852, 1986

### Sphenoid bone

coexistence of a nasal mucoepidermoid carcinoma and sphenoid mucoceles: CT diagnosis and treatment implications, Schaeffer BT; Som PM; Sacher M; et al, (ICAT), 9: 803, 1985

### Sphenoid bone, neoplasms

case report 358, Crisi G; Calo M; Mauri C, (Skeletal Radiol), 15: 247, 1986

giant cell tumor of the sphenoid bone mimicking a pituitary tumor, Wilbur AC; Choi KH; Tan WS; et al, (AJNR), 7: 361, 1986

giant-cell tumor of the sphenoid bone. review of 10 cases, Wolfe JT III; Scheithauer BW; Dahlin DC, (Radiology), 151: 553, 1984

computed tomography of a false postoperative meningocele, Ramsey RG; Penn RD, (AJNR), 5: 326, 1984

double discontinuous lipomyelomeningocele: CT findings, Gorey MT; Naidich TP; McLone DG, (JCAT), 9: 584, 1985

importance of karyotype determination in a fetus with ventriculomegaly and spina bifida discovered during the third trimester, Chervenak FA; Goldberg JD; Chiu T-H; et al, (J Ultrasound Med), 5: 405, 1986

magnetic resonance imaging in occult spinal dysraphism, Roos RAC; Vielvoye GJ; Voormolen JHC; et al, (Pediatr Radiol), 16: 412, 1986

management of lipomyelomeningocele. experience at the Hospital for Sick Children, Toronto, Hoffman HJ; Taecholarn C; Hendrick EB; et al, (Radiology), 157: 855,

normal fetal sacrum simulating spina bifida: "pseudodysraphism", Dennis MA; Drose JA; Pretorius DH; Manco-Johnson ML, (Radiology), 155: 751, 1985

normal renal growth in children with myelodysplasia, Gross GW; Thornburg AJ; Bellinger MF, (AJR), 146: 615, 1986

progressive spasticity and scoliosis in children with myelomeningocele. radiological investigation and surgical treatment, Park TS; Cail WS; Maggio WM; et al, (Radiology), 158: 285, 1986

prominent choroid plexus in meningomyelocele: sonographic findings, Netanyahu I; Grant EG, (AJNR), 7: 317, 1986

sonographic recognition of postoperative meningocele, Laffey PA; Kricun ME, (AJNR), 5: 329, 1984

sonography of the caudal spine and back: congenital anomalies in children, Naidich TP; Fernbach SK; McLone DG; et al, (A)NR), 5: 221, 1984

spina bifida occulta: lesion or anomaly?, Boone D; Parsons D; Lachmann SM; et al, (Radiology), **156**: 565, 1985

intraoperative spinal sonography of soft-tissue masses of the spinal cord and spinal canal, Quencer RM; Montalvo BM; Green BA; et al, (AJNR), 5: 507, 1984

normal intraoperative spinal sonography, Quencer RM; Montalvo BM, (AJNR), 5: 501, 1984

### Spinal canal, CT

bony spinal canal changes that differentiate conjoined nerve roots from herniated nucleus pulposus, Hoddick WK; Helms CA, (Radiology), 154: 119, 1985

computed tomography with metrizamide myelography to define the extent of spinal canal block due to tumor, Fink IJ; Garra BS; Zabell A; et al, (JCAT), 8: 1072, 1984

CT measurement of the diameter of spinal and other bony canals: effects of section angle and thickness, Eubanks BA; Cann CE; Brant-Zawadzki M, (Radiology), 157: 243, 1985

- CT myelography of calcified thoracic neurilemoma, Dross PE; Raji MR, (AJNR), 6: 967, 1985
- normal fetal sacrum simulating spina bifida: "pseudodysraphism", Dennis MA; Drose JA; Pretorius DH; Manco-Johnson ML, (Radiology), 155: 751, 1985
- pure thoracolumbar facet dislocation: clinical features and CT appearance, Gellad FE; Levine AM; Joslyn JN; Edwards CC; Bosse M, (Radiology), 161: 505, 1986
- quantitative analysis of the cervical spinal canal by computed tomography, Stanley JH; Schabel SI; Frey GD; et al, (Neuroradiol), 28: 139, 1986
- thoracolumbar burst fractures: CT dimensions of the spinal canal relative to postsurgical improvement, Shuman WP, Rogers JV; Sickler ME; et al, (AJNR), 6: 337, 1985
- traumatic dural tears: CT diagnosis using metrizamide, Morris RE; Hasso AN; Thompson JR; Hinshaw DB Jr; Vu LH, (Radiology), 152: 443, 1984
- vertebral burst fractures: CT analysis of the retropulsed fragment, Guerra J Jr; Garfin SR; Resnick D, (Radiology), 153: 769, 1984

### Spinal canal, cysts

enterogenous intraspinal cysts, Agnoli AL; Laura A; Schonmayr R, (Radiology), 157: 571, 1985

### Spinal canal, MR studies

- diagnosis of spinal arteriovenous malformation in a pregnant patient by MR imaging, Kulkarni MV; Burks DD; Price AC; et al. (JCAT), 9: 171, 1985
- MR appearance of CSF pulsations in the spinal canal, Sherman JL; Citrin CM; Gangarosa RE; et al, (AJNR), 7: 879, 1986

### Spinal canal, neoplasms

- computed tomography with metrizamide myelography to define the extent of spinal canal block due to tumor, Fink IJ; Garra BS; Zabell A; et al, (JCAT), 8: 1072, 1984
- epidermoid tumor: unusual cause of ossification within the spinal canal, Willinsky RA; Tator CH; Lewis AJ; et al, (J Canad Assoc Radiol), 37: 56, 1986
- syringomyelia associated with intradural extramedullary masses of the spinal canal, Quencer RM; El Gammal T; Cohen G, (AJNR), 7: 143, 1986

### Spinal canal, stenosis

role of stenosis of spinal canal in L4-L5 nerve root compression assessed by flexionextension myelography, Wilmink JT; Penning L; vandenBurg W, (Radiology), 155: 279, 1985

### Spinal canal, US studies

- normal fetal sacrum simulating spina bifida: "pseudodysraphism", Dennis MA; Drose JA; Pretorius DH; Manco-Johnson ML, (Radiology), 155: 751, 1985
- sonographic measurement of the width of the spinal canal: comparison with CT, myelography and conventional radiography of the lumbar spine, Heizel MY; Betz H; Gladziwa U; et al, (Radiology), 157: 862, 1985
- sonography of the normal and abnormal intact lumbar spinal canal, Portela LA, (AJNR), 5: 791, 1984
- sonography of the normal and abnormal intact lumbar spinal canal, Portela LA, (AJR), 144: 386, 1985

### Spinal cord

- See also Arachnoid; Meninges
- case of the season, Byrne JV, (Semin Roentgenol), 21: 101, 1986
- epidural gas: an unusual complication of Crohn disease, Burke VD; Mall JC, (AJNR), 5: 105, 1984
- intraradicular herniated lumbar disc. a case report, Barbera J; Gonzalez-Darder J; Garcia-Vazquez F, (Radiology), **153**: 855, 1984

### Spinal cord, abnormalities

- anomalies of origin of lumbosacral nerve roots: myelographic signs and surgical findings, Babin E; Matge G; Dietemann JL, (Radiology), **151**: 267, 1984
- cranio-cervical growth collision: another explanation of the Arnold-Chiari malformation and of basilar impression, Roth M, (Neuroradiol), 28: 187, 1986

- CT myelographic findings in degenerative disorders of the cervical spine: clinical significance, Penning L; Wilmink JT; van Woerden HH; et al. (AJNR), 7: 119, 1986
- demonstration of diastematomyelia and associated abnormalities with MR imaging, Han JS; Benson JE; Kaufman B; et al, (AJNR), 6: 215, 1985
- differentiation of tumor from syringohydromyelia: intraoperative neurosonography of the spinal cord, Hutchins WW; Vogelzang RL; Neiman HL; Fuld IL; Kowal LE, (Radiology), 151: 171, 1984
- digital myelography of spinal dysraphism in infancy: preliminary results, Barnes PD; Reynolds AF; Galloway DC; et al, (AJNR), 5: 208, 1984
- double discontinuous lipomyelomeningocele: CT findings, Gorey MT; Naidich TP; McLone DG, (JCAT), 9: 584, 1985
- magnetic resonance demonstration of multiple sclerosis plaques in the cervical cord, Maravilla KR; Weinreb JC; Suss RA; et al, (AJR), 144: 381, 1985
- magnetic resonance imaging in infants and children with spinal dysraphism, Barnes PD; Lester PD; Yamanashi WS; et al, (AJNR), 7: 465, 1986
- MR imaging of syringomyelia and hydromyelia, Lee BCP; Zimmerman RD; Manning JJ; et al, (AJNR), 6: 221, 1985
- origin of spinal arteriovenous malformation and normal cord vasculature from a common segmental artery: angiographic and therapeutic considerations, Doppman JL; Di Chiro G; Oldfield EH, (Radiology), 154: 687, 1985
- primary tethered cord syndrome: a new hypothesis of its origin, Sarwar M; Virapongse C; Bhimani SM, (AJNR), 5: 235, 1984
- pseudohypertrophy of the calf following S1 radiculopathy, de Visser M; Verbeeten B Jr; Lyppens KCH, (Neuroradiol), **28**: 279, 1986

## Spinal cord, blood supply

spinal Wada test, Doppman JL; Girton ME; Oldfield EH, (Radiology), 161: 319, 1986

### Spinal cord, compression

- apnea as the sole manifestation of cord compression in achondroplasia, Fremion AS; Garg BP; Kalsbeck J, (Radiology), 153: 849, 1984
- case report 384, Merlini L; Albisinni U; Savini R, (Skeletal Radiol), 15: 488, 1986
- computed tomography in spinal hemangioma with cord compression: report of two cases, Schnyder P; Fankhauser H; Mansouri B, (Skeletal Radiol), 15: 372, 1986
- diffuse posterior hyperostosis of the cervical spine with cord compression: a Forestier (DISH) variant, Cholankeril JV; Cenizal JS; Ketyer S; et al, (Radiology), 150: 292, 1984
- epidural block: myelographic evaluation with single-puncture technique using metrizamide, Kelly WM; Badami P; Dillon WP, (Radiology), 151: 417, 1984
- hemorrhage and edema in acute spinal cord compression: demonstration by MR imaging, Hackney DB; Asato R; Joseph PM; Carvlin MJ; McGrath JT; Grossman RI; Kassab EA; DeSimone D, (Radiology), 161: 387, 1986
- lumbar nerve root compression by synovial cysts of the ligamentum flavum. report of four cases, Abdullah AF; Chambers RW; Daut DP, (Radiology), 153: 855, 1984
- lymphomatous meningitis and steroidinduced epidural lipomatosis: CT evaluation, Pennisi AK; Meisler WJ; Dina TS, (JCAT), 9: 595, 1985
- spinal cord compression in breast cancer, Harrison KM; Muss HB; Ball MR; et al, (Radiology), 157: 856, 1985
- vertebral hemangiomas: radiologic evaluation, Laredo J-D; Reizine D; Bard M; Merland J-J, (Radiology), **161**: 183, 1986

### Spinal cord, C

- case report: computed tomography findings in spinal arachnoiditis ossificans, Sefczek RJ; Deeb ZL, (Radiology), **151**: 830, 1984
- cervical radiculopathy: prospective evaluation with surface coil MR imaging, CT with metrizamide, and metrizamide myelography, Modic MT; Masaryk TJ; Mulopulos GP; Bundschuh C; Han JS; Bohlman H, (Radiology), 161: 753, 1986

- comparison of CT and MR in 400 patients with suspected disease of the brain and cervical spinal cord, Bradley WG Jr; Waluch V; Yadley RA; Wycoff RR, (Radiology), 152: 695, 1984
- computed tomography in cervical spondylotic myelopathy and radiculopathy: visualisation of structures, myelographic comparison, cord measurements and clinical utility, Yu YL; du Boulay GH; Stevens JM; et al, (Neuroradiol), 28: 221, 1986
- computed tomography of the spine and spinal cord. modern neuroradiology. vol. 1, Newton TH; Potts DG, eds, Reviewed by Latchaw RE, (Radiology), 150: 484, 1984
- CT demonstration of cervical diastematomyelia, Levine RS; Geremia GK; McNeill TW, (JCAT), 9: 592, 1985
- CT myelography in spinal cysticercosis, Zee C-S; Segall HD; Ahmadi J; et al, (JCAT), 10: 195, 1986
- CT myelography with intramedullary enhancement in cervical spondylosis, Iwasaki Y; Abe H; Isu T; et al, (Kadiology), 160: 861, 1986
- diagnosis of sacral perineural cysts by computed tomography, Tabas JH; Deeb ZL, (CT), 10: 255, 1986
- evaluation of cervical spinal cord injuries with metrizamide myelography-CT scanning, Cooper PR; Cohen W, (Radiology), 155: 554, 1985
- magnetic resonance imaging of the lumbar spine with CT correlation, Maravilla KR; Lesh P; Weinreb JC; et al, (AJNR), 6: 237, 1985
- MRI versus conventional radiologic examinations in the evaluation of the craniovertebral and cervicomedullary junction, Smoker WRK; Keyes WD; Dunn VD; Menezes AH, (Radiographics). 6: 953, 1986
- normal conus medullaris: CT criteria for recognition, Grogan JP; Daniels DL; Williams AL; Rauschning W; Haughton VM, (Radiology), 151: 661, 1984
- postmyelographic CT evaluation of multiple blocks due to metastases, Tan WS; Wilbur AC; Spigos DG, (JCAT), 9: 979, 1985
- posttraumatic progressive myelopathy. clinical and radiologic correlation employing MR imaging, delayed CT metrizamide myelography, and intraoperative sonography, Gebarski SS; Maynard FW; Gabrielsen TO; Knake JE; Latack JT; Hoff JT, (Radiology), 157: 379, 1985
- spontaneous cervical epidural hematoma. consideration of etiology, Beatty RM; Winston KR, (Radiology), **154:** 855, 1985
- tumors of the central nervous system studied by computed tomography and ultrasound, Enzmann DR; Wheat R; Marshall WH; Bird R; Murphy-Irwin K; Karbon K; Hanbery J; Silverberg GD; Britt RH; Shuer L, (Radiology), 154: 393, 1985

### Spinal cord, cysts

- computed tomography of a sacral perineural cyst, Willinsky RA; Fazl M, (JCAT), 9: 599, 1985
- CT myelography in spinal cysticercosis, Zee C-S; Segall HD; Ahmadi J; et al, (JCAT), 10: 195, 1986
- diagnosis of sacral perineural cysts by computed tomography, Tabas JH; Deeb ZL, (CT), 10: 255, 1986
- intramedullary spinal cord tumors: MR imaging, with emphasis on associated cysts, Goy AMC; Pinto RS; Raghavendra BN; Epstein FJ; Kricheff II, (Radiology), 161: 381, 1986
- intraoperative spinal sonography: adjunct to metrizamide CT in the assessment and surgical decompression of posttraumatic spinal cord cysts, Quencer RM; Morse BMM; Green BA; et al, (AJNR), 5: 71, 1984
- posttraumatic progressive myelopathy. clinical and radiologic correlation employing MR imaging, delayed CT metrizamide myelography, and intraoperative sonography, Gebarski SS; Maynard FW; Gabrielsen TO; Knake JE; Latack JT; Hoff JT, (Radiology), 157: 379, 1985
- syringomyelia and hydromyelia: magnetic resonance evaluation, Pojunas K; Williams AL; Daniels DL; Haughton VM, (Radiology), 153: 679, 1984

Spinal cord, diseases

cervical myelopathy: comparison of magnetic resonance and myelography, Masaryk TJ; Modic MT; Geisinger MA; et al, (JCAT), 10: 184, 1986

computed tomography in cervical spondylotic myelopathy and radiculopathy: visualisation of structures, myelographic comparison, cord measurements and clinical utility, Yu YL; du Boulay GH; Stevens JM; et al, (Neuroradiol), 28: 221, 1986

Spinal cord, hemorrhage

chronic spinal subdural hematomas: report of two cases, Khosla VK; Kak VK; Mathuriya SN, (Radiology), 161: 287, 1986

CT myelography of spontaneous spinal epidural hematoma, Lanzieri CF; Sacher M; Solodnik P; et al, (JCAT), 9: 393, 1985

fatal intracranial extention of spinal hemorrhage after lumbar puncture, Walsh MN; Fischer GG; Anderson D; et al, (Radiology), 155: 859, 1985

spontaneous cervical epidural hematoma. consideration of etiology, Beatty RM; Winston KR, (Radiology), **154**: 855, 1985

Spinal cord, injuries

catheter-induced hyperreflexia in spinal cord injury patients: diagnosis by sonographic voiding cystourethrography, Perkash I; Friedland GW, (Radiology), 159: 453, 1986

cervical spinal cord injuries in patients with cervical spondylosis, Regenbogen VS; Rogers LF; Atlas SW; et al, (AJR), 146: 277, 1986

colonic myoelectric activity in persons with spinal cord injury, Aaronson MJ; Freed MM; Burakoff R, (Radiology), **157**: 280, 1985

computed tomography of pressure sores, Firooznia H; Rafii M; Golimbu C; et al, (Radiology), 152: 561, 1984

evaluation of cervical spinal cord injuries with metrizamide myelography-CT scanning, Cooper PR; Cohen W, (Radiology), 155: 554, 1985

hemorrhage and edema in acute spinal cord compression: demonstration by MR imaging, Hackney DB, Asato R, Joseph PM; Carvlin MJ; McGrath JT; Grossman RI; Kassab EA; DeSimone D, (Radiology), 161: 387, 1986

magnetic resonance imaging of the chronically injured cervical spinal cord, Quencer RM; Sheldon JJ; Post MJD; et al, (AJNR), 7: 457,

MR imaging of the acutely injured patient with cervical traction, McArdle CB; Wright JW; Prevost WJ; Dornfest DJ; Amparo EG, (Radiology), 159: 273, 1986

Amparo E.G. (Radiology), 159: 273, 1986 posttraumatic progressive myelopathy. clinical and radiologic correlation employing MR imaging, delayed CT metrizamide myelography, and intraoperative sonography. Gebarski SS; Maynard FW; Gabrielsen TO; Knake JE; Latack JT; Hoff JT, (Radiology), 157: 379, 1985

posttraumatic syrinx formation: experimental study, Cohen WA; Young W; DeCrescito V; et al. (AJNR), 6: 823, 1985

radioisotope renography in spinal cord injury, Tempkin A; Sullivan G; Palde J; et al, (Radiology), **156**: 571, 1985

radiologic evaluation of spinal cord fissures, Post MJD; Quencer RM; Green BA; et al, (AJNR), 7: 329, 1986

regional lung perfusion and ventilation with radioisotopes in cervical cord-injured patients, Hiraizumi Y; Fujimaki E; Hishida T; et al, (Clin Nucl Med), 11: 352,

rugby injuries to the cervical spinal cord sustained during rucks amd mauls, Scher AT, (Radiology), 151: 826, 1984 spinal cord injury caused by a lateral C1-2 puncture for cervical myelography, Muller-Vahl H; Vogelsang H, (Eur J Radiol), 6: 160, 1986

using transrectal sonography to teach patients with spinal cord injuries to retrain their bladders, Perkash I; Friedland GW, (Radiology). 152: 228, 1984

Spinal cord, MR studies

0.6 T MR imaging of the cervical spine: multislice and multiecho techniques, Hyman RA; Edwards JH; Vacirca SJ; et al. (AJNR), 6: 229, 1985

ambiguities in MR imaging of tumoral cysts in the spinal cord, Rubin JM; Aisen AM; DiPietro MA, (JCAT), 10: 395, 1986

appearance of Pantopaque on MR images, Mamourian AC; Briggs RW, (Radiology), 158: 457, 1986

applications of magnetic resonance imaging in diseases of the pediatric central nervous system, Zimmerman RA; Bilaniuk LT, (Magn Res Imag), 4: 11, 1986

central nervous system tumors in children: detection by magnetic resonance imaging, Kucharczyk W; Brant-Zawadzki M; Sobel DF; Edwards MB; Kelly WM; Norman D; Newton TH, (Radiology), 155:

cervical myelopathy: comparison of magnetic resonance and myelography, Masaryk TJ; Modic MT; Geisinger MA; et al, (JCAT), 10:

cryical radiculopathy: prospective evaluation with surface coil MR imaging, CT with metrizamide, and metrizamide myelography, Modic MT; Masaryk TJ; Mulopulos GP; Bundschuh C; Han JS; Bohlman H, (Radiology), 161: 753, 1986

Bohlman H, (Radiology), 161: 753, 1986 clinical applications of nuclear magnetic resonance: central nervous system—brain stem and cord, Paushter DM; Dengel FH; Modic MT; et al, (Radiographics), 4: 97, 1984 comparison of CT and MR in 400 patients with suspected disease of the brain and cervical spinal cord, Bradley WG Jr; Waluch V; Yadley RA; Wycoff RR, (Radiology), 152: 695, 1984

demonstration of diastematomyelia and associated abnormalities with MR imaging, Han JS; Benson JE; Kaufman B; et al, (AJNR), 6: 215, 1985

6: 213, 1793 enhancement of cervical intraspinal tumors in MR imaging with intravenous gadolinium-DTPA, Bydder GM, Brown J; Niendorf HP; et al, (JCAT), 9: 847, 1985

hemorrhage and edema in acute spinal cord compression: demonstration by MR imaging, Hackney DB; Asato R; Joseph PM; Carvlin MJ; McGrath JT; Grossman RI; Kassab EA; DeSimone D, (Radiology), 161: 387, 1986

impact of MR imaging on clinical diagnosis and management: prospective study, Franken EA Jr; Berbaum KS; Dunn V; Smith WL; Ehrhardt JC; Levitz GS; Breckenridge RE, (Radiology), **161**: 377, 1986

intramedullary spinal cord rumors: MR imaging, with emphasis on associated cysts, Goy AMC; Pinto RS; Raghavendra BN; Epstein FJ; Kricheff II, (Radiology), 161: 381, 1986

magnetic resonance demonstration of multiple sclerosis plagues in the cervical cord, Maravilla KR; Weinreb JC; Suss RA; et al, (AJNR), 5: 685, 1984

magnetic resonance demonstration of multiple sclerosis plaques in the cervical cord, Maravilla KR; Weinreb JC; Suss RA; et al, (AJR), 144: 381, 1985

magnetic resonance imagine (MRI) of diastematomyelia, Thron A; Schroth G, (Neuroradiol), 28: 371, 1986

magnetic resonance imaging in infants and children with spinal dysraphism, Barnes PD; Lester PD; Yamanashi WS; et al, (AJNR), 7: 465, 1986

magnetic resonance imaging in the spinal column and craniovertebral junction, Han JS; Benson JE; Yoon YS, (Radiol Clin North Am), 22: 805, 1984

magnetic resonance imaging of spinal cord syndromes, von Einsiedel HG; Stepan R, (Radiology), 158: 571, 1986

magnetic resonance imaging of the chronically injured cervical spinal cord, Quencer RM; Sheldon JJ; Post MJD; et al, (AJNR), 7: 457,

magnetic resonance imaging of the lumbar spine with CT correlation, Maravilla KR; Lesh P; Weinreb JC; et al, (AJNR), 6: 237, 1985

In MR cisternography and myelography with Gd-DTPA in monkeys, Di Chiro G; Knop RH; Girton ME; Dwyer AJ; Doppman JL; Patronas NJ; Cansow OA; Brechbiel MW; Brooks RA, (Radiology), 157: 373, 1985

MR imaging in patients with metallic implants, Laakman RW; Kaufman B; Han JS; Nelson AD; Clampitt M; O'Block AM; Haaga JR; Alfidi RJ, (Radiology), 157: 711, 1985

MR imaging of intradural extramedullary tumors of the cervical spine, Scotti G; Scialfa G; Colombo N; et al, (JCAT), 9: 1037,

MR imaging of spinal lymphoma, Holtas SL; Kido DK; Simon JH, (JCAT), 10: 111, 1986

MR imaging of syringomyelia and hydromyelia, Lee BCP; Zimmerman RD; Manning JJ; et al, (AJNR), 6: 221, 1985

Manning JJ; et al. (AJNR), 6: 221, 1985
MR imaging of the acutely injured patient
with cervical traction, McArdle CB;
Wright JW; Prevost WJ; Dornfest DJ;
Amparo EG, (Radiology), 159: 273, 1986
MR imaging of the craniocervical junction,
Lee BCP; Deck MDF; Kneeland JB; et al,
(AJNR), 6: 209, 1985

MRI of central nervous system: early clinical results, Zimmerman RA; Bilaniuk LT; Johnson MH; et al, (AJNR), 7: 587, 1986

MRI versus conventional radiologic examinations in the evaluation of the craniovertebral and cervicomedullary junction, Smoker WRK; Keyes WD; Dunn VD; Menezes AH, (Radiographics), 6: 953, 1986

posttraumatic progressive myelopathy. clinical and radiologic correlation employing MR imaging, delayed CT metrizamide myelography, and intraoperative sonography, Gebarski SS; Maynard FW; Gabrielsen TO; Knake JE; Latack JT; Hoff JT, (Radiology), 157: 379, 1985

pulse selection chart for brain MR imaging sequences, Tobias JA; Sheldon JJ; Soila KP; Pomeranz SJ; Garcia L, (Radiology), 157: 261, 1985

rapid nontomographic approach to MR myelography without contrast agents, Hennig J; Friedburg H; Strobel B, (JCAT), 10: 375, 1986

syringomyelia and hydromyelia: magnetic resonance evaluation, Pojunas K; Williams AL; Daniels DL; Haughton VM, (Radiology), 153: 679, 1984

tumors and arteriovenous malformations of imors and arternovenous manormations of the spinal cord: assessment using MR, Di Chiro G; Doppman JL; Dwyer AJ; Patronas NJ; Knop RH; Bairamian D; Vermess M; Oldfield EH, (Radiology), 156: 689, 1985

value of paraxial slices in MR-imaging of spinal cord disease, Gawehn J; Schroth G; Thron A, (Neuroradiol), 28: 347, 1986

Spinal cord, neoplasms ambiguities in MR imaging of tumoral cysts in the spinal cord, Rubin JM; Aisen AM; DiPietro MA, (JCAT), **10**: 395, 1986

combined arteriovenous malformation and intramedullary lipoma: surgery and embolotherapy, Rice JF; Jelsma RK, (AJNR), 7: 171, 1986

computed tomography of spinal cord necrosis from multiple sclerosis, Latack JT; Gabrielsen TO; Knake JE; et al, (AJNR), 5: 485, 1984

delayed CT myelography in spinal intramedullary metastasis, Reddy SC; Vijayamohan G; Rao GR, (JCAT), 8: 1182, 1984

diastematomyelia and intramedullary epidermoid spinal cord tumor combined with extradural teratoma in an aduit, Garza-Mercado R, (Radiology), 152: 259, 1984

differentiation of tumor from syringohydromyelia: intraoperative neurosonography of the spinal cord, Hutchins WV, Vogelzang RL, Neiman HL; Fuld IL; Kowal LE, (Radiology), 151: 171,

enhancement of cervical intraspinal tumors in MR imaging with intravenous gadolinium-DTPA, Bydder GM; Brown J; Niendorf HP; et al, (JCAT), 9: 847, 1985

ependymomas: results of radiation treatment, Garrett PG; Simpson WJK, (Radiology), 154:

giant cauda equina schwannoma: CT appearance, Osborn RE; DeWitt JD, (AJNR), 6: 835, 1985

impact of MR imaging on clinical diagnosis and management: prospective study, Franken EA Jr; Berbaum KS; Dunn V; Smith WL; Ehrhardt JC; Levitz GS; Breckenridge RE, (Radiology), 161: 377, 1986

intradural spinal lipoma of the cervical cord, Wood BP; Harwood-Nash DC; Berger P; et al, (AJNR), 6: 452, 1985

intradural spinal teratoma: case report and review of the literature, Smoker WRK; Biller J; Moore SA; et al, (AJNR), 7: 905, 1986

intramedullary spinal cord metastasis. clinocopathological study of 13 cases, Costigan DA; Winkelman MD, (Radiology), 158: 285, 1986

intramedullary spinal cord tumors in children: localization by intraoperative sonography, Raghavendra BN; Epstein FJ; McCleary L, (AJNR), 5: 395, 1984

(A)INN, 3: 379, 1704 intramedullary spinal cord tumors: MR imaging, with emphasis on associated cysts, Goy AMC; Pinto RS; Raghavendra BN; Epstein FJ; Kricheff II, (Radiology), 161: 381,

intraspinal seeding from intracranial tumors in children, Stanley P; Senac MO Jr; Segall HD, (AJNR), 5: 805, 1984

intraspinal tumor with lumbosacral agenesis, Hafeez M; Tihansky DP, (AJNR), 5: 481, 1984

MR imaging of intradural extramedullary tumors of the cervical spine, Scotti G; Scialfa G; Colombo N; et al, (JCAT), 9: 1037,

MR imaging of spinal lymphoma, Holtas SL; Kido DK; Simon JH, (JCAT), 10: 111, 1986

MRI versus conventional radiologic examinations in the evaluation of the craniovertebral and cervicomedullary junction, Smoker WRK; Keyes WD; Dunn VD; Menezes AH, (Radiographics), 6:

postmyelographic CT evaluation of multiple blocks due to metastases, Tan WS; Wilbur AC; Spigos DG, (JCAT), 9: 979, 1985

pulmonary metastasis from intraspinal meningioma, Dastur KJ; Raji MR; Smith WI Jr, (AJNR), 5: 483, 1984

radiotherapeutic management of adult intraspinal ependymomas, Shaw EG; Evans RG; Scheithauer BW; et al, (Int J Radiat Oncol Biol Phys), 12: 323, 1986

Kadiat Official But Friys), 12 327, 1700 real-time sonography during spinal surgery, Knake JE; Gabrielsen TO; Chandler WF; Latack JT; Gebarski SS; Yang PJ, (Radiology), 151: 461, 1984

spinal cord tumor imaging with CT and sonography, Enzmann DR; Murphy-Irwin K; Silverberg GD; et al, (AJNR), 6: 95,

tumors and arteriovenous malformations of imors and arteriovenous malformations of the spinal cord: assessment using MR, Di Chiro G; Doppman JL; Dwyer AJ; Patronas NJ; Knop RH; Bairamian D; Vermess M; Oldfield EH, (Radiology), 156:

tumors of the central nervous system studied into so the Central nervous system studed by computed tomography and ultrasound, Enzmann DR; Wheat R; Marshall WH; Bird R; Murphy-Irwin K; Karbon K; Hanbery J; Silverberg GD; Britt RH; Shuer L, (Radiology), 154: 393, 1985

turcot syndrome: a case with spinal cord and colonic neoplasms, Radin DR; Fortgang KC; Zee C-S; et al, (AJR), 142: 475, 1984

### Spinal cord, radiography See Myelography

Spinal cord, stenosis cervical radiculopathy: prospective evaluation with surface coil MR imaging, CT with metrizamide, and metrizamide myelography, Modic MT; Masaryk TJ; Mulopulos GP; Bundschuh C; Han JS; Bohlman H, (Radiology), 161: 753, 1986

flexed sitting maneuver for complete lumbar myelography in patients with severe spinal stenosis and apparent block, Kapila A; Chakeres DW, (Radiology), 160: 265, 1986 migratory redundant lumbar nerve roots, a

case report, Mendelsohn DB; Hertzanu Y, (Radiology), **156**: 277, 1985

Spinal cord, surgery

intraoperative spinal sonography: adjunct to metrizamide CT in the assessment and surgical decompression of posttraumatic spinal cord cysts, Quencer RM; Morse BMM; Green BA; et al, (AJNR), 5: 71, 1984

Green Br.; et al., (AJNK), 5: 71, 1204 tumors and arteriovenous malformations of the spinal cord: assessment using MR, Di Chiro G; Doppman JL; Dwyer AJ; Patronas NJ; Knop RH; Bairamian D; Vermess M; Oldfield EH, (Radiology), 156: 260 1085

Spinal cord, therapeutic radiology

ependymomas: results of radiation treatment, Garrett PG; Simpson WJK, (Radiology), 154: 572, 1985

radiotherapeutic management of adult intraspinal ependymomas, Shaw EG; Evans RG; Scheithauer BW; et al, (Int J Radiat Oncol Biol Phys), 12: 323, 1986

### Spinal cord, US studies

central canal of the spinal cord: ultrasonic identification, St. Amour TE; Rubin JM; Dohrmann GJ, (Radiology), **152**: 767, 1984

intraoperative sonography of the spine and spinal cord, Rubin JM; Dohrmann GJ, (Semin US CT MR), 6: 48, 1985

intraoperative spinal sonography: adjunct to metrizamide CT in the assessment and metrizamide C. I in the assessment and surgical decompression of posttraumatic spinal cord cysts, Quencer RM; Morse BMM; Green BA; et al., (AJNR), 5: 71, 1984

intraoperative spinal sonography of soft-tissue masses of the spinal cord and spinal canal, Quencer RM; Montalvo BM; Green BA; et al, (AJNR), 5: 507, 1984

intraoperative spinal sonography of soft-tissue masses of the spinal cord and spinal canal, Quencer RM; Montalvo BM; Green BA; et al, (AJR), 143: 1307, 1984

normal intraoperative spinal sonography, Quencer RM; Montalvo BM, (AJNR), 5: 501, 1984

normal intraoperative spinal sonography, Quencer RM; Montalvo BM, (AJR), 143: 1301, 1984

posttraumatic progressive myelopathy. clinical and radiologic correlation employing MR imaging, delayed CT metrizamide myelography, and intraoperative sonography, Gebarski SS; Maynard FW; Gabrielsen TO; Knake JE; Latack JT; Hoff JT, (Radiology), 157: 379, 1985

real-time sonography during spinal surgery, Knake JE; Gabrielsen TO; Chandler WF; Latack JT; Gebarski SS; Yang PJ, (Radiology), 151: 461, 1984

real-time ultrasonography of the spinal cord: intraoperative and postoperative imaging, Pasto ME; Rifkin MD; Rubenstein JB; et al, (Radiology), 155: 279, 1985

sonography of the spine and spinal cord, Raghavendra BN; Epstein FJ, (Radiol Clin North Am), 23: 91, 1985

spine and spinal cord during neurosurgical operations: real-time ultrasonography, Rubin JM; Dohrmann GJ, (Radiology), 155:

time requirements for intraoperative neurosonography, Quencer RM; Montalvo BM, (AJNR), 7: 155, 1986

transducer frequency considerations in intraoperative US of the spine, Gooding GAW; Berger MS; Linkowski GD; Dillon WP; Weinstein PR; Boggan JE, (Radiology), 160: 272, 1986

tumors of the central nervous system studied by computed tomography and ultrasound, Enzmann DR; Wheat R; Marshall WH; Bird R; Murphy-Irwin K; Karbon K; Hanbery J; Silverberg GD; Britt RH; Shuer L, (Radiology), 154: 393, 1985

ultrasound of the spinal cord in neonates and infants, Jequier S; Cramer B; O'Gorman AM, (Radiology), 158: 282, 1986

## Spine

See also Spinal cord age-related alterations in the vertebral spinous

ge-related atterations in the Vertebrai spinous processes and intervening soft tissues: radiologic-pathologic correlation, Sartoris DJ; Resnick D; Tyson R; et al, (AJR), 145: 1025, 1985

case report 343, Sartoris DJ; Jones H, (Skeletal Radiol), 15: 60, 1986

cervicothoracic junction on chest radiograph, Jones MD; Edwards KC; Ong E, (Radiol Clin North Am), 22: 487, 1984

general case of the day: annual meeting 198 McLeod RA, (Radiographics), 6: 504, 1986 systemic disorders affecting the thoracic cage, Subbarao K; Jacobson HG, (Radiol Clin North Am), 22: 497, 1984

Spine, abnormalities

anterolateral extrapharyngeal approach for cervical osteophyte induced dysphagia, Sobol SM; Rigual NR, (Radiology), 156: 280,

basilar impression in children, Teodori JB; Painter MJ, (Radiology), 157: 282, 1985

changes at the base of skull and cervical spine in Down syndrome, Miller JDR; Capusten BM; Lampard R, (J Canad Assoc Radiol), 37: 85, 1986

computed tomography in acquired absence of thoracic pedicle, Lecklitner ML; Potter JL; Growcock G, (JCAT), 9: 395, 1985

congenital absence and hypoplasia of pedicles in the thoracic spine, Lederman HM; Kaufman RA, (Skeletal Radiol), 15: 219, 1986

congenitally absent lumbar pedicle: a reappraisal, Wortzman G; Steinhardt MI, (Radiology), 152: 713, 1984

congenital vertebral malformations: prenatal diagnosis using ultrasonography, Abrams SL; Filly RA, (Radiology), 155: 762,

controversies in lumbosacral spine radiography: indications, projections, and clinical implications, Hall FM, (Radiology), 153: 833, 1984

controversies in lumbosacral spine radiography: indications, projections, and clinical implications: reply, Bloom RA; Libson E, (Radiology), 153: 833, 1984

CT appearance of a prosthetic methyl methacrylate mass mistaken for abscess Beynon J; Slonim L; Kiss ZS; Morris C; Lau L, (Radiology), 150: 506, 1984

CT appearance of the retroisthmic cleft, Johansen JG; Hemminghytt S; Haughton VM, (AJNR), 5: 835, 1984

CT appearance of unfused ossicles in the lumbar spine, Pech P; Haughton VM, (AJNR), 6: 629, 1985

CT multiplanar reconstruction in 253 cases of lumbar spondylolysis, Rothman SLG; Glenn WV Jr, (AJNR), 5: 81, 1984

identification and management of high-risk patients with Klippel-Feil syndrome, Nagib MG; Maxwell RE; Chou SN, (Radiology), 155: 555, 1985

incidence of Klippel-Feil syndrome in patients with congenital scoliosis and kyphosis, Winter RB; Moe JH; Lonstein JE, (Radiology), 155: 548, 1985

Klippert-Feil syndrome with conductive deafness and histological findings of removed stapes, Sakai M; Miyake H; Shinkawa A; et al, (Radiology), 150: 294,

minimal spinal hyperostosis with low-dose isotretinoin therapy, Kilcoyne RF; Cope R; Cunningham W; et al, (Invest Radiol), 21: 41,

oblique lumbar spine radiographs: importance in young patients, Libson E; Bloom RA; Dinari G; Robin GC, (Radiology), 151: 89,

odontoid hypoplasia, McManners T, (Radiology), 152: 843, 1984

prenatal sonographic diagnosis of congenital hemivertebra, Benacerraf BR; Greene MF; Barss VA, (J Ultrasound Med), 5: 257, 1986

spine changes in neurofibromatosis, Yaghmai I, (Radiographics), 6: 261, 1986

spondylo-epimetaphyseal dysplasia with joint laxity and severe progressive kyphoscoliosis, Beighton P; Kozlowski K; Gericke G; et al, (Radiology), 152: 551, 1984

spondylolysis of the lumbar spine: demonstration of defects and laminal fragmentation, Amato M; Totty WG; Gilula LA, (Radiology), 153: 627, 1984

spondylo-megaepiphyseal-metaphyseal dysplasia: new bone dysplasia resembling cleidocranial dysplasia, Silverman FN; Reiley MA, (Radiology), 156: 365, 1985

tall vertebrae at birth: radiographic finding in flaccid infants, Donaldson JS; Gilsanz V; Gonzalez G; et al, (AJR), 145: 1293, 1985

two cases of dysphagia due to cervical spine osteophytes successfully treated surgically, Yee C; Wong HY; Fewer HD; et al, (Radiology), 157: 565, 1985

### Spine, anatomy

C2 "target": composite shadow, Nicolet V; Chalaoui J; Vezina JL; et al, (AJNR), 5: 331,

cervical neural foramina: correlation of microtomy and CT anatomy, Pech P; Daniels DL; Williams AL; Haughton VM, (Radiology), 155: 143, 1985 correlation of electromyography with computed tomography in evaluation of lower back pain, Khatri BO; Baruah K; McQuillen MP, (Radiology), **154**: 565, 1985

degree of vertebral wedging of the dorso-lumbar spine, Lauidsen KN; de Carvalho A; Andersen AH, (Radiology), **154**: 555, 1985

dural infolding during C1-2 myelography, Burt TB; Seeger JF; Carmody RF; Yang PJ, (Radiology), **158**: 546, 1986

genetic factor in cervical spondylosis, Palmer PES; Stadalnick R; Arnon S, (Radiology), **154:** 557, 1985

ossification in the cephalic attachment of the ligamentum flavum: an anatomical and CT study, Williams DM; Gabrielsen TO; Latack JT; Martel W; Knake JE, (Radiology), 150: 423, 1984

sacral foramina, Jackson H; Burke JT, (Radiology), 154: 558, 1985

vertebral venous channels: CT appearance and differential considerations, Sartoris DJ; Resnick D; Guerra J Jr, (Radiology), 155: 745,

Spine, angiography

simultaneous bifemoral retrograde arteriography under pressure: first stage in angiographic exploration of the spine and spinal cord, Melki JP, Riche MC; Reizine D; et al, (J Neuroradiol), 15: 62, 1986

spinal angiography with iohexol, Kendall B, (Neuroradiol), 28: 72, 1986

# Spine, apophyseal joints

See Spine, facet joints

### Spine, arthritis

annual oration: degenerative diseases of the vertebral column, Resnick D, (Radiology), 156: 3, 1985

facet syndrome, Murphy WA, (Radiology), 151: 533, 1984

intraarticular facet block: diagnostic test or therapeutic procedure?, Raymond J; Dumas J-M, (Radiology), 151: 333, 1984

### Spine, biopsy

thoracic spine: percutaneous trephine biopsy, Laredo J-D; Bard M, (Radiology), 160: 485,

### Spine, collapse

vertebral-body collapse in focal and diffuse disease: patterns of pathologic processes, Sartoris DJ; Clopton P; Nemcek A; Dowd C; Resnick D, (Radiology), **160**: 479, 1986

aneurysmal bone cyst of the spine: computed tomographic appearance, Haney P; Gellad F; Swartz J, (Radiology), **151**: 830, 1984

bone mineral content in early-postmenopausal and postmenopausal osteoporotic women: comparison of measurement methods, Reinbold W-D; Genant HK; Reiser UJ; Harris ST; Ettinger B, (Radiology), 160: 469, 1986

case of the winter season, Htoo MM, (Semin Roentgenol), 19: 5, 1984

cervical disk herniation: CT demonstration after contrast enhancement, Russell EJ; D'Angelo CM; Zimmerman RD; Czervionke LF; Huckman MS, (Radiology),

cervical neural foramina: correlation of microtomy and CT anatomy, Pech P; Daniels DL; Williams AL; Haughton VM (Radiology), 155: 143, 1985

cervical radiculopathy: computed tomography and myelography compared, Daniels DL; Grogan JP; Johansen JG; Meyer GA; Williams AL: Haughton VM, (Radiology), 151: 109, 1984

cervical spinal fractures: CT detection, Pech P; Kilgore DP; Pojunas KW; Haughton VM, (Radiology), **157**: 117, 1985

chordomas: their CT appearance in the cervical, thoracic and lumbar spine, Meyer JE; Lepke RA; Lindfors KK; Pagani JJ; Hirschy JC; Hayman LA; Momose KJ; McGinnis B, (Radiology), 153: 693, 1984

chymopapain chemonucleolysis: CT changes after treatment, Gentry LR; Turski PA; Strother CM; et al, (AJNR), 6: 321, 1985

computed tomographic findings in benign disease of the vertebral column, Price HI; Batnitzky S; Levine E; Rosenthal SJ, (Radiographics), 4: 283, 1984

computed tomography and chymopapain chemonucleolysis: preliminary findings, Brown BM; Stark EH; Dion G; et al, (AJNR),

computed tomography and differential diagnosis of the extruded lumbar disc, Dillon WP; Kaseff LG; Knackstedt VE; et al, (Radiology), **152**: 860, 1984

computed tomography in acquired absence of thoracic pedicle, Lecklitner ML; Potter JL; Growcock G, (JCAT), 9: 395, 1985

computed tomography in spinal hemangioma with cord compression: report of two cases, Schnyder P; Fankhauser H; Mansouri B, (Skeletal Radiol), 15: 372, 1986

computed tomography in spinal trauma, Lynch D; McManus F; Ennis JT, (Clin Radiol), 37: 71, 1986

computed tomography of acute spinal subdural hematoma, Tantana S; Pilla TJ; Luisiri A, (JCAT), 10: 891, 1986

computed tomography of aneurysmal bone cyst of the L1 vertebral body, Wang A-M; Lipson SJ; Haykal HA; et al, (JCAT), 8: 1186, 1984

computed tomography of nontuberculous spinal infection, Whelan MA; Schonfeld S; Post JD; et al, (JCAT), 9: 280, 1985

computed tomography of posterior lumbar apophyseal ring fractures, Dake MD; Jacobs RP; Margolin FR, (JCAT), 9: 730, 1985

computed tomography of spinal chordomas, Firooznia H; Golimbu C; Rafii M; et al, (CT),

computed tomography of spondylolisthesis: patterns of associated pathology, Elster AD; Jensen KM, (JCAT), 9: 867, 1985

computed tomography of the asymptomatic postsurgical lumbar spine: analysis of the physiologic scar, Braun IF; Lin JP; Benjamin MV; et al, (AJR), 142: 149, 1984

computed tomography of the spine and spinal cord. modern neuroradiology. vol. 1, Newton TH; Potts DG, eds, Reviewed by Latchaw RE, (Radiology), **150**: 484, 1984

computed tomography of the spine: curved coronal reformations from serial images, Rothman SLG; Dobben GD; Rhodes ML; Glenn WV Jr; Azzawi Y-M, (Radiology), **150**:

computed tomography of the upper cervical spine in Down syndrome, Miller JDR; Grace MGA; Lampard R, (JCAT), 10: 589,

congenitally absent lumbar pedicle: a reappraisal, Wortzman G; Steinhardt MI, (Radiology), **152**: 713, 1984

contrast enhancement in CT differentiation between recurrent disk herniation and postoperative scar: prospective study, Braun IF; Hoffman JC Jr; Davis PC; et al, (AJNR), 6: 607, 1985

correlation of electromyography with computed tomography in evaluation of lower back pain, Khatri BO; Baruah K; McQuillen MP, (Radiology), **154**: 565, 1985

CT and nuclear medicine imaging in vertebral metastases, Van Zanten TEG; Teule GJJ; Golding RP; et al, (Clin Nucl Med), 11: 334,

CT appearance of unfused ossicles in the lumbar spine, Pech P; Haughton VM, (AJNR), 6: 629, 1985

CT findings in paravertebral synovial sarcoma, Treu EBWM; de Slegte RGM; Golding RP; et al, (JCAT), **10**: 460, 1986

CT multiplanar reconstruction in 253 cases of lumbar spondylolysis, Rothman SLG; Glenn WV Jr, (AJNR), 5: 81, 1984

CT myelography for outpatients: an inpatient/outpatient pilot study to assess methodology, Zinreich SJ; Wang H; Updike ML; Kumar AJ; Ahn HS; North RB; Rosenbaum AE, (Radiology), 157: 387, 1985

CT of lumbar spine disk herniation: correlation with surgical findings, Firooznia H; Benjamin V; Kricheff II; et al, (AJNR), 5: 91, 1984

CT of osteomyelitis of the spine, Golimbu C; Firooznia H; Rafii M, (AJR), 142: 159, 1984

CT of pyogenic spine infection, Burke DR; Brant-Zawadzki M, (Radiology), **158**: 860,

CT of the postoperative lumbar spine: value of intravenous contrast, Weiss T; Treisch J; Kazner E; et al, (Neuroradiol), 28: 241, 1986 CT of thoracic and lumbar spine fractures that have been treated with Harrington instrumentation, Golimbu C; Firooznia H; Rafii M; Engler G; Delman A, (Radiology), 151: 731, 1984

delayed metrizamide CT enhancement of syringomyelia: postoperative observations, Kan S; Fox AJ; Vinuela FV, (AJNR), 6: 613,

diagnosis and evaluation of spondylolisthesis and/or spondylolysis on axial CT, Teplick JG; Laffey PA; Berman A; et al, (AJNR), 7: 479, 1986

disc calcification in childhood: computed disc calcinitation in Chidnood: computed tomographic and magnetic resonance imaging appearances, McGregor JC; Butler P, (Br J Radiol), 59: 180, 1986 evaluation of Pott's disease with computed tomography, LaBerge JM; Brant-Zawadzki M, (Radiology), 156: 567, 1985 extraspinal abnormalities identified on lumbar

spine CT, Frager DH; Elkin CM; Kansler F; et al, (Neuroradiol), 28: 58, 1986 extrusion of bone graft after lumbar fusion: CT appearance, Coughlan JD, (JCAT), 10: 399, 1986

foraminal spurs: normal variant in the lumbar spine, Helms CA; Sims RE, (Radiology), **160**: 153, 1986

fractures of the C-1 vertebra: report of two cases documented with computed

cases documented with computed tomography, Swartz JD: Puleo S, (Radiology), 151: 830, 1984 high-dose IV contrast in CT scanning of the postoperative lumbar spine, Yang PJ; Seeger JF; Dzioba RB; et al, (AJNR), 7: 703, 1986

high resolution computed tomography in the diagnosis of cervical disc disease, Miyasaka K; Isu T; Iwasaki Y; et al, (Radiology), 150: 862, 1984

improved reconstructed CT images of the spine, Dobben GD, (Radiology), **150**: 866, 1984

"incomplete ring" sign: simple method for CT detection of spondylolysis, Langston JW; Gavant ML, (JCAT), 9: 728, 1985

Gavant ML, (JCAT), 9: 728, 1985 interobserver discrepancies in distance measurements from lumbar spine CT scans, Beers GJ; Carter AP; Leiter BE; et al. (AJNR), 5: 787, 1984 interobserver discrepancies in distance measurements from lumbar spine CT scans, Beers GJ; Carter AP; Leiter BE; et al. (AJR), 144: 395, 1985

intradural herniation of thoracic disc: CT metrizamide myelography, Wang A-M; Zamani AA, (Comput Radiol), 10: 115, 1986

intravenous contrast-enhanced CT of the postoperative lumbar spine: improved identification of recurrent disk herniation, scar, arachnoiditis, and diskitis, Teplick JG; Haskin ME, (AJNR), 5: 373, 1984

Haskin ME, (AJNR), 5: 373, 1984 intravenous contrast-enhanced CT of the postoperative lumbar spine: improved identification of recurrent disk herniation, scar, arachnoiditis, and diskitis, Teplick JG; Haskin ME, (AJR), 143: 845, 1984 low-dose metrizamide spinal computed tomography in outpatients, Pressman BD; Mink JH; Turner RM; et al, (JCAT), 10: 817, 1986

lumbar disc disease evaluated by myelography

lumbar disc disease evaluated by myelography and postmyelography spinal computed tomography, Ketonen L; Gyldensted C, (Neuroradiol), 28: 144, 1986 metrizamide myelography and postmyelographic computed tomography: comparative adequacy in the cervical spine, Sobel DF; Barkovich AJ; Munderloh SH, (AJNR), 5: 385, 1984 modified method of spinal computed tomography for trabecular bone mineral measurements, Banks LM; Stevenson JC, (ICAT), 10: 463, 1986

(JCAT), 10: 463, 1986

(ICAT), 10: 463, 1986
morphometry of lower lumbar vertebrae as seen on CT scans: newly recognized characteristics, van Schaik JJP; Verbiest H; van Schaik FDJ, (AJR), 145: 327, 1985
multiple myeloma: early vertebral involvement assessed by computerised tomography, Solomon A; Rahamani R; Seligsohn U; et al. (Radiology), 154: 568, 1985

ossification in the cephalic attachment of the ligamentum flavum: an anatomical and CT study, Williams DM; Gabrielsen TO; Latack JT; Martel W; Knake JE, (Radiology), 150: 423, 1984 Paget disease of the spine: CT with clinical correlation, Zlatkin MB; Lander PH; Hadjipavlou AG; Levine JS, (Radiology), 160: 155, 1986

pitfalls in the computed tomographic evaluation of the lumbar spine in disc disease, Braun IF; Lin JP; George AE; et al, (Radiology), 153: 279, 1984

pitfalls of computed tomography in diagnosis of discitis, Kopecky KK; Gilmor RL; Scott JA; et al, (Radiology), **156**: 860, 1985

prone position for CT of the lumbar spine, Tehranzadeh J; Gabriele OF, (Radiology), 152: 817, 1984

152: 617, 1704
pseudotumor of the craniovertebral junction associated with chronic subluxation: MR imaging studies, Sze G; Brant-Zawadzki MN; Wilson CR; Norman D; Newton TH, (Radiology), 161: 391, 1986

pure thoracolumbar facet dislocation: clinical features and CT appearance, Gellad FE; Levine AM; Joslyn JN; Edwards CC; Bosse M, (Radiology), **161**: 505, 1986

rate of spinal trabecular bone loss in normal perimenopausal women: CT measurement, Firooznia H; Golimbu C; Rafii M; Schwartz MS, (Radiology), 161: 735, 1986

role of computed tomography in the diagnosis of infectious spondylitis, Hermann G; Mendelson DS; Cohen BA; et al, (Radiology), 152: 860, 1984

spinal computed tomography scanning in the evaluation of metastatic disease, Redmond J III; Spring DB; Munderloh SH; et al, (Radiology), 154: 856, 1985

spinal epidural lymphomas: CT features in seven patients, Beres J; Pech P; Berns TF; et al, (AJNR), 7: 327, 1986

trabecular mineral content of the spine in women with hip fracture: CT measurement, Firooznia H; Rafii M; Golimbu C; Schwartz MS; Ort P, (Radiology), **159**: 737, 1986

traction device to improve CT imaging of lower cervical spine, Boger DC, (AJNR), 7: 719, 1986

traumatic dural tears: CT diagnosis using metrizamide, Morris RE; Hasso AN; Thompson JR; Hinshaw DB Jr; Vu LH, (Radiology), **152**: **443**, 1984

uncovertebral and facet joint dislocations in cervical articular pillar fractures: CT evaluation, Yetkin Z; Osborn AG; Giles DS; et al, (AJNR), 6: 633, 1985

unusual osseous changes in lumbar herniated disks: CT features, Vadala G; Dore R; Garbagna P, (JCAT), 9: 1045, 1985

unusual presentation of thyroid papillary carcinoma: enlargement of a cervical intervertebral foramen, Roberts L Jr; Drayer BP; Apple JS; et al, (Comput Radiol), 10: 45, 1986

value of computed tomographic myelography in the recognition of cervical herniated disk, Landman JA; Hoffman JC Jr; Braun IF; et al, (AJNR), 5: 391, 1984

value of intravenous contrast enhancement in the CT evaluation of intraspinal tumors, Lapointe JS; Graeb DA; Nugent RA; et al, (A)NR), 6: 939, 1985

vertebral hemangiomas: radiologic evaluation, Laredo J-D; Reizine D; Bard M; Merland J-J, (Radiology), **161**: 183, 1986

vertebral venous channels: CT appearance and differential considerations, Sartoris DJ; Resnick D; Guerra J Jr, (Radiology), 155: 745,

vertical foramina in the lumbosacral region: CT appearance, Beers GJ; Carter AP; McNary WF, (AJNR), 5: 617, 1984

who has most epidural fat? information from computed tomography, Dixon AK, (Br J Radiol), 59: 475, 1986

#### Spine, curvature

abnormalities of the spine in relation to congenital upper limb deficiencies, Powers TA; Haher TR; Devlin VJ; et al, (Radiology), **151**: 549, 1984

back pain and vertebral changes simulating Scheuermann's disease, Greene TL; Hensinger RN; Hunter LY, (Radiology), **156:** 859, 1985

comparison of different methods used to diagnose pseudarthrosis following posterior spinal fusion for scoliosis, Dawson EG; Clader TJ; Bassett LW, (Radiology), 159: 574, computed tomography diagnosis of bronchial compression by the spine after surgical correction of scoliosis, Karoll M; Hernandez RJ; Wessel HU, (Radiology), 154: 853, 1985

determination of bone density via I-125 densitometry in idiopathic scoliosis, Matzen KA; Rohloff R; Milachowski KA; et al, (Radiology), 156: 859,

early echocardiographic and pulmonary function findings in idiopathic scoliosis, Primiano FP Jr; Nussbaum E; Hirschfield SS; et al. (Radiology), 151: 549,

error analysis of scoliosis curvature measurement, Gross C; Gross M; Kuschner S, (Radiology), **152**: 843, 1984

incidence of Klippel-Feil syndrome in patients with congenital scoliosis and kyphosis, Winter RB; Moe JH; Lonstein JE, (Radiology), 155: 548, 1985

juvenile kyphosis: ultrastructural study, Ippolito E; Bellocci M; Montanaro A; et al, (Radiology), **157**: 853, 1985

lumbar posterior marginal intra-osseous cartilaginous node, Laredo J-D; Bard M; Chretien J; et al, (Skeletal Radiol), 15: 201,

radiation dose reduction in the evaluation of scoliosis: application of digital radiography, Kushner DC, Cleveland RH; Herman TE; Zaleske DJ; Ehrlich MG, Correia JA, (Radiology), 161: 175, 1986

scoliosis due to rib osteoblastoma: report of two cases, Fabris D; Trainite G; Di Comun M; et al, (Radiology), 151: 264, 1984

segmented-field radiography in scoliosis, Daniel WW; Barnes GT; Nasca RJ; et al, (AJR), 144: 325, 1985

spondylo-epimetaphyseal dysplasia with joint laxity and severe progressive kyphoscoliosis, Beighton P; Kozlowski K; Gericke G; et al. (Radiology), 152: 551, 1984

Spine, cysts

aneurysmal bone cyst of the spine: computed tomographic appearance, Haney P; Gellad F; Swartz J, (Radiology), **151**: 830, 1984

computed tomography of aneurysmal bone cyst of the L1 vertebral body, Wang A-M; Lipson SJ; Haykal HA; et al, (JCAT), 8: 1186, 1984

gas in a lumbar extradural juxtaarticular cyst: sign of synovial origin, Schulz EE; West WL; Hinshaw DB; et al, (AJR), 143: 875, 1984

intraspinal neurenteric cyst containing gastric mucosa: CT and MRI findings, Kantrowitz LR; Pais MJ; Burnett K; et al, (Pediatr Radiol), 16: 324, 1986 radiologic recognition of symptomatic spinal synovial cysts, Casselman ES, (AJNR), 6: 971, 1985

reversible cause of back pain and sciatica in rheumatoid arthritis: an apophyseal joint cyst. Jacob JR; Weisman MH; Mink JH; et al, (Radiology), 161: 575, 1986

Spine, diseases

angiofollicular lymph node hyperplasia (Castleman's disease) associated with vertebral destruction, Stokes SH; Griffith RC; Thomas PRM, (Radiology), 158:

annual oration: degenerative diseases of the vertebral column, Resnick D, (Radiology), 156: 3, 1985

CT of osteomyelitis of the spine, Golimbu C; Firooznia H; Rafii M, (AJR), 142: 159, 1984

false-normal bone imaging in spinal tuberculosis, Pui MH; Chin-Sang HB; Rubenstein JD, (Clin Nucl Med), 11: 245,

monostotic fibrous dysplasia of the cervical spine: case report, Resnik CS; Lininger JR, (Radiology), 151: 49, 1984

Paget disease of the spine: CT with clinical correlation, Zlatkin MB; Lander PH; Hadjipavlou AG; Levine JS, (Radiology), 160: 155, 1986

solitary eosinophilic granuloma of a cervical neural arch, Martin N; Helias A; Pottuz GJ; et al, (Radiology), 158: 571, 1986 spondylo-epiphysealis dysplasia tarda (report of 7 cases), Kozlowski K; Masel J, (Radiology), **154**: 558, 1985

vertebral involvement in calcium pyrophosphate dihydrate crystal deposition disease: radiographic-pathological correlation, Resnick D; Pineda C, (Radiology), **153**: 55, 1984 Spine, dislocation

acquired spondylolisthesis following scoliosis surgery, a case report, Friedman RJ; Micheli LJ, (Radiology), 156: 859, 1985

case of a thoracic vertebral body dislocation without neurological signs in a child with neurofibromatosis, Fasanelli S; Colajacomo M; Gugliantini P; et al, (Pediatr Radiol), 16: 262, 1986

computed tomography of spondylolisthesis: patterns of associated pathology, Elster AD; Jensen KM, (JCAT), 9: 867, 1985

CT in low back and sciatic pain due to lumbar canal osseous changes, Rosa M; Capellini C; Canevari MA; et al, (Neuroradiol), 28: 237,

diagnosis and evaluation of spondylolisthesis and/or spondylolysis on axial CT, Teplick JG; Laffey PA; Berman A; et al, (AJNR), 7: 479, 1986

hangman's fracture with complete dislocation of C-2 on C-3, Roda JM; Catro A; Blazquez MG, (Radiology), 153: 855, 1984

hyperextension dislocation of the cervical spine, Edeiken-Monroe B; Wagner LK; Harris JH Jr. (AJNR), 7: 135, 1986

Harris JH Jr, (AJNR), 7: 135, 1986
painful spondylolysis or spondylolisthesis
studied by radiography and single-photon
emission computed tomography, Collier BD;
Johnson RP; Carrera GF; Meyer GA;
Schwab JP; Flatley TI; Isitman AT;
Hellman RS; Zielonka JS; Knobel J,
(Radiology), 154: 207, 1985

radiographic distinction of degenerative slippage (spondylolisthesis and retrolisthesis) from traumatic slippage of the cervical spine, Lee C; Woodring JH; Rogers LF; et al, (Skeletal Radiol), 15: 439, 1986

review of spondylolisthesis and spondylolysis in pediatric practice, Oakley RH; Carty H, (Radiology), 155: 855, 1985

traumatic atlantooccipital dislocation: two cases with survival, Bools JC; Rose BS, (AJNR), 7: 901, 1986

uncovertebral and facet joint dislocations in cervical articular pillar fractures: CT evaluation, Yetkin Z; Osborn AG; Giles DS; et al, (AJNR), 6: 633, 1985

Spine, emission CT

prine, emission C I painful spondylolysis or spondylolisthesis studied by radiography and single-photon emission computed tomography, Collier BD; Johnson RP; Carrera GF; Meyer GA; Schwab JP; Flatley TJ; Isitman AT; Hellman RS; Zielonka JS; Knobel J, (Radiology), 154: 207, 1985

Spine, facet joints

annual oration: degenerative diseases of the vertebral column, Resnick D, (Radiology), 156: 3, 1985

CT in low back and sciatic pain due to lumbar canal osseous changes, Rosa M; Capellini C; Canevari MA; et al, (Neuroradiol), 28: 237,

facet syndrome, Murphy WA, (Radiology), 151: 533, 1984

gas in spinal articulations, Yetkin Z; Chintapalli K; Daniels DL; et al, (Neuroradiol), 28: 150, 1986

intraarticular facet block: diagnostic test or therapeutic procedure?, Raymond J; Dumas J-M, (Radiology), **151**: 333, 1984

uncovertebral and facet joint dislocations in cervical articular pillar fractures: CT evaluation, Yetkin Z; Osborn AG; Giles DS; et al, (AJNR), 6: 633, 1985

Spine, fractures

avulsion of the spinous processes caused by infant abuse, Kleinman PK; Zito JL, (Radiology), **151**: 389, 1984

cervical spinal fractures: CT detection, Pech P; Kilgore DP; Pojunas KW; Haughton VM, (Radiology), **157**: 117, 1985

(Radiology), 157: 117, 1985 computed tomography of posterior lumbar apophyseal ring fractures, Dake MD; Jacobs RP; Margolin FR, (JCAT), 9: 730, 1985 CT of thoracic and lumbar spine fractures that have been treated with Harrington instrumentation, Golimbu C; Firooznia H; Rafii M; Engler G; Delman A, (Radiology), 151: 731, 1984

fracture of the cervical spine in ankylosing spondylitis, Harding JR; McCall IW; Park WM; et al, (Radiology), **157**: 850, 1985

fractures of the craniovertebral junction associated with other fractures of the spine: overlooked entity?, Lee C; Rogers LF; Woodring JH; et al, (AJNR), 5: 775, 1984

- hangman's fracture with complete dislocation of C-2 on C-3, Roda JM; Catro A; Blazquez MG, (Radiology), **153**: 855, 1984
- internal fixation for stress fractures of the ankylosed spine, Marsh CH, (Radiology), 157: 281, 1985
- intraoperative sonographic monitoring of reduction of thoracolumbar burst fractures, McGahan JP: Benson D; Chehrazi B; et al, (AJNR), 6: 787, 1985
- intraoperative sonographic monitoring of reduction of thoracolumbar burst fractures, McGahan JP; Benson D; Chehrazi B; et al, (AJR), 145: 1229, 1985
- intraoperative spinal sonography in thoracic and lumbar fractures: evaluation of Harrington rod instrumentation, Quencer RM; Montalvo BM; Eismont FJ; et al, (AJNR), 6: 353, 1985
- intravertebral vacuum phenomenon, Kumpan W; Salomonowitz E; Seidl G; et al, (Skeletal Radiol), 15: 444, 1986
- jogger's fracture and other stress fractures of the lumbosacral spine, Abel MS, (Radiology), **157**: 567, 1985
- lumbar vertebral reformation after traumatic compression fracture, Beerman R; Batt HD; Green BA, (AJNR), 6: 455, 1985
- postoperative fractures of lumbar articular facets: occult cause of radiculopathy, Rothman SLG; Glenn WV Jr; Kerber CW, (AJNR), 6: 623, 1985
- pseudofractures of the cervical vertebral body, Daffner RH; Deeb ZL; Rothfus WE, (Skeletal Radiol), **15**: 295, 1986
- radiographic assessment of Harrington rod instrumentation for spinal fractures, Rubenstein JD; Gertzbein S, (Radiology), 155: 273, 1985
- radiology of fracture-dislocation of the cervical spine during delivery, Stanley P; Duncan AW; Isaacson J; et al, (AJR), 145: 621, 1985
- simple view for demonstration of fractures of the anterior arch of C1, England AC III; Shippel AH; Ray MJ, (AJR), 144: 763, 1985
- stress injuries of the pars interarticularis: radiologic classification and indications for scintigraphy, Pennell RG; Maurer AH; Bonakdarpour A, (AJR), 145: 763, 1985
- thoracolumbar burst fractures: CT dimensions of the spinal canal relative to postsurgical improvement, Shuman WP; Rogers JV; Sickler ME; et al, (AJNR), 6: 337, 1985
- trabecular mineral content of the spine in women with hip fracture: CT measurement, Firooznia H; Rafii M; Golimbu C; Schwartz MS; Ort P, (Radiology), **159**: 737, 1986
- treatment of pedicular fractures of the axis. a clinical study and screw fixation technique, Borne GM; Bedou GL; Pinaudeau M, (Radiology), 152: 857, 1984
- vertebral-body collapse in focal and diffuse disease: patterns of pathologic processes, Sartoris DJ; Clopton P; Nemcek A; Dowd C; Resnick D, (Radiology), **160**: 479, 1986
- vertebral burst fractures: CT analysis of the retropulsed fragment, Guerra J Jr; Garfin SR; Resnick D, (Radiology), **153**: 769, 1984
- vertebral venous channels: CT appearance and differential considerations, Sartoris DJ; Resnick D; Guerra J Jr, (Radiology), 155: 745, 1985

# Spine, hemorrhage

computed tomography of acute spinal subdural hematoma, Tantana S; Pilla TJ; Luisiri A, (JCAT), 10: 891, 1986

#### Spine, infection

- computed tomography of nontuberculous spinal infection, Whelan MA; Schonfeld S; Post JD; et al, (JCAT), 9: 280, 1985
- CT appearance of Candida diskitis, Pennisi AK; Davis DO; Wiesel S; et al, (JCAT), 9: 1050, 1985
- CT of pyogenic spine infection, Burke DR; Brant-Zawadzki M, (Radiology), **158**: 860, 1986
- fine needle diagnosis in lumbar osteomyelitis, Joshi KB; Brinker RA, (Radiology), **153**: 562, 1984
- intervertebral disk-space infection after chymopapain injection, Deeb ZL; Schimel S; Daffner RH; et al, (AJNR), 6: 55, 1985

- intraosseous and intradiscal gas in association with spinal infection: report of three cases, Bielecki DK; Sartoris DJ; Resnick D; et al, (AJR), 147: 83, 1986
- leukocyte scanning of inflammatory processes in the sp nal column, Georgi P; Kaps HP; Sinn HJ, (Radiology), **158**: 569, 1986
- mobile myelographic filling defects: spinal cysticercosis, Savoiardo M; Cimino C; Passerini A; et al, (Neuroradiol), 28: 166, 1986
- MR imaging in spinal echinococcosis, Mikhael MA; Ciric IS; Tarkington JA, (JCAT), 9: 398, 1985
- vertebral osteomyelitis: assessment using MR, Modic MT; Feiglin DH; Piraino DW; Boumphrey F; Weinstein MA; Duchesneau PM; Rehm S, (Radiology), **157**: 157, 1985

# Spine, inflammation See Spondylitis

#### Spine, injuries

- acute intervertebral gas following vertebral fracture: CT demonstration, Tash RR; Weitzner I Jr, (JCAT), 10: 707, 1986
- annulus vacuum sign, Bohrer SP, (Skeletal Radiol), **15**: 233, 1986
- computed tomography in spinal trauma Lynch D; McManus F; Ennis JT, (Clin Radiol), 37: 71, 1986
- CT demonstration of cervical vertebral erosion by tortuous vertebral artery, Dory MA, (AJNR), 6: 641, 1985
- injuries of the cervical spine, McSweeney T, (Radiology), 152: 843, 1984
- interspinous process segmental spinal instrumentation, Drummond D; Guadagni J; Keene JS; et al, (Radiology), **156**: 276, 1985
- intraoperative sonography in spinal trauma, Montalvo BM; Quencer RM; Green BA; Eismont FJ; Brown MJ; Brost P, (Radiology), 153: 125, 1984
- MR imaging of the acutely injured patient with cervical traction, McArdle CB; Wright JW; Prevost WJ; Dornfest DJ; Amparo EC, (Radiology), 159: 273, 1986
- national survey of spinal injuries in hockey players, Tator CH; Edmonds VE, (Radiology), **154**: 279, 1985
- occult traumatic lesions of the cervical and thoraco-lumbar vertebrae, 2d ed., Abel MS, Reviewed by Klein RM, (Radiology), 151: 466, 1984
- pseudotumor of the craniovertebral junction associated with chronic subluxation: MR imaging studies, Sze G; Brant-Zawadzki MN; Wilson CR; Norman D; Newton TH, (Radiology), 161: 391, 1986
- pure thoracolumbar facet dislocation: clinical features and CT appearance, Gellad FE; Levine AM; Joslyn JN; Edwards CC; Bosse M, (Radiology), 161: 505, 1986
- radiographic distinction of degenerative slippage (spondylolisthesis and retrolisthesis) from traumatic slippage of the cervical spine, Lee C; Woodring JH; Rogers LF; et al, (Skeletal Radiol), 15: 439, 1986
- radiological assessment of thoracolumbar spinal injuries, Scher AT, (Radiology), **151**: 820, 1984
- radiologic and clinical evaluation of Harrington instrumentation in the injured dorsolumbar spine, Herrlin K; Ekelund L; Sunden G, (Radiology), **152**: 843, 1984
- surface coil MR of spinal trauma: preliminary experience, McArdle CB; Crofford MJ; Mirfakhraee M; et al, (AJNR), 7: 885, 1986
- traumatic dural tears: CT diagnosis using metrizamide, Morris RE; Hasso AN; Thompson JR; Hinshaw DB Jr; Vu LH, (Radiology), 152: 443, 1984

# Spine, intervertebral disks

- acute intervertebral gas following vertebral fracture: CT demonstration, Tash RR; Weitzner I Jr, (JCAT), 10: 707, 1986
- animal model for studying the chronic effects of herniated disks and spinal surgery, Barthelemy CR; Johansen J; Carrera GF; et al, (AJNR), 5: 67, 1984
- annual oration: degenerative diseases of the vertebral column, Resnick D, (Radiology), 156: 3, 1985
- annulus vacuum sign, Bohrer SP, (Skeletal Radiol), 15: 233, 1986

- case report 384, Merlini L; Albisinni U; Savini R, (Skeletal Radiol), 15: 488, 1986
- cervical disk herniation: CT demonstration after contrast enhancement, Russell Ej; D'Angelo CM; Zimmerman RD; Czervionke LF; Huckman MS, (Radiology), 152: 703. 1984
- cervical radiculopathy: computed tomography and myelography compared, Daniels DL; Grogan JP; Johansen JG; Meyer GA; Williams AL; Haughton VM, (Radiology), 151: 109, 1984
- chymopapain chemonucleolysis: correlation of diagnostic radiographic factors and clinical outcome, Gentry LR; Strother CM; Turski PA; et al, (AJNR), 6: 311, 1985
- chymopapain chemonucleolysis: CT changes after treatment, Gentry LR; Turski PA; Strother CM; et al, (AJNR), 6: 321, 1985
- chymopapain disk-injection therapy. modified lumbar approach, Gomori JM; Floman Y, (Radiology), 151: 245, 1984
- computed tomography and chymopapain chemonucleolysis: preliminary findings, Brown BM; Stark EH; Dion G; et al, (AJNR), 6-51, 1985
- computed tomography and differential diagnosis of the extruded lumbar disc, Dillon WP; Kaseff LG; Knackstedt VE; et al, (Radiology), **152**: 860, 1984
- computed tomography of the asymptomatic postsurgical lumbar spine: analysis of the physiologic scar, Braun IF; Lin JP; Benjamin MV; et al. (AJR), 142: 149, 1984
- contrast enhancement in CT differentiation between recurrent disk herniation and postoperative scar: prospective study, Braun IF; Hoffman JC Jr; Davis PC; et al, (AJNR), 6: 607, 1985
- CT appearance of *Candida* diskitis, Pennisi AK; Davis DO; Wiesel S; et al, (JCAT), 9: 1050, 1985
- CT demonstration of disk regression after conservative therapy, Guinto FC Jr; Hashim H; Stumer M, (AJNR), 5: 632, 1984
- CT myelography for outpatients: an inpatient/outpatient pilot study to assess methodology, Zinreich SJ; Wang H; Updike ML; Kumar AJ; Ahn HS; North RB; Rosenbaum AE, (Radiology), 157: 387, 1985
- CT of lumbar spine disk herniation: correlation with surgical findings, Firooznia H; Benjamin V; Kricheff II; et al, (AJNR), 5: 91, 1984
- current status of lumbar diskography, Shapiro R, (Radiology), **159**: 815, 1986
- current status of lumbar diskography, Shapter AE, (Radiology), 161: 853, 1986 current status of lumbar diskography: reply, Shapiro R, (Radiology), 161: 853, 1986
- delayed presentation of posttraumatic cervical disk herniation, Blumenkopf B; Bennett WF, (AJNR), 7: 722, 1986
- disc calcification in childhood: computed tomographic and magnetic resonance imaging appearances, McGregor JC; Butler P, (Br J Radiol), 59: 180, 1986
- disk processes in MR, Heller H; Braitinger S; Petsch R; et al, (Eur J Radiol), 6: 59, 1986
- editorial. diagnosis of the herniated lumbar disc, Miller JDR, (Radiology), 150: 856, 1984
- evaluation of multiplanar reconstruction in CT recognition of lumbar disk disease, Rosenthal DI: Stauffer AE; Davis KR; et al, (AJNR), 5: 307, 1984
- extrusion of bone graft after lumbar fusion: CT appearance, Coughlan JD, (JCAT), 10: 399, 1986
- gas in spinal articulations, Yetkin Z; Chintapalli K; Daniels DL; et al, (Neuroradiol), 28: 150, 1986
- high-resolution surface-coil imaging of lumbar disk disease, Edelman RR; Shoukimas GM; Stark DD; et al, (AJR), 144: 1123, 1985
- intervertebral disk-space infection after chymopapain injection, Deeb ZL; Schimel S; Daffner RH; et al, (AJNR), 6: 55, 1985
- intradural disk herniation with CT appearance of gas collection, Kaiser MC; Sandt G; Roilgen A; et al, (AJNR), 6: 117, 1985

- intradural herniated cervical disk: case report and review of the literature, Eisenberg RA; Bremer AM; Northup HM, (AJNR), 7: 492,
- intradural herniation of thoracic disc: CT metrizamide myelography, Wang A-M; Zamani AA, (Comput Radiol), 10: 115, 1986
- intradural lumbar disk herniation, Graves VB; Finney HL; Mailander J, (AJNR), 7: 495, 1986
- intranuclear cleft of the intervertebral disk: radiactear cieff of the intervertebral disk: magnetic resonance imaging, Aguila LA; Piraino DW; Modic MT; Dudley AW; Duchesneau PM; Weinstein MA, (Radiology), 155: 155, 1985
- intravenous contrast-enhanced CT of the postoperative lumbar spine: improved identification of recurrent disk herniation scar, arachnoiditis, and diskitis, Teplick JG; Haskin ME, (AJNR), 5: 373, 1984
- intravenous contrast-enhanced CT of the postoperative lumbar spine: improved identification of recurrent disk herniation scar, arachnoiditis, and diskitis, Teplick JG; Haskin ME, (AJR), 143: 845, 1984
- lumbar disc disease evaluated by myelography and postmyelography spinal computed tomography, Ketonen L; Gyldensted C, (Neuroradiol), 28: 144, 1986
- lumbar intervertebral disk: correlative MR and anatomic study, Pech P; Haughton VM, (Radiology), 156: 699, 1985
- lumbar posterior marginal intra-osseous cartilaginous node, Laredo J-D; Bard M; Chretien J; et al, (Skeletal Radiol), 15: 201,
- lumbar spine: pretest predictability of CT findings, Giles DJ; Thomas RJ; Osborn AG; Clayton PD; Miller M; Bahr L; Frederick P; O'Connor G; Ostler D, (Radiology), 150: 719,
- magnetic resonance imaging of intervertebral disk disease: clinical and pulse sequence considerations, Modic MT; Pavlicek W; Weinstein MA; Boumphrey F; Ngo F; Hardy RW Jr; Duchesneau PM, (Radiology), 152: 103, 1984
- outpatient lumbar myelography: initial results in 79 examinations using a low-dose metrizamide technique, Tate CF III; Wilkov HR; Lestrange NR; Gardiner HF; Stein KR, (Radiology), 157: 391, 1985
- percutaneous lumbar diskectomy using a new aspiration probe, Onik G; Helms CA; Ginsburg L; et al, (AJNR), 6: 290, 1985
- percutaneous lumbar diskectomy using a new aspiration probe: porcine and cadaver model, Onik G; Helms CA; Ginsburg L; Hoaglund FT; Morris J, (Radiology), 155: 251, 1985
- pitfalls in the computed tomographic evaluation of the lumbar spine in disc disease, Braun IF; Lin JP; George AE; et al, (Radiology), 153: 279, 1984
- pitfalls of computed tomography in diagnosis of discitis, Kopecky KK; Gilmor RL; Scott JA; et al, (Radiology), **156**: 860, 1985
- reappraisal of lumbar discography, Milette PC; Melanson D, (Radiology), 150: 856, 1984
- reappraisal of the diagnosis in cervical disc disease: posterior longitudinal ligament perforated or not, Isu T; Iwasaki Y; Miyasaka K; et al, (Neuroradiol), 28: 215,
- sign of lumbar disk herniation recognizable on lateral CT generated digital radiograms, Kaiser MC; Capesius P; Veiga-Pires JA; et al, (JCAT), 8: 1066, 1984
- sonographic demonstration of lumbar disc herniation, Ebner F; Tolly E; Kopp W, (J Ultrasound Med), 5: 193, 1986
- spondylitis-spondylodiscitis. pathological-anatomical morphology and diagnostic problems, Adler C-P, (Radiology), **158**: 570,
- spontaneous regression of herniated nucleus pulposus, Teplick JG; Haskin ME, (AJNR), 6: 331, 1985
- syndrome of the incidental herniated lumbar disc, Wilberger JE Jr; Pang D, (Radiology), 152: 259, 1984
- thoracic disk herniation associated with papilledema. case report, Michowiz SD; Rappaport HZ; Shaked I; et al, (Radiology), 157: 572, 1985

- unusual osseous changes in lumbar herniated disks: CT features, Vadala G; Dore R; Garbagna P, (JCAT), 9: 1045, 1985
- value of computed tomographic myelography in the recognition of cervical herniated disk, Landman JA; Hoffman JC Jr; Braun IF; et al, (AJNR), 5: 391, 1984
- vertebral involvement in calcium ertebrai involvement in calcium pyrophosphate dihydrate crystal deposition disease: radiographic-pathological correlation, Resnick D; Pineda C, (Radiology), **153**: 55, 1984
- who has most epidural fat? information from computed tomography, Dixon AK, (Br J Radiol), 59: 475, 1986

#### Spine, mineral content

- bone mineral content in early-postmenopausal and postmenopausal osteoporotic women: comparison of measurement methods, Reinbold W-D; Genant HK; Reiser UJ; Harris ST; Ettinger B, (Radiology), 160: 469,
- decreased spinal mineral content in amenorrheic women, Cann CE; Martin MC; Genant HK; et al, (Radiology), 153: 846, 1984 massive calcium pyrophosphate crystal deposition at the craniovertebral junction, El-Khoury GY; Tossi JE; Clark CR; et al, (AJR), 145: 777, 1985
- (AJN), 149: 177, 1793 modified method of spinal computed tomography for trabecular bone mineral measurements, Banks LM; Stevenson JC, (JCAT), 10: 463, 1986
- postprocessing dual energy technique for vertebral CT densitometry, Laval-Jeantet AM; Cann CE; Roger B; et al, (JCAT), 8: 1164, 1984
- rate of spinal trabecular bone loss in normal perimenopausal women: CT measurement, Firooznia H; Golimbu C; Rafii M; Schwartz MS, (Radiology), 161: 735, 1986 trabecular mineral content of the spine in
- women with hip fracture: CT measuremen Firooznia H; Rafii M; Golimbu C; Schwartz MS; Ort P, (Radiology), **159**: 737,

#### Spine, MR studies

- bone marrow imaging: magnetic resonance studies related to age and sex, Dooms GC; Fisher MR; Hricak H; Richardson M; Crooks LE; Genant HK, (Radiology), 155: 429, 1985
- cervical nerves and foramina: local-coil MR imaging, Daniels DL; Hyde JS; Kneeland JB; et al, (AJNR), 7: 129, 1986
- disc calcification in childhood: computed tomographic and magnetic resonance imaging appearances, McGregor JC; Butler P, (Br J Radiol), 59: 180, 1986
- disk processes in MR, Heller H; Braitinger S; Petsch R; et al, (Eur J Radiol), 6: 59, 1986 high field, thin section nuclear magnetic resonance imaging of the cervical spine, Dee GJ; Bello JA; Hilal SK, (Cardiovasc Intervent Radiol), 8: 283, 1986
- high-resolution surface-coil imaging of lumbar disk disease, Edelman RR; Shoukimas GM; Stark DD; et al, (AJR), 144: 1123, 1985
- high resolution surface coil magnetic resonance imaging of the spine: normal and pathologic anatomy, Berger PE; Atkinson D; Wilson WJ; Wiltse L, (Radiographics), 6: 573,
- impact of MR imaging on clinical diagnosis and management: prospective study, Franken EA Jr; Berbaum KS; Dunn V; Smith WL; Ehrhardt JC; Levitz GS; Breckenridge RE, (Radiology), 161: 377, 1986
- intranuclear cleft of the intervertebral disk: intranuciear cleft of the intervertebral disk: magnetic resonance imaging, Aguila LA; Piraino DW; Modic MT; Dudley AW; Duchesneau PM; Weinstein MA, (Radiology), 155: 155, 1985 in vitro <sup>1</sup>H NMR "mapping" of human intervertebral discs, Furo I; Bobest M; Pocsik I; et al, (Magn Res Med), 3: 146, 1986 humbar intervertebral discs, disk correlation MP.
- lumbar intervertebral disk: correlative MR and anatomic study, Pech P; Haughton VM, (Radiology), 156: 699, 1985
- magnetic resonance imaging in occult spinal dysraphism, Roos RAC; Vielvoye GJ; Voormolen JHC; et al, (Pediatr Radiol), **16**:
- magnetic resonance imaging of intervertebral disk disease: clinical and pulse sequence considerations, Modic MT; Pavlicek W; Weinstein MA, Boumphrey F; Ngo F; Hardy RW Jr; Duchesneau PM, (Radiology),

- magnetic resonance imaging of the spine, Modic MT; Masaryk TJ; Paushter DM, (Radiol Clin North Am), 24: 229, 1986
- magnetic resonance imaging of the spine applications and limitations, Paushter DM; Modic MT; Masaryk TJ, (Radiol Clin North Am), 23: 551, 1985
- MR characteristics of iophendylate (Pantopaque), Hackney DB; Grossman RI; Zimmerman RA; et al, (JCAT), 10: 401, 1986
- MR imaging of a spinal teratoma, Monajati A; Spitzer RM; Wiley JL; et al, (JCAT), 10: 307, 1986
- MR imaging of intraspinal extension of neuroblastoma, Siegel MJ; Jamroz GA; Glazer HS; et al, (JCAT), 10: 593, 1986
- MR imaging of the acutely injured patient with cervical traction, McArdle CB; Wright JW; Prevost WJ; Dornfest DJ; Amparo EG, (Radiology), 159: 273, 1986
- MR imaging of the spine after radiation therapy: easily recognizable effects, Ramsey RG; Zacharias CE, (AJNR), 6: 247,
- MRI of tuberculous spondylitis, de Roos A; van Persiin van Meerten Els L; Bloem JL; et al, (AJR), 147: 79, 1986
- oblique plane MR imaging of the cervical spine, Yenerich DO; Haughton VM, (JCAT), 10: 823, 1986
- pseudotumor of the craniovertebral junction associated with chronic subluxation: MR imaging studies, Sze G; Brant-Zawadzki MN; Wilson CR; Norman D; Newton TH, (Radiology), **161:** 391, 1986
- surface coil MR of spinal trauma: preliminary experience, McArdle CB; Crofford MJ; Mirfakhraee M; et al, (AJNR), 7: 885, 1986
- Minantiace M, et al. (1917), yet vertebral osteomyelitis: assessment using MR, Modic MT; Feiglin DH; Piraino DW; Boumphrey F; Weinstein MA; Duchesneau PM; Rehm S, (Radiology), 157: Duchesno 157, 1985

#### Spine, necrosis

- Kummell disease: delayed collapse of the traumatised spine in a patient with Gaucher type 1 disease, Hermann G; Goldblatt J; Desnick RJ, (Radiology), 155: 851, 1985
- Spine, neoplasms
- bone scintigraphy in the preoperative evaluation of osteoid osteoma and osteoblastoma of the spine, Papanicolaou N; Treves S, (Radiology), 153: 562, 1984 case report 351, Abdelwahab IF; Frankel VH; Klein MJ, (Skeletal Radiol), 15: 164, 1986
- case report 357, Abdelwahab IF; O'Leary PF; Steiner GC; et al, (Skeletal Radiol), 15: 242, 1986
- chondrosarcoma of the head and neck, Finn DG; Goepfert H; Batsakis JG, (Radiology), **157**: 572, 1985
- chordoma: role of radiation therapy, Amendola BE; Amendola MA; Oliver E; McClatchey KD, (Radiology), 158: 839, 1986
- chordomas: their CT appearance in the cervical, thoracic and lumbar spine, Meyer JE; Lepke RA; Lindfors KK; Pagani JJ; Hirschy JC; Hayman LA; Momose KJ; McGinnis B, (Radiology), 153: 693, 1984
- computed tomography of solitary spinal osteochondromas, Lanzieri CF; Solodnik P; Sacher M; et al, (JCAT), 9: 1042, 1985
- computed tomography of spinal chordomas, Firooznia H; Golimbu C; Rafii M; et al, (CT), 10: 45, 1986
- CT and nuclear medicine imaging in vertebral metastases, Van Zanten TEG; Teule GJJ; Golding RP; et al, (Clin Nucl Med), 11: 334,
- CT findings in paravertebral synovial sarcoma, Treu EBWM; de Slegte RGM; Golding RP; et al, (JCAT), 10: 460, 1986
- giant cell tumors of bone: treatment with radiation therapy, Seider MJ; Rich TA; Ayala AG; Murray JA, (Radiology), 161: 537, 1986
- impact of MR imaging on clinical diagnosis and management: prospective study, Franken EA Jr; Berbaum KS; Dunn V; Smith WL; Ehrhardt JC; Levitz GS; Breckenridge RE, (Radiology), 161: 377, 1986
- incidental vertebral lesions identified during technetium-99m sulfur colloid liver-spleen imaging, Shih W-J; Domstad PA; DeLand FH; et al, (Clin Nucl Med), 11: 585,

- intramuscular hemangioma, Cohen AJ; Youkey JR; Clagett GP; et al, (Radiology), 150: 858, 1984
- intraspinal tumor with lumbosacral agenesis, Hafeez M; Tihansky DP, (AJNR), 5: 481,
- lymphographic documentation of a vertebral lymphangioma, Wenz W; Reichelt A; Rau WS; et al, (Radiology), **155**: 273, 1985
- middle sacral arteriography: diagnostic and therapeutic implications, Kudo S; Chuang VP; Wallace S; Bechtel WJ; Mir S, (Radiology), 151: 65, 1984
- MR imaging of a spinal teratoma, Monajati A; Spitzer RM; Wiley JL; et al, (JCAT), 10: 307, 1986
- MR imaging of intraspinal extension of neuroblastoma, Siegel MJ; Jamroz GA; Glazer HS; et al, (JCAT), 10: 593, 1986
- myelography in cancer patients: modified technique, Lee Y-Y; Glass JP; Wallace S, (AJNR), 6: 617, 1985
- osteoid osteoma and osteoblastoma of the spine in children: report of 22 cases with brief literature review, Azouz EM; Kozlowski K; Marton D; et al, (Pediatr Radiol), **16**: 25, 1986
- Plasmacytoma of the lumbar spine by SPECT, Hartshorne MF; Cawthon MA; Bauman JM, (Clin Nucl Med), 11: 65, 1986
- presacral myelolipoma: CT findings, Sutker B; Balthazar EJ; Fazzini E, (JCAT), 9: 1128, 1985
- primary vertebral tumours in children. report of 20 cases with brief literature review, Kozlowski K; Beluffi G; Masel J; et al, (Radiology), 153: 567, 1984
- radiation therapy for spinal epidural metastases with complete block, Tomita T; Galicich JH; Sundaresan N, (Radiology), **151**:
- sacrococygeal chordoma: magnetic resonance imaging and computed tomography. Rosenthal DI; Scott JA; Mankin HJ; et al, (AJR), 145: 143, 1985
- spinal computed tomography scanning in the evaluation of metastatic disease, Redmond J III; Spring DB; Munderloh SH; et al, (Radiology), **154**: 856, 1985
- spinal epidural lymphomas: CT features in seven patients, Beres J; Pech P; Berns TF; et al, (AJNR), 7: 327, 1986
- vertebral-body collapse in focal and diffuse disease: patterns of pathologic processes. Sartoris DJ; Clopton P; Nemcek A; Dowd C; Resnick D, (Radiology), 160: 479, 1986
- vertebral hemangioma with compression myelopathy: metrizamide CT demonstration, Leehey P; Naseem M; Every P; et al, (JCAT), 9: 985, 1985
- Spine, radiography
- bone scintigraphy and radiography in young athletes with low back pain, Papanicolaou N; Wilkinson RH; Emans JB; et al, (AJR), 145: 1039, 1985
- current status of lumbar diskography, Shapiro R, (Radiology), 159: 815, 1986
- current status of lumbar diskography, Shapter AE, (Radiology), 161: 853, 1986
- current status of lumbar diskography: reply, Shapiro R, (Radiology), 161: 853, 1986 differential diagnosis and radiological work-up bilateral lateral atlantoaxial offset, Prager PJ, (Radiology), 152: 551, 1984
- flexion and extension radiography of the lumbar spine: a comparison with lumbar discography, Quinnell RC; Stockdale HR, (Radiology), 151: 545, 1984
- genetic factor in cervical spondylosis, Palmer PES; Stadalnick R; Arnon S, (Radiology), **154:** 557, 1985
- odontoid hypoplasia, McManners T, (Radiology), **152**: 843, 1984
- pure thoracolumbar facet dislocation: clinical features and CT appearance, Gellad FE; Levine AM; Joslyn JN; Edwards CC; Bosse M, (Radiology), 161: 505, 1986
- radiology of postnatal skeletal development: XI the first cervical vertebra, Ogden JA, (Radiology), 154: 854, 1985
- reappraisal of lumbar discography, Milette PC; Melanson D, (Radiology), 150: 856, 1984
- sacral destruction: foraminal lines revisited, Amorosa JK; Weintraub S; Amorosa LF; et al, (AJR), **145**: 773, 1985

- segmented-field radiography in scoliosis, Daniel WW; Barnes GT; Nasca RJ; et al, (AJR), **144**: 325, 1985
- spine and multiple site hyperostoses in gout and hyperuricemia, Stepan J; Svab V; Kolar J; et al, (Radiology), 151: 545, 1984
- syndesmo-odontoid joint and calcium pyrophosphate dihydrate deposition disease (CPPD), Dirheimer Y; Bensimon C; Christmann D; et al, (Radiology), **152**: 260,
- thoracic paraspinal shadow: a review of the appearances in pathological conditions, Lien HH; Kolbenstvedt A; Lund G, (Radiology), **154**: 271, 1985
- Spine, radionuclide studies
  - bone scintigraphy and radiography in young athletes with low back pain, Papanicolaou N; Wilkinson RH; Emans JB; et al. (AJR), 145: 1039, 1985
  - CT and nuclear medicine imaging in vertebral metastases, Van Zanten TEG; Teule GJJ; Golding RP; et al, (Clin Nucl Med), 11: 334,
  - false-normal bone imaging in spinal tuberculosis, Pui MH; Chin-Sang HB; Rubenstein JD, (Clin Nucl Med), 11: 245,
  - incidental vertebral lesions identified during technetium-99m sulfur colloid liver-spleen imaging, Shih W-J; Domstad PA; DeLand FH; et al, (Clin Nucl Med), 11: 585, 1986
  - laminectomy: effects on postoperative technetium and gallium scintigraphy, Silberstein EB; Schneider HJ; Khodadad G; DeVries D; Rauf GC; Noll R, (Radiology), 151: 785, 1984
- 151: 785, 1984
  leukocyte scanning of inflammatory processes in the spinal column, Georgi P; Kaps HP; Sinn HJ, (Radiology), 158: 569, 1986
  nuclear imaging as a screening test for patients referred for intraarticular facet block, Raymond J; Dumas J-M; L'sbona R, (Radiology), 155: 558, 1982
  painful spondylolysis or spondylolisthesis studied by radiography and single-photon emission computed tomography, Collier BD; Johnson RP; Carrera GF; Meyer GA; Schwab JP; Flatley TJ; Isitman AT; Hellman RS; Zielonka JS; Knobel J, (Radiology), 158: 207, 1985 (Radiology), 154: 207, 1985
- "photopenic" bone lesion secondary to erector spinae muscle infiltration by breast carcinoma, Eiber AM; Wiener SN, (Clin Nucl Med), 11: 194, 1986
- solitary vertebral body uptake on bone scintigraphy: "black ivory" vertebrae sign, Greene GS; Maurer AH, (Semin Nucl Med), 15: 317, 1985
- wretbral osteomyelitis: assessment using MR, Modic MT; Feiglin DH; Piraino DW; Boumphrey F; Weinstein MA; Duchesneau PM; Rehm S, (Radiology), **157**: 157, 1985
- Spine, stenosis
- annual oration: degenerative diseases of the vertebral column, Resnick D, (Radiology), 156: 3, 1985
- CT in low back and sciatic pain due to lumbar canal osseous changes, Rosa M; Capellini C; Canevari MA; et al, (Neuroradiol), 28: 237,
- lumbar spine: pretest predictability of CT findings, Giles DJ; Thomas RJ; Osborn AG; Clayton PD; Miller M; Bahr L; Frederick P; O'Connor G; Ostler D, (Radiology), **150**: 719,
- magnetic resonance imagir g of intervertebral disk disease: clinical and pulse sequence considerations, Modic MT, Pavlicek W; Weinstein MA; Boumphrey F; Ngo F; Hardy RW Jr; Duchesneau PM, (Radiology), 152: 103, 1984
- Spine, surgery

- pine, surgery
  acquired spondylolisthesis following scoliosis
  surgery, a case report, Friedman RJ;
  Micheli LJ, (Radiology), 156: 859, 1985
  animal model for studying the chronic effects
  of herniated disks and spinal surgery,
  Barthelemy CR; Johansen J;
  Carrera GF; et al, (AJNR), 5: 67, 1984
  arachnoiditis from myelography and
  laminectomy in experimental animals,
  Johansen JG; Barthelemy CR;
  Haughtnot VM; et al, (AJNR), 5: 97, 1984
  computed tomography of the asymptomatic
  postsurgical lumbar spine: analysis of the
  physiologic scar, Braun IF; Lin JP;
  Benjamin MV; et al, (AJR), 142: 149, 1984

- intraoperative sonography during lumbar laminectomy: work in progress, Gooding GAW; Boggan JE; Weinstein PR, (AJNR), 5: 751, 1984
- (A)NR), 5: 751, 1984 intravenous contrast-enhanced CT of the postoperative lumbar spine: improved identification of recurrent disk herniation, scar, arachnoiditis, and diskitis, Teplick JG; Haskin ME, (A)NR), 5: 373, 1984 laminectomy: effects on postoperative technetium and gallium scintigraphy, Silberstein EB; Schneider HJ; Khodadad G; DeVries D; Rauf GC; Noll R, (Radiology), 151, 785, 1984 151: 785, 1984
- percutaneous lumbar diskectomy using a new aspiration probe, Onik G; Helms CA; Ginsburg L; et al, (AJNR), 6: 290, 1985
- retroperitoneal fibrosis after anterior spinal fusion, Chan FL; Chow SP, (Radiology), 150: 288, 1984
- giant cell tumors of bone: treatment with radiation therapy, Seider MJ; Rich TA; Ayala AG; Murray JA, (Radiology), 161: 537, 1986
- medulloblastoma therapy using electron beams, Vijayakumar S; Muller-Runkel R, (Radiology), 157: 541, 1985
- MR imaging of the spine after radiation therapy: easily recognizable effects, Ramsey RG; Zacharias CE, (AJNR), 6: 247, 1985
- metastases with complete block, Tomita T;
  Galicich JH; Sundaresan N, (Radiology), 151: 279, 1984
- Spine, US studies
  - congenital vertebral malformations: prenatal diagnosis using ultrasonography, Abrams SL; Filly RA, (Radiology), 155: 762,
- intraoperative sonography in spinal trauma, Montalvo BM; Quencer RM; Green BA; Eismont FJ; Brown MJ; Brost P, (Radiology), 153: 125, 1984
- 133: 123, 1394 intraoperative sonography of the spine and spinal cord, Rubin JM; Dohrmann GJ, (Semin US CT MR), 64 48, 1985 sonographic demonstration of lumbar disc herniation, Ebner F; Tolly E; Kopp W, (J Ultrasound Med), 5: 193, 1986 sonography of the caudal spine and back: congenital anomalies in children, Naidich TP; Fernbach SK; McLone DG; et al,
- (AJNR), 5: 221, 1984 sonography of the spine and spinal cord, Raghavendra BN; Epstein FJ, (Radiol Clin North Am), 23: 91, 1985
- spine and spinal cord during neurosurgical operations: real-time ultrasonography, Rubin JM; Dohrmann GJ, (Radiology), **155**: 197, 1985
- Spleen
- liver metastases: detection by phase-contrast MR imaging, Stark DD; Wittenberg J; Middleton MS; Ferrucci JT Jr, (Radiology), 158: 327, 1986
- Spleen, abnormalities
  congenital spleen thinning mimicking a
  space-occupying lesion, McCullough RW;
  Moonan D; Schatz S; et al, (Clin Nucl Med), 11: 262, 1986
  - CT of splenic and perisplenic abnormalities in septic patients, Balthazar EJ; Hilton S; Naidich DP; et al, (AJR), 144: 53, 1985
- displaced spleen, Moreno AJ; Spicer MJ; Farnum GD; et al, (Semin Nucl Med), 16: 216, 1986
- splenic "draping": clarification by gastric and splenic scintigraphy, Nov AA; Smith GR; McMillin T, (AJR), 142: 323, 1984
- technetium-9m red blood cell blood-pool imaging in functional asplenia due to leukemic infiltration, Yoo JHK; Orzel JA; Bagnall JW; et al, (Clin Nucl Med), 11: 493, 1986
- 1900 fa wandering spleen: CT appearance, Parker LA; Mittelstaedt CA; Mauro MA; et al, (ICAT), 8: 1201, 1984 torsion of wandering spleen and distal pancreas, Sheflin JR; Lee CM; Kretchmar KA, (AJR), 142: 100, 1984 value of scintigraphy in the evaluation of a wandering spleen, Groshar D; Israel O; Barzilai A; et al, (Clin Nucl Med), 11: 42,
- 1986

Spieen, abscess interventional radiology in the spieen, Quinn SF: vanSonnenberg E; Casola G; Wittich GR; Neff CC, (Radiology), **161**: 289,

- left upper quadrant pain and intermittent bacteremia, Foster WL Jr; Heinsimer JA; Parrish DE, (Invest Radiol), 21: 488, 1986
- splenic abscess on ultrasonography, Iko BO, (Eur J Radiol), 6: 116, 1986
- splenic abscess: percutaneous drainage, Lerner RM; Spataro RF, (Radiology), 153:
- subacute splenic abscess: appearance on indium-111 leukocyte, gallium-67, and technetium-99m sulfur colloid imaging, Ammann W; Chiu BKY; Wright JM, (Clin Nucl Med), 11: 165, 1986

Spleen, accessory

accessory spleen compromising response to splenectomy for idiopathic thrombocytopenic purpura, Ambriz R; Munoz R; Quintanar E; Sigler L; Aviles A; Pizzuto J, (Radiology), 155: 793, 1985

Spleen, anatomy

bare area of the spleen: a constant CT feature of the ascitic abdomen, Vibhakar SD; Bellon EM, (AJR), 142: 953, 1984

Spleen, biopsy

Quinn SF; vanSonnenberg E; Casola G; Wittich GR; Neff CC, (Radiology), **161**: 289,

Spleen, CT

- computed tomography and ultrasonography in splenic infarction, Shirkhoda A; Wallace S; Sokhandan M, (Radiology), 157:
- computed tomography follow-up of nonsurgical treatment for hypersplenism, Tihansky DP; Lluncor E, (CT), **10**: 227, 1986
- computed tomography for focal splenic pathology, Anjou A; Chollat L; Bret PM; et al, (Radiology), **151**: 272, 1984
- computed tomography of splenic sarcoidosis, Mathieu D; Vanderstigel M; Schaeffer A; et al, (JCAT), **10:** 679, 1986
- compute: .omography of the spleen and liver in sickle cell disease, Magid D; Fishman EK; Siegelman SS, (AJR), 143: 245, 1984
- CT of splenic and perisplenic abnormalities in septic patients, Balthazar EJ; Hilton S; Naidich DP; et al, (AJR), 144: 53, 1985
- CT of the liver and spleen with EOE-13: review of 225 examinations, Miller DL; Vermess M; Doppman JL; et al, (AJR), 143: 235, 1984
- CT patterns of splenic infarction: a clinical and experimental study, Balcar I; Seltzer SE; Davis S; Geller SC, (Radiology), **151**: 723,
- decreased splenic enhancement on CT in traumatized hypotensive patients, Berland LL; Van Dyke JA, (Radiology), 156:
- delayed development of splenic subcapsular hematoma: CT evaluation, Fagelman D; Hertz MA; Ross AS, (JCAT), 9: 815, 1985
- focal splenic disease demonstrated by ultrasound and computed tomography, Costello P; Kane RA; Oster J; et al, (Radiology), 158: 287, 1986
- hepatosplenic fungal infection: CT and pathologic evaluation after treatment with liposomal amphotericin B, Shirkhoda A; Lopez-Berestein G; Holbert JM; Luna MA, (Radiology), 159: 349, 1986
- liposomes loaded with contrast material for image enhancement in CT. work in progress, Ryan PJ; Davis MA; DeGaeta LR; Woda B; Melchior DL, (Radiology), 152: 759,
- mesodermal cyst of the spleen: computed tomographic characteristics and pathogenetic considerations, Shin MS; Ho K-J, (Radiology), **151**: 555, 1984
- multiple cavernous hemangiomas of the spleen: CT findings, Moss CN; Van Dyke JA; Koehler RE; et al, (JCAT), **10**: 338, 1986
- spleen in Hodgkin disease: diagnostic value of CT, Strijk SP; Wagener DJT; Bogman MJJT; de Pauw BE; Wobbes T, (Radiology), 154: 753, 1985
- splenic imaging, Peters PE; Lorenz R; Fischer M, (Radiology), 151: 260, 1984 splenic infarction, a complication of transcatheter hepatic arterial embolization for liver malignancies, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Ishikawa T; Ushio K; Matsue H; Sasagawa M; Yamada T, (Radiology), 151: 371, 1984

splenic pseudocyst as a complication of ventriculoperitoneal shunt: CT features, Mata J; Alegret X; Llauger J, (JCAT), 10: 341, 1986

Spleen, cysts

- pleen, cysis
  intraoperative sonography of perisplenic
  pseudocysts, Gooding GAW; Linkowski GD;
  Deveney C; et al, (AJR), 145: 1013, 1985
  mesodermal cyst of the spleen: computed
  tomographic characteristics and
  pathogenetic considerations, Shin MS; Ho
  K-J, (Radiology), 151: 555, 1984
  ropparatitie splanic cysts, report of \$2 cases
- K-J, (Kadiology), 151: 555, 1984
  nonparasitic splenic cysts: report of 52 cases
  with radiologic-pathologic correlation,
  Dachman AH; Ros PR; Murari PJ; et al,
  (AJR), 147: 537, 1986
  place of liver-spleen scanning in the workup
  of giant secondary cysts of the spleen,
  Hartshorne MF; Heggen WD;
  Crooks L; et al, (Clin Nucl Med), 11: 4, 1986
  sonography and perguianeous senioration of
- sonography and percutaneous aspiration of splenic epidermoid cyst, Goldfinger M; Cohen MM; Steinhardt MI; et al, (JCU), 14: 147, 1986
- splenic pseudocyst as a complication of ventriculoperitoneal shunt: CT features, Mata J; Alegret X; Llauger J, (JCAT), 10: 341,

Spleen, diseases

- CT findings in hepatic and splenic amyloidosis, Suzuki S; Takizawa K; Nakajima Y; et al, (JCAT), 10: 332, 1986
- focal splenic disease demonstrated by ultrasound and computed tomography, Costello P; Kane RA; Oster J; et al, (Radiology), 158: 287, 1986
- (Radiology), 188, 287, 1766 Gaucher disease: sonographic appearance of the spleen, Hill SC; Reinig JW; Barranger JA; Fink J; Shawker TH, (Radiology), 160: 631, 1986
- (Radiology), 160: 631, 1986 hepatosplenic fungal infection: CT and pathologic evaluation after treatment with liposomal amphotericin B, Shirkhoda A; Lopez-Berestein G; Holbert JM, Luna MA, (Radiology), 159: 349, 1986
- hepatosplenic schistosomiasis mansoni: ultrasound manifestations, Cerri GG; Alves VAF; Magalhaes A, (Radiology), 153: 777, 1984
- splenic embolization for hypersplenism using steel coils, Yoshioka H; Kuroda C; Hori S; et al, (AJR), 144: 1269, 1985

Spleen, hemorrhage

delayed development of splenic subcapsular hematoma: CT evaluation, Fagelman D; Hertz MA; Ross AS, (JCAT), 9: 815, 1985

Spleen, hypersplenism

partial splenic embolization in children with hypersplenism, Kumpe DA; Rumack CM; Pretorius DH; Stoecker TJ; Stellin GP, (Radiology), 155: 357, 1985

Spleen, infarction

- atypical sonographic findings in splenic infarction, Kauzlaric D; Passega E, (JCU), 14: 461, 1986
- computed tomography and ultrasonography in splenic infarction, Shirkhoda A; Wallace S; Sokhandan M, (Radiology), 157: 861, 1985
- computed tomography follow-up of nonsurgical treatment for hypersplenism, Tihansky DP; Lluncor E, (CT), 10: 227, 1986 CT patterns of splenic infarction: a clinical and experimental study, Balcar I; Seltzer SE; Davis S; Geller SC, (Radiology), 151: 723, 1984
- intravascular contrast agents suitable for magnetic resonance imaging, Runge VM; Clanton JA; Herzer WA; Gibbs SJ; Price AC; Partain CL; James AE Jr, (Radiology), 153:
- partial splenic embolization in children with hypersplenism, Kumpe DA; Rumack CM; Pretorius DH; Stoecker TJ; Stellin GP, (Radiology), 155: 357, 1985
- sonographic patterns in splenic infarct, Maresca G; Mirk P; De Gaetano A; et al, (JCU), 14: 23, 1986
- sonography after splenic embolization: the wedge-shaped acute infarct, Weingarten MJ; Fakhry J; McCarthy J; et al, (AJR), 142: 957,
- splenic infarction, a complication of transcatheter hepatic arterial embolization for liver malignancies, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Ishikawa T; Ushio K; Matsue H; Sasagawa M; Yamada T, (Radiology), 151: 371, 1984

Spleen, injuries

- acute abdomen: computed tomography, Federle MP, (Radiographics), 5: 307, 1985 acute abdomen: plain radiographic evaluation, Johnson CD; Rice RP, (Radiographics), 5:
- 259, 1985 acute abdomen: radionuclide imaging, Freeman LM; Lutzker LG; Weissmann HS, (Radiographics), 5: 285, 1985
- acute abdomen: ultrasonography, Leopold GR, (Radiographics), 5: 273, 1985
- healing in the traumatized spleen: sonographic investigation, Lupien C; Sauerbrei EE, (Radiology), **151**: 181, 1984
- limitations of computed tomography in the recognition of delayed splenic rupture, Taylor CR; Rosenfield AT, (JCAT), 8: 1205,
- nonoperative management of splenic trauma. conservative or radical treatment?, Zucker K; Browns K; Rossman D; et al, (Radiology), 154: 284, 1985
- and iatrogenic disorders, Spencer RP; Gupta SM, (Semin Nucl Med), 15: 305, 1985
- scintigraphic demonstration of splenosis, Stewart CA; Sakimura IT; Siegel ME, (Clin Nucl Med), 11: 161, 1986
- scintigraphic demonstration of viable splenic autotransplant, Szasz IJ; Nagy A, (Clin Nucl Med), 11: 209, 1986
- thoracic splenosis, Moncada R; Williams V; Fareed J; et al, (AJR), 144: 705, 1985

Spleen, MR studies

- changes in proton relaxation times of the rat spleen during adjuvant-induced immunologic reaction, Terrier F; Revel D; Hricak H; et al, (Invest Radiol), 21: 221, 1986
- ferromagnetic particles as contrast agents for magnetic resonance imaging of liver and spleen, Dias MHM; Lauterbur PC, (Magn Res Med), 3: 328, 1986
- Gaucher disease: assessment with MR imaging, Lanir A; Hadar H; Cohen I; Tal Y; Benmair J; Schreiber R; Clouse ME, (Radiology), 161: 239, 1986
- MRI of the spleen: normal appearance and findings in sickle-cell anemia, Adler DD; Glazer GM; Aisen AM, (AJR), 147: 843, 1986
- nuclear magnetic resonance of the liver, spleen, and pancreas, Stark DD; Moss AA; Goldberg HI, (Cardiovasc Intervent Radiol), 8: 329, 1986

Spleen, neoplasms

- interventional radiology in the spleen, Quinn SF; vanSonnenberg E; Casola G; Wittich GR; Neff CC, (Radiology), **161**: 289,
- spleen structure in Hodgkin diseas ultrasonic characterization: work in progress, Sommer FG; Hoppe RT; Fellingham LL; Carroll BA; Solomon H; Yousem S, (Radiology), 153: 219, 1984
- splenectomy for splenic metastasis from carcinoma of colon, Slavin JD Jr; Mathews J; Spencer RP, (Clin Nucl Med), 11: 491, 1986

Spleen, radiography

liver and spleen. guide to diagnostic imaging. volume 1, Kovac A, Reviewed by Griffiths HJ, (Radiology), **151:** 314, 1984

Spleen, radionuclide studies

- accessory spleen compromising response to splenectomy for idiopathic thrombocytopenic purpura, Ambriz R; Munoz R; Quintanar E; Sigler L; Aviles A; Pizzuto J, (Radiology), 155: 793, 1985
- clinical studies with spleen-specific radiolabeled agents, Armas RR, (Semin Nucl Med), 15: 260, 1985
- comparison between 180° and 360° data proparison between 180° and 360° data reconstruction in single photon emission computed tomography of the liver and spleen, Ott RJ; Flower MA; Khan O; et al, (Radiology), 152: 869, 1984
- congenital spleen thinning mimicking a space-occupying lesion, McCullough RW; Moonan D; Schatz S; et al, (Clin Nucl Med), 11: 262, 1986
- diagnosis of diffuse hepatocellular diseases using SPECT, Kodama T; Watanabe K; Hoshi H; et al, (J Nucl Med), 27: 616, 1986
- dual radionuclide subtraction imaging of the spleen, Rosenberg RJ; Sziklas JJ; Rich DA, (Semin Nucl Med), 15: 299, 1985

false-positive spleen imaging: splenic cleft and accessory spleen, Slavin JD Jr; Vento JA; Spencer RP, (Clin Nucl Med), 11: 509, 1986

liver-spleen scintigraphy in patients with acquired immunodeficiency syndrome, Smith R, (AJR), 145: 1201, 1985

liver-spleen studies with the rotating gamma camera. II. utility of tomography, Keyes JW Jr; Singer D; Satterlee W; Kalff V; Harkness BA, (Radiology), **153**: 537, 1984

liver-spleen studies with the rotating gamma camera. I: utility of the rotating display, Kalff V; Satterlee W; Harkness BA; Singer D; Keyes JW Jr. (Radiology), 153: 533, 1984

measurement of splenic function with heat-damaged RBCs: effect of heating conditions, Valk PE; Guille J, (Radiology), 157: 288, 1985

nonoperative management of splenic trauma. conservative or radical treatment?, Zucker K, Browns K, Rossman D; et al, (Radiology), **154**: 284, 1985

place of liver-spleen scanning in the workup of giant secondary cysts of the spleen, Hartshorne MF; Heggen WD; Crooks L; et al, (Clin Nucl Med), 11: 4, 1986

radiocolloid scintigraphy in Felty's syndrome, Shih W-J; Domstad PA; Li C-Y; et al, (AJR), 147: 181, 1986

radiogallium hot spleen in Trousseau's syndrome with splenic vein occlusion, Dey HM; Karimeddini MK; Ciesielski TE; et al, (Clin Nucl Med), 11: 640,

radionuclide studies of the spleen in trauma and iatrogenic disorders, Spencer RP; Gupta SM, (Semin Nucl Med), 15: 305, 1985

radiopharmaceuticals for spleen and bone marrow studies, Desai AG; Thakur ML, (Semin Nucl Med), 15: 229, 1985

scintigraphic demonstration of viable splenic autotransplant, Szasz IJ; Nagy A, (Clin Nucl Med), 11: 209, 1986

scintigraphic finding in large-cell lymphoma of the spleen, Lindfors KK; Meyer JE; Palmer EL III; et al, (Radiology), **157**: 288,

scintigraphic findings in infantile hemangioendothelioma, Noel AW; Heyman S, (Clin Nucl Med), 11: 413, 1986

spleen: development and functional evaluation, Sty JR; Conway JJ, (Semin Nucl Med), 15: 276, 1985

splenectomy for splenic metastasis from carcinoma of colon, Slavin JD Jr; Mathews J; Spencer RP, (Clin Nucl Med), 11: 491, 1986

splenic "draping": clarification by gastric and splenic scintigraphy, Nov AA; Smith GR; McMillin T, (AJR), 142: 323, 1984

splenic hemangioma presenting as a "hot spot" on radiocolloid scintigraphy, Gulenchyn KY; Dover MR; Kelly S, (J Nucl Med), 27: 804, 1986

splenic simulation by left hepatic lobe following splenectomy, Noel A; Harbert JC, (Radiology), **153**: 861, 1984

subacute splenic abscess: appearance on indium-111 leukocyte, gallium-67, and technetium-99m sulfur colloid imaging, Ammann W; Chiu BKY; Wright JM, (Clin Nucl Med), 11: 165, 1986

technetium-99m red blood cell blood-pool imaging in functional asplenia due to leukemic infiltration, Yoo JHK; Orzel JA; Bagnall JW; et al, (Clin Nucl Med), 11: 493, 1986

value of scintigraphy in the evaluation of a wandering spleen, Groshar D; Israel O; Barzilai A; et al, (Clin Nucl Med), 11: 42,

#### Spleen, surgery

splenic simulation by left hepatic lobe following splenectomy, Noel A; Harbert JC, (Radiology), **153**: 861, 1984

#### Spleen, torsion

torsion of a wandering spleen: CT appearance, Parker LA; Mittelstaedt CA; Mauro MA; et al, (JCAT), 8: 1201, 1984

# Spleen, transplantation

technetium-99m sulfur colloid imaging of vascular thrombosis in pancreaticosplenic transplant, Grassi CJ; Lee RGL; Hill TC; et al, (Clin Nucl Med), 11: 558, 1986

Spleen, US studies

atypical sonographic findings in splenic infarction, Kauzlaric D; Passega E, (JCU), 14:

computed tomography and ultrasonography in splenic infarction, Shirkhoda A; Wallace S; Sokhandan M, (Radiology), 157:

focal splenic disease demonstrated by ultrasound and computed tomography, Costello P; Kane RA; Oster J; et al, (Radiology), 158: 287, 1986

(Radiology), 168, 287, 1700 Gaucher disease: sonographic appearance of the spleen, Hill SC; Reinig JW; Barranger JA; Fink J; Shawker TH, (Radiology), 160: 631, 1986

healing in the traumatized spleen: sonographic investigation, Lupien C; Sauerbrei EE, (Radiology), **151**: 181, 1984

hepatosplenic schistosomiasis mansoni: ultrasound manifestations, Cerri GG; Alves VAF; Magalhaes A, (Radiology), 153:

intraoperative sonography of perisplenic pseudocysts, Gooding GAW; Linkowski GD; Deveney C; et al. (AJR), 145: 1013, 1985 left upper quadrant pseudolesion secondary to normal variants in liver and spleen, Arenson AM; McKee JD, (JCU), 14: 558, 1986

pseudo perisplenic "fluid collections": clue to normal liver and spleen echogenic texture, Li DKB; Cooperberg PL; Graham MF; et al, (J Ultrasound Med), 5: 397, 1986

sonographic patterns in splenic infarct, Maresca G; Mirk P; De Gaetano A; et al, (JCU), 14: 23, 1986

sonography after splenic embolization: the wedge-shaped acute infarct, Weingarten MJ; Fakhry J; McCarthy J; et al, (AJR), 142: 957,

sonography and percutaneous aspiration of splenic epidermoid cyst, Goldfinger M; Cohen MM; Steinhardt MI; et al, (JCU), 14: 147, 1986

sonography of the accessory spleen, Subramanyam BR; Balthazar EJ; Horii SC, (AJR), 143: 47, 1984

spleen, Mittelstaedt CA; McCartney WH; Mauro MA; et al, (Clin Diagn Ultrasound), 14: 235, 1984

18: 255, 1909.
spleen structure in Hodgkin disease:
ultrasonic characterization: work in
progress, Sommer FG; Hoppe RT;
Fellingham LL; Carroll BA; Solomon H;
Yousem S, (Radiology), 153: 219, 1984

splenic abscess on ultrasonography, Iko BO, (Eur J Radiol), 6: 116, 1986 splenic imaging, Peters PE; Lorenz R; Fischer M, (Radiology), 151: 260, 1984

ultrasound imaging: liver, spleen, pancreas, Cosgrove DO; McCready VR, Reviewed by Smith EH, (Radiology), 153: 502, 1984

unusual ultrasound appearance of the spleen—case of hereditary spherocytosis, Gupta R; Woodham CH, (Br ] Radiol), 59: 284, 1986

Spondylitis

application of single photon emission computed tomography to the diagnosis of ankylosing spondylitis of the spine, Jacobsson H; Larsson SA; Vesterskold L; et al, (Radiology), 153: 575,

case of the season, Byrne JV, (Semin Roentgenol), 21: 101, 1986

case report 344, Dowd CF; Sartoris DJ; Haghighi P; et al, (Skeletal Radiol), **15**: 65, 1986

evaluation of Pott's disease with computed tomography, LaBerge JM; Brant-Zawadzki M, (Radiology), **156**: 567, 1985

fracture of the cervical spine in ankylosing spondylitis, Harding JR: McCall IW; Park WM; et al. (Radiology). 157: 850, 1985 internal fixation for stress fractures of the ankylosed spine, Marsh CH, (Radiology), 157: 281, 1985

MRI of tuberculous spondylitis, de Roos A; van Persijn van Meerten Els L; Bloem JL; et al, (AJR), 147: 79, 1986

role of computed tomography in the diagnosis of infectious spondylitis, Hermann G; Mendelson DS; Cohen BA; et al., (Radiology), 152: 860, 1984

spondylitis-spondylodiscitis. pathological-anatomical morphology and diagnostic problems, Adler C-P, (Radiology), 158: 570, 1986

Spondylolisthesis

See Spine, dislocation

Spondylolysis

cervical spinal cord injuries in patients with cervical spondylosis, Regenbogen VS; Rogers LF; Atlas SW; et al, (AJR), 146: 277, 1986

controversies in lumbosacral spine radiography: indications, projections, and clinical implications, Hall FM, (Radiology), 153: 833, 1984

controversies in lumbosacral spine radiography: indications, projections, and clinical implications: reply, Bloom RA; Libson E, (Radiology), 153: 833, 1984

CT multiplanar reconstruction in 253 cases of lumbar spondylolysis, Rothman SLG; Glenn WV Jr, (AJNR), 5: 81, 1984 diagnosis and evaluation of spondylolisthesis and/or spondylolysis on axial CT, Teplick JG; Laffey PA; Berman A; et al., (AJNR), 7: 479, 1986

(A)NK), 7: 479, 1986
"incomplete ring" sign: simple method for CT detection of spondylolysis, Langston JW; Gavant ML, (JCAT), 9: 728, 1985
oblique lumbar spine radiographs: importance in young patients, Libson E; Bloom RA; Dinari G; Robin GC, (Radiology), 151: 89, 1984

1904
painful spondylolysis or spondylolisthesis
studied by radiography and single-photon
emission computed tomography, Collier BD;
Johnson RP; Carrera GF; Meyer GA;
Schwab JP; Flatley TJ; Isitman AT;
Hellman RS; Zielonka JS; Knobel J,
(Radiology), 154: 207, 1985

(Radiology), 154: 207, 1985 review of spondylolisthesis and spondylolysis in pediatric practice, Oakley RH; Carty H, (Radiology), 155: 855, 1985 spondylolysis of the lumbar spine: demonstration of defects and laminal fragmentation, Amato M; Totty WG; Gilula LA, (Radiology), 153: 627, 1984

Sporotrichosis

abnormal bone and gallium scans in a case of multifocal systemic sporotrichosis, Anees A; Ali A; Fordham EW, (Clin Nucl Med), 11: 663, 1986

musculoskeletal sporotrichosis, Chang AC; Destouet JM; Murphy WA, (Radiology), **154**: 848, 1985

systemic sporotrichosis with osteomyelitis, Kumar R; van der Smissen E; Jorizzo J, (Radiology), **153**: 561, 1984

adaptation of the ileum in nontropical sprue: reversal of the jejunoileal fold pattern, Bova JG; Friedman AC; Weser E; et al, (AJR), 144: 299, 1985

duodenal manifestations of nontropical sprue, Marn CS; Gore RM; Ghahremani GG, (Gastrointest Radiol), 11: 30, 1986

jejunal fold separation in adult celiac disease: relevance of enteroclysis, Herlinger H; Maglinte DDT, (Radiology), **158**: 605, 1986

Staphylococci

experimental Staphylococcus aureus brain abscess, Enzmann DR; Britt RR; Obana WG; et al, (AJNR), 7: 395, 1986

Sterility

assessment of follicular development by ultrasonography and total serum estrogen in human menopausal gonadotropin-stimulated cycles, Dornbluth NC; Potter JL; Shepard MK; et al. (Radiology), 152: 865, 1984

endometrial echo and its significance in female infertility, Brandt TD; Levy EB; Grant TH; Marut E; Leland J, (Radiology), 157: 225, 1985

fallopian tubal patency assessed by ultrasound following fluid injection. work in progress, Richman T5; Viscomi GN; deCherney A; Polan ML; Alcebo LO, (Radiology), **152**: 507,

female infertility, Hall DA; Yoder IC, (Clin Diagn Ultrasound), 14: 111, 1984

in vitro fertilization 1986: new procedures and new questions, Quigley MM, (Invest Radiol), 21: 503, 1986

in vitro fertilization and embryo transfer complicated by simultaneous ectopic and intrauterine twin gestation, Simpson EL; Coleman BC; Sondheimer SJ; et al. (J Ultrasound Med), 5: 49, 1986

magnetic resonance imaging: its application to male infertility, McClure RD; Hricak H, (Radiology), 160: 285, 1986

- management of male infertility: roles of contact thermography, spermatic venography, and embolization, Pochaczevsky R; Lee WJ; Mallett E, (AJR), 147: 97, 1986
- ovarian hyperstimulation with exogenous pulsatile gonadotropin releasing hormone therapy, Corenblum B; Wiseman DA, (J Ultrasound Med), 4: 405, 1985
- paternity after irradiation for testicular cancer, Fossa SD; Almaas B; Jetne V; et al, (Acta Radiol [Oncol]), 25: 33, 1986
- Kadiol [Uncol]), 25: 33, 1986
  percutaneous spermatic vein occlusion:
  evaluation of sclerosing agents in
  experimental animals, Kinnison ML;
  Kadir S; Strandberg [D; Anderson JH;
  White RI Jr, (Radiology), 161: 299, 1986
  postoperative hysterosalpingogram:
  radiographic-surgical correlation,
  Schwimmer M; Heiken JP; McClennan BL;
  Friedrich ERF, (Radiology), 157: 313, 1985
  pregnancy after percutaneous transvesical
- pregnancy after percutaneous transvesical ultrasound-guided follicle aspiration for in-vitro fertilization, Ch. de Crespigny L; McBain JC: Gronow MJ; et al, (Radiology), 152: 865, 1984
- right-sided varicocele: technique and clinical results of balloon embolotherapy from the femoral approach, Shuman L; White RI Jr; Mitchell SE; Kadir S; Kaufman SL; Chang R, (Radiology), 158: 787, 1986
- role of imaging in infertility management, Mendelson EB; Friedman H; Neiman HL; et al, (AJR), 144: 415, 1985
- role of ultrasound in femal infertility management, Hackeloer B-J, (Radiology), 152: 865, 1984
- scrotal ultrasound in the infertile man: detection of subclinical unilateral and bilateral varicoceles, McClure RD; Hricak H, (Radiology), 160: 858, 1986
- (Nautology), 100, 639, 1390 sonographic assessment of the endometrium in patients undergoing in vitro fertilization, Thickman D; Arger P; Tureck R; et al, (J Ultrasound Med), 5: 197, 1986
- sonographic evaluation of normal and induced ovulation, Ritchie WGM, (Radiology), **161:** 1, 1986
- testicular arterial perfusion in varicocele: the role of rapid sequence scintigraphy with technetium in varicocele evaluation, Comhaire F; Simons M; Kunnen M; et al, (Radiology), 152: 565, 1984
- ultrasonically guided aspiration of human oocytes, Lenz S, (Radiology), 157: 287, 1985 update on ultrasound in clinical management of infertility, Haning RV Jr; Zwiebel WJ, (Semin US CT MR), 6: 337, 1985

- computed tomography of the sternum and its articulations, Hatfield MK; Gross BH; Glazer GM; et al, (Radiology), **154**: 568, 1985
- evaluation of postoperative osteomyelitis of the sternum using tomography and computerized tomography, Rosenthal DI; Johnson RD; Oot RF, (Radiology), 153: 562, 1984
- gallium-67 scanning in the diagnosis of postoperative sternal osteomyelitis, Salit IE; Detsky AS; Simor AE; et al, (Radiology), 153: 283, 1984
- radionuclide and radiographic diagnosis of sternocostoclavicular hyperostosis, Rosenthall L; Burke DL, (Clin Nucl Med),
- sclerotic changes of the manubrium sterni, Jurik AG; Graudal H; de Carvalho A, (Radiology), **157**: 567, 1985
- systemic disorders affecting the thoracic cage, Subbarao K; Jacobson HG, (Radiol Clin North Am), 22: 497, 1984

# Sternum, abnormalities

- isolated asternia: an independent entity, Haque KN, (Radiology), 153: 275, 1984 midline sternal foramen: CT demonstration, Stark P, (JCAT), 9: 489, 1985
- sternocostoclavicular hyperostosis: review and report of 11 cases, Sartoris DJ; Schreiman JS; Kerr R; Resnik CS; Resnick D, (Radiology), 158: 125, 1986

# Sternum, CT

CT of the sternum, Stark P; Jaramillo D, (AJR), 147: 72, 1986

# Sternum, neoplasms

cold sternal image as a sign of metastatic involvement, Carrio I; Estorch M, (Clin Nucl Med), 11: 417, 1986

- computed tomography evaluation of primary and secondary sternal neoplasms, Shin MS; Berland LL; Ho K-J, (CT), 10: 27, 1986
- invasion of the sternum by lymphoma—role of CT, Stark P, (Radiology), 153: 572, 1984
- of C1, stark 1, (kathology), 193, 372, 1964 thallium-201 uptake by the sternum, Intenzo CM; Desai AG; Park CH, (Clin Nucl Med), 11: 214, 1986

# Sternum, radionuclide studies

Intenzo CM; Desai AG; Park CH, (Clin Nucl Med), 11: 214, 1986

#### Sternum, surgery

median sternotomy for resection of pulmonary metastases, Johnston MR, (Radiology), 151: 257, 1984

#### Steroids

- CT demonstration of rapid improvement of retroperitoneal fibrosis in response to steroid therapy, Smith SJ; Bosniak MA; Megibow AJ; et al, (Urol Radiol), 8: 104, 1986
- influence of steroids on the development of soft tissue calcification at th margins of the distal tuberosities (tufts) of the fingers, Fischer E, (Radiology), **156**: 564, 1985
- joint calcification following intraarticular corticosteroid therapy, Gilsanz V; Bernstein BH, (Radiology), 151: 647, 1984 neurosarcoidosis responding to steroids, Reed LD; Abbas S; Markivee CR; et al, (AJR), 146: 819, 1986
- Takayasu's arteritis: decrease in aortic wall thickening following steroid therapy, documented by CT, Hayashi K; Fukushima T; Matsunaga N; et al., (Br J Radiol), 59: 281, 1986

#### Steroids, complications

- case report 352, Shpall EJ; Efremidis AP; Kasambalides E; et al, (Skeletal Radiol), 15:
- insufficiency fractures of the sacrum, Cooper KL; Beabout JW; Swee RG, (Radiology), **156**: 15, 1985
- periarticular calcifications in association with intra-articular corticosteroid injections, Dalinka MK; Stewart V; Bomalaski JS; Halpern M; Kricun ME, (Radiology), **153**:

- See also Gastrointestinal tract
- gastric trichobezoar associated with transient pancreatitis, Shawis RN; Doig CM, (Radiology), 155: 854, 1985
- percutaneous gastrostomy: use of intragastric balloon support, vanSonnenberg E; Cubberley DA; Brown LK; Wittich GR; Lyon JW; Stauffer AE, (Radiology), **152**: 531,
- volume accommodation by distention of gastric fundus (rabbit) and gastric corpus (cat), Schulze-Delrieu K, (Radiology), 151: 545, 1984

#### Stomach, abnormalities

- hypertrophied antral-pyloric fold, Glick SN; Cavanaugh B; Teplick SK, (AJR), 145: 547, 1985
- pediatric case of the day, Day DL; Allan BT, (AJR), 144: 1296, 1985

#### Stomach, anatomy

normal stomach wall and gastric cancer: evaluation with high-resolution operative US, Machi J; Takeda J; Sigel B; Kakegawa T, (Radiology), 159: 85, 1986

#### Stomach, CT

- computed tomographic recognition of gastric varices, Balthazar EJ; Megibow AJ; Naidich DP; et al, (AJR), **142**: 1121, 1984
- computed tomography after gastrectomy in primary gastric carcinoma, Mullin D; Shirkhoda A, (JCAT), 9: 30, 1985
- computed tomography of emphysematous gastritis, de Lange EE; Slutsky VS; Swanson S; et al, (JCAT), **10**: 139, 1986
- gastric cardia metastasis in esophageal carcinoma, Glick SN; Teplick SK; Levine MS; Caroline DF, (Radiology), **160**:
- gastric diverticulum mimicking adrenal mass: CT demonstration, Silverman PM, (JCAT), 10: 709, 1986
- gastric diverticulum simulating an adrenal mass: CT appearance and embryogenesis, Schwartz AN; Goiney RC; Graney DO, (AJR), 146: 553, 1986

#### Stomach, cysts

pediatric case of the day: annual meeting, 1985, Bisset GS; Towbin RB, (Radiographics), 6: 917, 1986

#### Stomach, diseases

- gastric trichobezoar: sonographic findings, McCracken S; Jongeward R; Silver TM; Jafri SZH, (Radiology), 161: 123, 1986
- Jam SZH, (Radiology), 1911 123, 1906 gastric tuberculosis: manifestation of acquired immunodeficiency syndrome, Brody JM; Miller DK; Zemar, RK; Klappenbach RS; Jaffe MH; Clark LR; Benjamin SB; Choyke PL, (Radiology), 159: 347, 1986 Menetrier's disease in childhood associated
- with cytomegalovirus infection: case report and review of the literature, Coad NAG; Shah KJ, (Br J Radiol), 59: 615, 1986
- Snan K.J. (BF J Kadiol), 59: 615, 1960 sonography of the normal and abnormal stomach (excluding hypertrophic pyloric stenosis) in children, Stringer DA; Daneman A; Brunelle F; et al. (J Ultrasound Med), 5: 183, 1986
- upper gastrointestinal and ultrasound examinations of gastric antral involvement in chronic granulomatous disease, Kopen PA; McAlister WH, (Radiology), **153**: 274, 1984

#### Stomach, diverticula

- gastric diverticulum mimicking adrenal mass CT demonstration, Silverman PM, (JCAT), 10: 709, 1986
- ns: 709, 1986
  gastric diverticulum simulating an adrenal
  mass: CT appearance and embryogenesis,
  Schwartz AN; Goiney RC; Graney DO,
  (AJR), 146: 553, 1986
  intramural gastric diverticula: a report of three
  cases, Cockrell CH; Cho S-R;
  Messmer JM; et al, (Radiology), 153: 846,

- Stomach, hemorrhage gastric bleeding: therapy with intraarterial vasopressin and transcatheter embolization, Eckstein MR; Kelemouridis V; Athanasoulis CA; Waltman AC; Feldman L; van Breda A, (Radiology), 152: 643, 1984
  - gelfoam powder embolization of the left gastric artery in treatment of massive small-vessel gastric bleeding, Rosch J; Keller FS; Kozak B; Niles N; Dotter CT, (Radiology), 151: 365, 1984

# Stomach, infection

invasive gastric candidiasis, Pugh TF; Fitch SJ, (Pediatr Radiol), 16: 67, 1986

# Stomach, inflammation

#### See Gastritis Stomach, injuries

post-traumatic gastric stenosis due to perigastric adhesions, Schwartz GE; Sclafani SJA, (Radiology), **154**: 14, 1985

# Stomach, motility

gastric emptying in patients with diabetes mellitus, Loo FD; Palmer DW; Soergel KH; et al, (Radiology), **154**: 270, 1985

#### Stomach, mucosa

- effect of barium suspension viscosity on the delineation of areae gastricae, Rubesin SE; Herlinger H, (AJR), 146: 35, 1986
- radiologic findings of linear gastric erosions, Momoshima S; Imai Y; Sugino Y; et al, (AJR), 147: 701, 1986
- 144: 701, 1590 recurrent retching with gastric mucosal prolapse: a proposed prolapse gastropathy syndrome, Shepherd HA; Harvey J; Jackson A; et al, (Radiology), 153: 267, 1984

#### Stomach, neoplasms

- adenocarcinoma of the esophagus: relationship to Barrett mucosa, Levine MS; Caroline DF; Thompson JJ; Kressel HY; Laufer I; Herlinger H, (Radiology), **150**: 305, 1984
- appearance of the intact lymphomatous
- appearance of the fluct rypintonatous stomach following radiotherapy and chemotherapy. Libshitz HI; Lindell MM; Maor MH; et al. (Radiology), 156: 855, 1985 Burkitt's lymphoma of the stomach, Regenbogen VS; Ghahremani GG; Zabrowski RJ; et al. (Radiology), 156: 281, 1985 1985
- review of literature, Rotondo A; Grassi R; Smaltino F; et al, (Br J Radiol), 59: 405, 1986
- carcinoma of the stomach in a 7-year-old-boy, Goto S; Ikeda K; Ishii E; et al, (Radiology), 155: 855, 1985
- comparative features of esophageal and gastric adenocarcinomas: recent changes in type and frequency, Wang HH; Antonioli DA; Goldman H, (Radiology), 161: 858, 1986

computed tomography after gastrectomy in primary gastric carcinoma, Mullin D; Shirkhoda A, (JCAT), 9: 30, 1985

dysphagia in patients with gastric cancer and a normal esophagram, Halpert RD; Spickler EM; Feczko PJ, (Radiology), **154**: 589, 1985

early gastric cancer. clinicopathologic study, O'Brien MJ; Burakoff R; Robbins EA; et al, (Radiology), **156**: 855, 1985

early gastric cancer: radiographic experience, Gold RP; Green PHR; O'Toole KM; Seaman WB, (Radiology), **152**: 283, 1984

early gastric cancer: recent experience, White RM; Levine MS; Enterline HT; Laufer I, (Radiology), 155: 25, 1985

eighty months persistence of poorly differentiated early gastric cancer, Eckardt VF; Willems D; Kanzler G; et al, (Radiology), **156**: 562, 1985

esophagogastric polyps: radiographic and endoscopic findings, Styles RA; Gibb SP; Tarshis A; Silverman ML; Scholz FJ, (Radiology), **154**: 307, 1985

exogastric leiomyoblastoma: rare gastric neoplasm mimicking left hepatic mass on computed tomography, Stanley JH; Ravenel D; Parker TH; et al. (CT), 10: 187,

focal foveolar hyperplasia presenting as an antral-pyloric mass in a young infant, Katz ME; Blocker SH; McAlister WH, (Radiology), **156**: 274, 1985

fundic gland polyposis in patients without familial adenomatosis coli: its incidence and clinical features, lida M; Yao T; Watanabe H; et al, (Radiology), 156: 562,

gastric adenocarcinoma complicating Gardner's syndrome in a North American woman, Coffey RJ Jr; Knight CD Jr; VanHeerden JA; et al, (Radiology), 158: 568,

gastric cardia metastasis in esophageal carcinoma, Glick SN; Teplick SK; Levine MS; Caroline DF, (Radiology), **160**:

gastric emphysema demonstrated by computed tomography, Martin DF; Hartley G, (Br J Radiol), 59: 505, 1986

gastric involvement by omental cakes: radiographic findings, Rubesin SE; Levine MS; Glick SN, (Gastrointest Radiol), 11: 223, 1986

gastric leiomyosarcoma: CT observations, Scatarige JC; Fishman EK; Jones B; et al, (JCAT), 9: 320, 1985

gastric lymphomas. clinical features, treatment, and prognosis, Thorling K, (Radiology), 155: 559, 1985

gastric manifestations of North American Burkitt's lymphoma, Krudy AG; Long JL; Magrath IT; et al, (Radiology), **152:** 840, 1984

gastric polyps: radiological evaluation and clinical significance, Feczko PJ; Halpert RD; Ackerman LV, (Radiology), 155: 581, 1985

gastroduodenal intussusception secondary to prolapsing gastric tumors, Kleinhaus U; Weich YL; Maoz S, (Gastrointest Radiol), 11:

general case of the day: annual meeting, 1985, Muhm JR, (Radiographics), 6: 914, 1986

malignant gastric sarcoma—diagnosis by ultrasound and endoscopy, Schneider K; Dickerhoff R; Bertele RM, (Pediatr Radiol),

natural history of fundic gland polyposis in patients with familial adenomatosis coli/Gardner's syndrome, lida M; Yao T; Itoh H; et al, (Radiology), **160**: 573, 1986

normal stomach wall and gastric cancer: evaluation with high-resolution operative US, Machi J; Ta' ada J; Sigel B; Kakegawa T, (Radiology), **159**: 85, 1986

percutaneous gastrostomy: applications in gastric carcinoma and gastroplasty stoma dilatation, Wills JS, (AJR), 147: 826, 1986

primary B-cell gastric lymphoma, Isaacson PG; Spenser J; Finn T, (Radiology), 161: 858, 1986

radiographic appearance of the esophagus and stomach after laser treatment of obstructing carcinoma, Wolf EL; Frager J; Brandt LJ; et al, (AJR), 146: 519, 1986

radiologic manifestations of early gastric lymphoma, Sato T; Sakai Y; Ishiguro S; et al, (AJR), **146**: 513, 1986

sonographic examination of the mediastinum and upper abdomen by fiberoptic gastroscope, Rifkin MD: Gordon SJ; Goldberg BB, (Radiology), 151: 175, 1984

Stomach, polyps See Stomach, neoplasms

Stomach, radiography

chronic resive gastritis—clinical and radiological features, McLean AM; Paul RE Jr; Philipps E; et al, (Radiology), 150: 854, 1984

gastric cardia metastasis in esophageal carcinoma, Glick SN; Teplick SK; Levine MS; Caroline DF, (Radiology), **160**: 627, 1986

radiology of the stomach, Marshak RH; Lindner AE; Maklansky D, Reviewed by Evers KA, (Radiology), 151: 34, 1984

Stomach, radionuclide studies

tomach, radionuclide studies, abnormal rates of gastric emptying, Lin DS, (Semin Nucl Med), 15: 70, 1985 detection of gastritis by <sup>99m</sup>Tc-labeled red-blood-cell scintigraphy, Wilton GP; Wahl RL; Juni JE; et al, (AJR), 143: 759, 1984 failure to demonstrate altered gastric emptying in irritable bowel syndrome, Acharya U; Waite N; Howlett P; et al, (Radiology), 152: 270, 1984

gastric gallium-67 uptake in gastritis, Yeh E-L; Tisdale PL; Zielonka JS, (Radiology), **153**: 282, 1984

gastric ulcer localization by direct in vivo labeling of sucralfate: work in progress, Pera A; Seevers RH; Meyer K; Hall C; Bekerman C; Anderson TM; Katzen H; Laakso L; Pinsky SM, (Radiology), 156: 783,

gastric ulcer localization by direct in vivo labeling of sucralfate, Tietze P; Gratz KF; Hundeshagen H, (Radiology), **161**: 569, 1986

gastric ulcer localization by direct in vivo labeling of sucralfate: reply, Seevers RH, (Radiology), 161: 569, 1986

patient motion artifacts on scintigraphic gastric emptying studies, Glowniak JV; Wahl RL, (Radiology), **154**: 537, 1985

relationship between technetium 99m pertechnetate gastric scanning and gastric content, O'Connon! MK; O'Connell R; Keane FB; et al, (Radiology), 152: 565, 1984

resolution of massive technetium-99m methylene diphosphonate uptake in the stomach in vitamin D intoxication, Corstens F; Kerremans A; Claessens R, (J Nucl Med), 27: 219, 1986

Nucl Med), 27: 219, 1986
single isotope method of post-prandial
duodenogastric reflux assessment using
\*\*Tc\*\*-labelled IDA in patients with
gallstones, Eyre-Brook IA; Holroyd AM;
Johnson AG, (Radiology), 151: 277, 1984
technetium-99m labelled bran: a new agent for
measuring gastric emptying, Sagar S;
Grime JS; Little W; et al, (Radiology), 150:
2021-2034

302, 1984

Stomach, reflux

abnormalities of interdigestive motility complex and increased duodenogastric reflux in gastric ulcer patients, Miranda M; Defilippi CD; Valenzuela JE, (Radiology), 156: 265, 1985

effects of aspirin and prostaglandin E<sub>2</sub> on interdigestive motility complex and duodenogastric reflux in man, Dooley CP; Mello WD; Valenzuela JE, (Radiology), **158**:

single isotope method of post-prandial duodenogastric reflux assessment using 99Tcm-labelled IDA in patients with gallstones, Eyre-Brook IA; Holroyd AM; Johnson AG, (Radiology), **151**: 277, 1984

ultrasound diagnosis of gastro-oesophageal reflux, Naik DR; Moore DJ, (Radiology), 154: 275, 1985

Stomach, stenosis

bolus obstruction by Ascaris lumbricoides, Wynne JM; Ellman BAH, (Radiology), 150: 288, 1984

echographie de la stenose du pylore, Grignon A; Filiatrault D; Patriquin H; et al, (Radiology), **155**: 551, 1985

gastric outlet obstruction secondary to antral mucosal diaphragm, Pederson WC; Sirinek KR; Schwesinger WH; et al, (Radiology), 152: 840, 1984

Stomach, surgery

Angelchik anti-reflux device: radiographic appearance of complications, Curtis DJ; Benjamin SB; Kerr R; Castell DO, (Radiology), 151: 311, 1984

(maniougy), 191: 311, 1994 combined Collis gastroplasty-Nissen fundoplication: surgical procedure and radiographic evaluation, Agha FP; Trenkner SW; Orringer MB; et al, (AJR), 145: 729, 1985

computed tomography after gastrectomy in primary gastric carcinoma, Mullin D; Shirkhoda A, (JCAT), 9: 30, 1985

gastric emptying before and after transverse gastroplasty for morbid obesity, Vezina WC; Grace DM; Chamberlain MJ; et al, (Clin Nucl Med), 11: 308, 1986

gastric restrictive surgery for obesity: early radiologic evaluation, Smith C; Gardiner R; Kubicka RA; Dieschbourg JJ, (Radiology), 153: 321, 1984

Mason's vertical banded gastroplasty for morbid obesity. surgical procedure and radiographic evaluation, Agha FP; Eckhauser FE; Strodel WE; Fanders BL; Knol JA, (Radiology), 150: 825, 1984

morbid obesity treated by gastroplasty: radionuclide gastric emptying studies, Drane WE, (Radiology), 159: 816, 1986 morbid obesity treated by gastroplasty: radionuclide gastric emptying studies: reply, Arnstein NB; Shapiro B, (Radiology), 159:

radiographic findings after incomplete pyloromyotomy, Jamroz GA; Blocker SH; McAlister WH, (Gastrointest Radiol), 11:

radiologically guided dilatation of stenotic gastroduodenal anastomosis, Hegedus V; Raaschou HO, (Gastrointest Radiol), 11: 27,

radiologic findings after fundoplication compared with a pH reflux test and symptoms, Fransson SG; Sokjer H; Johansson K-E; et al, (Acta Radiol [Diagn]), 27: 33, 1986

radiology of gastric reduction surgery for obesity, Cope JR; Moseley HS; Haynie CC; et al, (Radiology), 150: 287, 1984

radiology of gastric restrictive surgery, Smith C; Gardiner R; Kubicka RA; Dieschbourg JJ, (Radiographics), 5: 193, 1985

Dieschoburg J, (Radiographics), 5: 193, 19 radionuclide gastric emptying studies in morbid obesity treated with gastroplasty, Arnstein NB; Shapiro B: Eckhauser FE; Dmuchowski CF; Knol JA; Strodel WE; Nakajo M; Swanson DP, (Radiology), 156: 501, 1985

Stomach, ulcer See Peptic ulcer

Stomach, US studies

echographie de la stenose du pylore, Grignon A; Filiatrault D; Patriquin H; et al, (Radiology), **155**: 551, 1985

gastric trichobezoar: sonographic findings, McCracken S; Jongeward R; Silver TM; Jafri SZH, (Radiology), **161**: 123, 1986

measurement of gastric emptying time by real-time ultrasonography, Bolondi L; Bortolotti M; Santi V; et al, (Radiology), **160**: 573, 1986

normal stomach wall and gastric cancer: evaluation with high-resolution operative US, Machi J; Takeda J; Sigel B; Kakegawa T, (Radiology), 159: 85, 1986

sonography of the normal and abnormal stomach (excluding hypertrophic pyloric stenosis) in children. Stringer DA; Daneman A; Brunelle F; et al, (J Ultrasound Med), 5: 183, 1986

ultrasonography of gastric phytobezoar, Bidula MM; Rifkin MD; McCoy RI, (JCU), 14: 49, 1986

Stomach, varices

computed tomographic recognition of gastric varices, Balthazar EJ; Megibow AJ; Naidich DP; et al, (AJR), 142: 1121, 1984

transrenal-vein reflux ethanol sclerosis of gastroesophageal varices, Olson E; Yune HY; Klatte EC, (AJR), 143: 627, 1984

variceal bleeding and computed tomography, Butler HE; Alfidi RJ, (Radiology), **150**: 866, 1984

Stomach, volvulus

differential retrocardiac air-fluid level: sign of intrathoracic gastric volvulus, Scott RL; Felker R; Winer-Muram HT; et al, (J Canad Assoc Radiol), 37: 119, 1986

#### Streptokinase

- arterial and venous embolization: declotting of dialysis shunts by direct injection of streptokinase, Zeit RM, (Radiology), 159:
- catheter-directed low dose streptokinase infusion: a preliminary experience, Risius B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW, (Radiology), 150:
- contrast extravasation through a gore-tex graft: a sequela of low-dose streptokinase therapy, Rosner NH; Doris PE, (AJR), 143: 633, 1984
- effects of intracoronary thrombolysis on global left ventricular function assessed by an automated edge detection technique, van der Wall EE, Res [C]; van Eenige MJ; et al, (J Nucl Med), 27: 478, 1986
- efficacy of low-dose streptokinase in acute arterial occlusion and graft thrombosis, Kakkasseril JS: Cranley JJ: Arbaugh JJ; et al, (Radiology), 158: 282, 1986
- failed hemodialysis shunts: one year of experience with aggressive treatment, Zeit RM; Cope C, (Radiology), 154: 353, 1985
- fibrinolysis in chronic arteriosclerotic occlusions: intrathrombotic injections of streptokinase. work in progress, Lammer J; Pilger E; Justich E; Neumayer K; Schreyer H, (Radiology), **157**: **45**, 1985
- fibrinolytic therapy, Klatte EC; Becker GJ; Holden RE; Yune HY, (Radiology), **159**: 619,
- iliac artery occlusion: management with intrathrombus streptokinase infusion and angioplasty, Auster M; Kadir S; Mitchell SE; Williams GM; Perler BA; Chang R; White RI Jr, (Radiology), 153: 385, 1984
- incomplete lysis of thrombus in the moderate underlying atherosclerotic lesion during intracoronary infusion of streptokinase for acute myocardial infarction: quantitative angiographic observations, Brown BG; Callery CA; Badger RS; et al, (Radiology), 160: 859, 1986
- intraarterial fibrinolysis: in vitro and prospective clinical evaluation of three thrombolytic agents, Pilger E; Lammer J; Bertuch H; Steiner H, (Radiology), 161: 597,
- intraarterial fibrinolysis: long-term results, Lammer J; Pilger E; Neumayer K; Schreyer H, (Radiology), **161**: 159, 1986
- intracoronary administration of streptokinase in a canine model: disturbances in thromboxane A<sub>2</sub>-prostacyclin balance, Becker GJ; Kreipke DL; Holden RW; et al, (Invest Radiol), 21: 206, 1986
- local infusion of low-dose streptokinase for renal artery thromboembolism, Gagnon RF; Horosko F; Herba MJ, (Radiology), 156: 271,
- low-dose fibrinolytic therapy in hand ischemia, Tisnado J; Bartol DT; Cho S-R; Vines FS; Beachley MC; Fields WR, (Radiology), **150**: 375, 1984
- low-dose streptokinase for selective thrombolysis: systemic effects and complications, Graor RA; Risius B; Young JR; Geisinger MA; Zelch MG; Smith JAM; Ruschhaupt WF, (Radiology), **152**: 35, 1984
- low-dose streptokinase in the treatment of celiac and superior mesenteric artery occlusion, Pillari G; Doscher W; Fierstein J; et al, (Radiology), **152**: 552, 1984
- low dose thrombolysis: a nonoperative approach to renal artery occlusion, Cronan JJ; Dorfman GS, (Radiology), 152:
- lysis of arterial clot by intravenous or intra-arterial administration of streptokinase, Dardik H; Sussman BC; Kahn M; et al, (Radiology), 153: 272, 1984
- modified technique for infusion of low-dose streptokinase into the lower extremities, Pilla TJ; Tantana S; Peterson GJ, (AJR), 142:
- selective low-dose streptokinase infusion in the treatment of acute transplant renal vein thrombosis, Robinson JM; Cockrell CH; Tisnado J; et al, (Cardiovasc Intervent Radiol), 9: 86, 1986

- streptokinase clot lysis in acute occlusions of the cranial circulation: study in rabbits, Centeno RS; Hackney DB; Rothrock JR, (AJNR), 6: 589, 1985
- streptokinase therapy: complications of intra-arterial use, Lang EK, (Radiology), 154: 75, 1985
- systemic fibrinolytic effect of low-dose intraarterial streptokinase: observations in 12 patients. work in progress, Rubenfire M; Blevins RD; Cascade PN; Maltzman JB; Goldberg MJ, (Radiology), 152: 41, 1984
- thrombosed synthetic hemodialysis access fistulas: failure of fibrinolytic therapy, Young AT; Hunter DW; Castaneda-Zuniga WR; So SKS; Mercado S; Cardella JF; Amplatz K, (Radiology), 154: 639, 1985
- treatment of grafts and major vessel thrombosis with low-dose streptokinase in children, LeBlanc JG; Culham JAG; Chan K-W; et al, (Radiology), **161**: 864, 1986
- treatment of renal artery embolism, Nicholas GC; DeMuth WE Jr, (Radiology), 153: 565, 1984

#### Subarachnoid space

- documentation of a new contrast medium for the subarachnoid space: demands, design and results from the first multicentre trial with iohexol, Gronnerod TA; Eldevik OP; Hindmarsh T; et al, (Radiology), 152: 856, 1044
- penetration of subarachnoid contrast medium into rabbit spinal cord: comparison between metrizamide and iohexol, Holtas S; Morris TW; Ekholm SE; et al, (Invest Radiol), 21: 151, 1986

#### Subarachnoid space, CT

- interpeduncular fossa sign: CT criterion of subarachnoid hemorrhage, Yeakley JW; Patchall LL; Lee KF, (Radiology), **158**: 699,
- relation of cerebral vasospasm to the extent and location of subarachnoid blood visualized by CT scan: a prospective study, Kistler JP; Crowell RM; Davis KR; et al, (Radiology), **150**: 291, 1984

### Subarachnoid space, hemorrhage

- acute obstructive hydrocephalus after subarachnoid hemorrhage, Kohi YM; Johnston RA; Devkota UP, (Radiology), **154**: 277, 1985
- correlation between angiographic vasospasm, hematoma, and ischemic brain damage following SAH, Graham DI; Macpherson P; Pitts LH, (Radiology), 151: 550, 1984
- does moyamoya disease cause subarachnoid hemorrhage? review of 54 cases with intracranial hemorrhage confirmed by computerized tomography. Aoki N; Mizutani H, (Radiology), 153: 569, 1984
- interpeduncular fossa sign: CT criterion of subarachnoid hemorrhage, Yeakley JW; Patchall LL; Lee KF, (Radiology), 158: 699,
- MR identification of bleeding site in subarachnoid hemorrhage with multiple intracranial aneurysms, Hackney DB; Lesnick JE; Zimmerman RA; et al, (JCAT), 10: 878, 1986
- relation of cerebral vasospasm to the extent and location of subarachnoid blood visualized by CT scan: a prospective study, Kistler JP; Crowell RM; Davis KR; et al, (Radiology), **150**: 291, 1984
- subarachnoid hemorrhage precipitated by cocaine snorting, Lichtenfeld PJ; Rubin DB; Feldman RS, (Radiology), **153**: 569, 1984
- surgical treatment of tentorial arteriovenous malformations draining into the subarachnoid space, report of four cases, Grisoli F; Vencentelli F; Fuchs S; et al, (Radiology), **154**: 279, 1985

# Subclavian steal syndrome

- delayed reversal of vertebral artery blood flow following percutaneous transiuminal angioplasty for subclavian steal syndrome, Ringelstein EB; Zeumer H, (Radiology), 155:
- percutaneous transluminal angioplasty for treatment of subclavian steal, Motarjeme A; Keifer JW; Zuska AJ; Nabawi P, (Radiology), 155: 611, 1985
- subclavian aneurysm producing the subclavian steal syndrome, Otto R; Tan WS; Spigos DG, (Cardiovasc Intervent Radiol), 9: 90, 1986

#### Subtraction

- computer-processed subtraction arthrography, Bassett LW; Loftus AA; Mankovich NJ, (Radiology), 157: 821, 1985
- digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy, Archer CW; Turnipseed WD; Sackett JF; et al., (Radiology), 150: 292, 1984
- digital subtraction angiography of the thoracic aorta, Grossman LB, Buonocore E; Modic MT; Meaney TF, (Radiology), 150:
- dynamic variable background subtraction: simple means of displaying radiolabeled monoclonal antibody scintigrams, Wahl RL; Tuscan MC; Botti JM, (J Nuci Med), 22: 545,
- intravenous DSA examination of patients with suspected cerebral ischemia, Foley WD; Smith DF; Milde MW; Lawson TL; Towne JB; Bandyk DF, (Radiology), 151: 651,
- location of parathyroid adenomas by thallium-201 and technetium-99m subtraction scanning. Young AE; Gaunt JI; Croft DN; et al., (Radiology), **150**: 302, 1984
- percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up. Schwarten DE, (Radiology), 150: 363, 1984
- percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, (Radiology), 150: 369, 1984
- self-masking subtraction tomosynthesis, Chakraborty DP; Yester MV; Barnes GT; Lakshminarayanan AV, (Radiology), **150**:
- subtraction technique in conventional angiography, Schatz SL; Ryvicker MJ; Deutsch AM; Cohen HR, (Radiology), **151**: 531, 1984

#### Subtraction, dual-energy

- with dual-energy calcification in pulmonary nodules: detection with dual-energy digital radiography, Fraser RG; Hickey NM; Niklason LT; Sabbagh EA; Luna RF; Alexander CB; Robinson CA; Katzenstein A-LA; Barnes GT, (Radiology), 160: 595, 1986
- (dual-energy projection radiography using condenser x-ray generator and digital radiography apparatus, Nishitani H; Umezu Y; Ogawa K; Yuzuriha H; Tanaka H; Matsuura K, (Radiology), 161: 533, 1986
- one-shot dual-energy subtraction imaging, Ishigaki T; Sakuma S; Horikawa Y; Ikeda M; Yamaguchi H, (Radiology), **161**: 271, 1986

# Sudden infant death syndrome (SIDS)

apnea and sudden unexpected death in infants with achondroplasia, Pauli RM; Scott CI; Wassman ER Jr; et al, (Radiology), 153: 849,

# Surgery, complications

- arterial complications of total knee replacement, McAuley CE; Steed DL; Webster MW, (Radiology), 155: 274, 1985
- CT appearance of a surgically retained towel (gossypiboma), Sheward SE; Williams AG Jr; Mettler FA Jr; et al, (JCAT), 10: 343, 1986
- lymphoceles: imaging characteristics and vanSonnenberg E; Wittich GR; Casola G; Wing VW; Halasz NA; Lee AS; Withers C, (Radiology), 161: 593, 1986
- pediatric liver transplantation. part II.
  diagnostic imaging in postoperative
  management, Dominguez R; Young LW;
  Ledesma-Medina J; Cienfuegos J;
  Gartner JC; Bron KM; Starzl TE, (Radiology),
  157: 339, 1985
- ostappendectomy fluid collections in children: incidence, nature, and evolution evaluated using US, Baker DE; Silver TM; Coran AG; McMillin KI, (Radiology), 161: 341, 1986

## Swallowing

# See Pharynx

#### Synovial fluid

knee arthrography: effects of various contrast media and epinephrine on synovial fluid, Corbetti F; Malatesta V; Camposampiero A; Mazzi A; Punzi L; Angelini F; Vigo M; Todesco S, (Radiology), 161: 195, 1986

Synovial membrane

magnetic resonance imaging of lesions of synovial origin, Sundaram M; McGuire MH; etcher J; et al, (Skeletal Radiol), 15: 110,

suprapatellar plica synovialis: a common arthrographic finding, SanDretto MA; Wartinbee DR; Carrera GF; et al, (Radiology), **150**: 856, 1984

Synovial membrane, cysts

gas in a lumbar extradural juxtaarticular cyst: sign of synovial origin, Schulz EE; West WL; Hinshaw DB; et al, (AJR), 143: 875, 1984

giant synovial cysts, Fedullo LM; Bonakdarpour A; Moyer RA; et al, (Radiology), 154: 849, 1985

magnetic resonance imaging of lesions of synovial origin, Sundaram M; McGuire MH; Fletcher J; et al, (Skeletal Radiol), 15: 110,

radiologic recognition of symptomatic spinal synovial cysts, Casselman ES, (AJNR), 6: 971, 1985

synovial cysts of the knee: CT evaluation, Schwimmer M; Edelstein G; Heiken JP; Gilula LA, (Radiology), **154**: 175, 1985

Synovial membrane, neoplasms

pigmented villonodular synovitis (giant-cell tumor of the tendon sheath and synovial membrane): a review of eighty-one cases, Rao AS; Vigorita VJ, (Radiology), 152: 843,

case report 348, Present DA; Bertoni F; Enneking WF, (Skeletal Radiol), 15: 236,

characterization of "transient synovitis of the hip" in children, Haueisen DC; Weiner DS; Weiner SD, (Radiology), 159: 824, 1986

hip joint fluid in the presence of the vacuum phenomenon, Middleton WD; McAlister WH, (Pediatr Radiol), 16: 171,

lead arthropathy: arthritis caused by retained intra-articular bullets, Sclafani SJA; Vuletin JC; Twersky J, (Radiology), **156**: 299,

pigmented villonodular synovitis (giant-cell tumor of the tendon sheath and synovial membrane): a review of eighty-one cases, Rao AS; Vigorita VJ, (Radiology), 152: 843,

pigmented villonodular synovitis of synovial joints: clinical, pathologic, and radiologic features, Dorwart RH; Genant HK; Johnston WH; et al, (AJR), 143: 877, 1984

pigmented villonodular synovitis of the shoulder: radiologic-pathologic assessment, Dorwart RH; Genant HK; Johnston WH; et al. (AJR), 143: 886, 1984

thorn synovitis: CT diagnosis, Klein B; McGahan JP, (JCAT), 9: 1135, 1985 wildity of radiographic assessment of childhood transient synovitis of the hip, Rosenborg M; Mortensson W, (Acta Radiol [Diagn]), 27: 85, 1986

Syphilis

meningovascular syphilis: CT and MR findings, Holland BA; Perrett LV; Mills CM, (Radiology), 158: 439, 1986

Syringomyelia

delayed metrizamide CT enhancement of syringomyelia: postoperative observations Kan S; Fox AJ; Vinuela FV, (AJNR), 6: 613, 1985

diagnosis of syringomyelia, Smith SJ; Greenberg M; Vogelzang RL; et al, (Radiology), **156:** 567, 1985

differentiation of tumor from interentiation of tumor from syringohydromyelia: intraoperative neurosonography of the spinal cord, Hutchins WW; Vogelzang RL; Neiman HL; Fuld IL; Kowal LE, (Radiology), 151: 171, 1984

MR imaging of syringomyelia and hydromyelia, Lee BCP; Zimmerman RD; Manning JJ; et al, (AJNR), 6: 221, 1985

Manning JJ; et al. (AJNR), 6: 221, 1985 posttraumatic progressive myelopathy. clinical and radiologic correlation employing MR imaging, delayed CT metrizamide myelography, and intraoperative sonography, Gebarski SS; Maynard FW; Gabrielsen TO; Knake JE; Latack JT; Hoff JT, (Radiology), 157: 379, 1985 syringomyelia and hydromyelia: magnetic resonance evaluation, Pojunas K;

resonance evaluation, Pojunas K; Williams AL; Daniels DL; Haughton VM, (Radiology), **153**: 679, 1984

syringomyelia associated with intradural extramedullary masses of the spinal canal, Quencer RM; El Gammal T; Cohen G, (AJNR), 7: 143, 1986

T

Tachycardia

See Heart, rhythm Takayasu arteritis

akayasu arteritis
aortic pseudoaneurysm complicating Takayasu
disease: CT appearance, Peterson IM;
Guthaner DF, (JCAT), 10: 676, 1986
initial pulmonary artery involvement in
Takayasu arteritis, Hayashi K; Nagasaki M;
Matsunaga N; Hombo Z-i; Inamura T,
(Radiology), 159: 401, 1986
intimal fibromuscular dysplasia and Takayasu
arteritis: delayed response to percutaneous
transluminal renal angioplasty, Srur MF;
Sos TA; Saddekni S; Cohn DJ; Rozenblit G;
Wetter EB, (Radiology), 157: 657, 1985
pulseless disease associated with multiple

pulseless disease associated with multiple intracranial aneurysms, Masuzawa T; Kurokawa T; Oguro K; et al, (Neuroradiol), 28: 17, 1986

Takayasu arteritis: radiographic and angiographic findings in 59 patients, Yamato M; Lecky JW; Hiramatsu K; Kohda E, (Radiology). 161: 229, 1986

(Radiology), 161: 329, 1986
Takayasu's arteritis: decrease in aortic wall
thickening following steroid therapy,
documented by CT, Hayashi K;
Fukushima T; Matsunaga N; et al., (Br J
Radiol), 59: 281, 1986

Takayasu's disease: report of 3 cases, Du Toit DF; Warren B; McCormich M; et al, (Radiology), 158: 574, 1986 use of DSA for diagnosis of Takayasu's arteritis, Sider L, Mintzer RA; Vrla RF; et al, (Radiology), 156: 264, 1985

vascular imaging with MRI: inadequacy in Takayasu's arteritis compared with angiography, Miller DL; Reinig JW; Volkman DJ, (AJR), 146: 949, 1986

talc: understanding its manifestations in the chest, Feigin DS, (AJR), 146: 295, 1986

Tantalum

surgical ligation clip artifacts on CT scans, Gross SC; Kowalski JB; Lee S-HH; Terry B; Honickman SJ, (Radiology), **156**: 831, 1985

clinical radiographs of the cadaver as a teaching aid in anatomy, Pantoja E; Nagy F; Zambernard J, (Radiology), 155: 28, 1985

Technetium, radioactive

acid-citrate-dextrose compared with heparin in the preparation of in vitro/in vivo technetium-99m red blood cells, Porter WC; Dees SM; Freitas JE; et al, (Radiology), 151: 836, 1984

836, 1984
airflow measurement inaccuracies in aerosol
imaging, Sirr SA; Miltz-Miller S;
Notman DNH; Boyle MJ; Boudreau RJ;
Loken MK, (Radiology), 159: 268, 1986
arterial perfusion with Tc-99m
macroaggregated albumin (MAAAP) in
monitoring intra-arterial chemotherapy of
sarcomas, Kantarjian HM; Bledin AG;
Kim EE; et al., (Radiology), 151: 563, 1984
evaluation in does and humans of three

evaluation in dogs and humans of three potential technetium-99m myocardial perfusion agents, Gerundini P; Savi A; Gilardi MC; et al. (J Nucl Med), 27: 409, 1986

evaluation of peritoneovenous shunt patency with Tc-99m labeled microspheres, Madeddu G; D'Ovidio NG; Casu AR; et al, (Radiology), 151: 561, 1984

(Radiology), 151: 501, 1904 intraperitioneal hemorrhage diagnosed by technetium-99m labeled RBC imaging, Czarnecki DJ, (Clin Nucl Med), 11: 617, 1986 pitfalls of gastrointestinal bleeding studies with 99mTc sulfur-colloid, Lecklitner ML, (Semin Nucl Med), 16: 155, 1986

quality control of technetium-99m DTPA correlation of analytic tests with in vivo protein binding in man, Russell CD; Rowell K; Scott JW, (J Nucl Med), 27: 560, radionuclide-labeled red blood cells: current status and future prospects, Srivastava SC; Chervu LR, (Semin Nucl Med), 14: 68, 1984

SPECT quantification of technetium-99m microspheres within the canine lung, Osborne DR; Jaszczak RJ; Greer K; et al, (JCAT), 9: 73, 1985

synthesis and biological evaluation of technetium-99m MAG, as a hippuran replacement, Fritzberg AR; Kasina S; Eshima D; et al, (J Nucl Med), 27: 111, 1986

Consume D; et al. (1) Nucl Med), 27: 111, 1996 Tc-99m-galactosyl-neoglycoalbumin: in vivo characterization of receptor-mediated binding to hepatocytes, Vera DR; Krohn KA; Stadalnik RC; Scheibe PO, (Radiology), 151: 191, 1984

technetium-99m-labeled lymphocytes: radiotoxicity study, Merz T; Tatum J Hirsch J, (J Nucl Med), 27: 105, 1986

technetium-99m-labeled phosphonic acid analog of serine: bone uptake, Surh Y; Spencer RP; Spitznagle LA; et al, (J Nucl Med), 27: 847, 1986

mea), 27: 847, 1986
technetium-99m-labeled red blood cell
imaging, Front D; Israel O; Groshar D; et al,
(Semin Nucl Med), 14: 226, 1984
technetium-99m labeling of murine
monoclonal antibody fragments, Rhodes BA;
Zamora PO; Newell KD; et al, (J Nucl Med),
27: 685, 1986

dicarboxypropane diphosphonate: clinical comparison in various pathologic conditions, Godart G; Durez M; Bevilacqua M; et al, (Clin Nucl Med), 11: 92,

technetium-99m 'pseudogas' for diagnostic studies in the lung, Burch WM; Tetley IJ; Gras JL, (Radiology), **154**: 570, 1985

technique of leukocyte harvesting and labeling: problems and perspectives, McAfee JG; Subramanian G; Gagne G, (Semin Nucl Med), 14: 83, 1984

(yenth Nucl Med.), 12: 63, 1994 uptake of hexakis(t-butylisonitrile) technetium (I) and hexakis(isopropylisonitrile) technetium (I) by neonatal rat myocytes and human erythrocytes, Sands H; Delano ML; Gallagher BM, (J Nucl Med), 27: 404, 1986

isualization of the left hepatic lobe during radioisotopic venography/lung imaging with technetium-99m MAA, Bartold K; Fancher M; Abghari R, (Clin Nucl Med), 11: 259, 1986

Technetium-MDP

extraosseous uptake of technetium-99m MDP in secondary deposits of neuroblastoma, Mandell GA; Heyman S, (Clin Nucl Med), 11: 337, 1986

Tc-99m hydroxymethylene diphosphonate and Tc-99m methylene diphosphonate: biological and clinical comparison: concise communication, Littlefield JL; Rudd TG, (Radiology), 152: 270, 1984

technetium-99m MDP demonstration of neoplastic lesions involving bone and adjacent soft tissues, Mathews J; Slavin JD Jr; Spencer RP, (Clin Nucl Med), 11: 98, 1986

dicarboxypropane diphosphonate: clinical comparison in various pathologic conditions, Godart G; Durez M; Bevilacqua M; et al, (Clin Nucl Med), 11: 92, 1986

Technologists

radiology department management system: technologists' costs, McNeil BJ; Sapienza A; Van Gerpen J; Sheriff CR; Gillis AE; Sack DJ; Komaroff AL, (Radiology), 156: 57, 1985

radiology department management system: technologists' costs, Janower ML, (Radiology), **159**: 566, 1986

radiology department management system: technologists' costs: reply, McNeil BJ, (Radiology), 159: 566, 1986

Teeth

backscattering from dental restorations and splint materials during therapeutic radiation, Farman AG; Sharma S; George DI; Wilson D; Dodd D; Figa R; Haskell B, (Radiology), 156: 523, 1985

calcifying epithelial odontogenic tumor (Pindborg tumor): an unusual case, Baunsgaard P; Lontoft E; Sorensen M, (Radiology), 151: 269, 1984

intracranial supernumerary tooth. case report, Sjoberg S; Lorinc P, (Radiology), **156**: 280, 1985

Telangiectasia

CNS manifestations of hereditary hemorrhagic telangiectasia, Sobel D; Norman D, (AJNR), 5: 569, 1984

MacMaturia: red herring?, Kenney IJ; Mackay IG, (Br J Radiol), 59: 417, 1986 hereditary hemorrhage telangiectasia: sonographic findings in the liver, Cloogman HM; DiCapo RD, (Radiology), 150: 521, 1984

predictive value of skin telangiectasia for late radiation effects in different normal tissues, Turesson I; Notter G, (Int J Radiat Oncol Biol Phys), 12: 603, 1986

quantitation of right-to-left shunt ratio in patients with pulmonary teleangiectasia by technetium-99m MAA lung perfusion imaging, Suzuki Y, (Clin Nucl Med), 11: 84, 1986

telangiectatic osteosarcoma, Gomes H; Menanteau B; Gaillard D; et al, (Pediatr Radiol), **16**: 140, 1986

thoracic manifestations of neurocutaneous diseases, Aughenbaugh GL, (Radiol Clin North Am), 22: 741, 1984

# Teleradiology See Video systems

# Temporal bone

cholesterol granuloma of the petrous apex, Gherini SG; Brackmann DE; Lo WWM; et al, (Radiology), 159: 574, 1986

congenital cholesteatoma of the petrous pyramid, Horn KL; Shea JJ III; Brackmann DE, (Radiology), **160**: 860, 1986

giant cholesterol cysts of the petrous apex: radiologic features, Latack JT; Graham MD; Kemink JL; et al, (AJNR), 6: 409, 1985

intratemporal vascular tumors: evaluation with CT, Lo WWM; Horn KL; Carberry JN; Solti-Bohman LG; Wade CT; Brackmann DD; Waluch V, (Radiology), 159: 181, 1986

malignant external otitis: early scintigraphic detection, Strashun AM; Nejatheim M; Goldsmith SJ, (Radiology), **150**: 541, 1984

nonspecific necrotizing petrositis: an unusual complication of otitis in children, Stamm AC; Pinto J A; Coser PL; et al, (Radiology), 156: 273, 1985

petrous apicitis. clinical considerations, Chole RA; Donald PJ, (Radiology), **152**: 859,

temporal bone histopathology associated with occlusion of vertebrobasilar arteries, Kitamura K; Berreby M, (Radiology), 151: 270, 1984

# Temporal bone, abnormalities

aberrant carotid artery: radiologic diagnosis with emphasis on high-resolution computed tomography, Lo WWM; Solti-Bohman LG; McElveen JT Jr. (Radiographics), 5: 985, 1985

congenital middle-ear deafness: CT study, Swartz JD; Glazer AU; Faerber EN; Capitanio MA; Popky GL, (Radiology), **159**: 187, 1986

#### Temporal bone, CT

cholesterol granuloma of the petrous apex: CT diagnosis, Lo WWM; Solti-Bohman LG; Brackmann DE; Gruskin P, (Radiology), 153:

clinical significance of partial volume averaging of the temporal bone, Chakeres DW, (AJNR), 5: 297, 1984

computed tomography in the diagnosis of primary tumors of the petrous bone, Mafee MF; Aimi K; Valvassori GE, (Radiology), 156: 862, 1985

computed tomography of local complications of temporal bone cholesteatomas, Johnson DW; Hinshaw DB Jr; Hasso AN; et al, (JCAT), 9: 519, 1985

computed tomography of temporal bone pneumatization: 1. normal pattern and morphology, Virapongse C; Sarwar M; Bhimani SM; et al, (AJNR), 6: 551, 1985

computed tomography of temporal bone pneumatization: 2. petrosquamosal suture and septum, Virapongse C; Sarwar M; Bhimani SM; et al, (AJNR), 6: 561, 1985

congenital middle-ear deafness: CT study, Swartz JD; Glazer AU; Faerber EN; Capitanio MA; Popky GL, (Radiology), 159: 187, 1986

direct sagittal computed tomography of the temporal bone, Manzione JV; Rumbaugh CL; Katzberg RW, (JCAT), 9: 417,

high resolution computed tomography in evaluation of the temporal bone, Swartz JD; Russell KB; Wolfson RJ; et al, (Radiology), 154: 280, 1985

high-resolution CT in the evaluation of glomus tumors of the temporal bone, Lo WWM; Solti-Bohman LG; Lambert PR, (Radiology), **150**: 737, 1984

high-resolution CT of temporal bone trauma, Holland BA; Brant-Zawadzki M, (AINR), 5:

high-resolution CT of the jugular foramen: anatomy and vascular variants and anomalies, Lo WWM; Solti-Bohman LG, (Radiology), 150: 743, 1984

left-right temporal region asymmetry in infants and children, Seidenwurm D; Bird CR; Enzmann DR; et al, (AJNR), 6: 777,

os supra-petrosum of Meckel: CT appearance, Alemdaroglu A, (JCAT), 10: 164, 1986 radiographic assessment of squamous Gel carcinoma of the temporal bone, Olsen KD; DeSanto LW; Forbes GS, (Radiology), 152:

radiologic approach to paragangliomas of the temporal bone, Curtin HD, (Radiology), 150: 837, 1984

temporal bone fractures and their resolutions: examination with high resolution CT, Schubiger O; Valavanis A; Stuckmann G; et al, (Neuroradiol), 28: 93,

temporal bone trauma: high-resolution computed tomographic evaluation, Johnson DW; Hasso AN; Stewart CE III; Thompson JR; Hinshaw DB Jr, (Radiology), 151: 411, 1984

#### Temporal bone, cysts

giant cholesterol cyst of the petrous apex: distinct clinical entity, Graham MD; Kemink JL; Latack JT; et al, (Radiology), 161: 862 1986

Temporal bone, diseases fibrous dysplasia of the temporal bone update with case reports, Nager GT; Holliday MJ, (Radiology), 157: 856, 1985

histopathology of the temporal bone in osteogenesis imperfecta congenita: report of 5 cases, Berger G; Hawke M; Johnson A; et al, (Radiology), 157: 857, 1985

petrous apicitis: surgical anatomy, Chole RA, (Radiology), 159: 287, 1986

#### Temporal bone, fractures

pneumolabyrinth after temporal bone fracture: documentation by high-resolution CT, Lipkin AF; Bryan RN; Jenkins HA, (AJNR), 6: 294, 1985

temporal bone fracture. review of 90 cases, Cannon CR; Jahrsdoerfer R, (Radiology), 151: 270, 1984

temporal bone fractures and cholesteatoma, Freeman J, (Radiology), 152: 858, 1984

temporal bone fractures and their complications: examination with high resolution CT, Schubiger O; Valavanis A; Stuckmann G; et al, (Neuroradiol), 28: 93,

#### Temporal bone, injuries

high-resolution CT of temporal bone trauma, Holland BA; Brant-Zawadzki M, (AJNR), 5:

temporal bone trauma: high-resolution computed tomographic evaluation, Johnson DW; Hasso AN; Stewart CE III; Thompson JR; Hinshaw DB Jr, (Radiology), 151: 411, 1984

# Temporal bone, MR studies

epidermoidomas of the cerebellopontine angle and temporal bone: CT and MR aspects, Latack JT. Kartush JM; Kemink JL; Graham MD; Knake JE, (Radiology), 157: 361, 1985

magnetic resonance imaging of the jugular foramen, Daniels DL; Schenck JF; Foster T; et al, (AJNR), 6: 699, 1985

temporal bone region: high-resolution MR imaging using surface coils, Koenig H; Lenz M; Sauter R, (Radiology), **159**: 191,

# Temporal bone, neoplasms

chondroblastoma of temporal bone, Tanohata K; Noda M; Katoh H; et al, (Neuroradiol), 28: 367, 1986

computed tomography in the diagnosis of primary tumors of the petrous bone, Mafee MF; Aimi K; Valvassori GE, (Radiology), 156: 862, 1985

dermoid of the petrous apex, Behnke EE; Schindler RA, (Radiology), 155: 281, 1985

high-resolution CT in the evaluation of glomus tumors of the temporal bone, Lo WWM; Solti-Bohman LG; Lambert PR, (Radiology), **150**: 737, 1984

intratemporal vascular tumors: evaluation with CT, Lo WWM: Horn KL; Carberry JN; Solti-Bohman LG; Wade CT; Brackmann DD; Waluch V, (Radiology), 159: 181, 1986

meningiomas presenting in the paranasal sinuses and temporal bone, Granich MS; Pilch BZ; Goodman ML, (Radiology), 151:

osteoblastoma of the temporal bone: CT findings, Gellad FE; Hafiz MA; Blanchard CL, (JCAT), 9: 577, 1985

radiographic assessment of squamous cell carcinoma of the temporal bone, Olsen KD; DeSanto LW; Forbes GS, (Radiology), 152:

radiologic approach to paragangliomas of the temporal bone, Curtin HD, (Radiology), 150: 837, 1984

# Temporal bone, radiography

cochlear aqueduct radiographic anatomy in temporal bone preparations and in sudden hearing loss, Strauss M; Aufiero T; Varano L, (Radiology), 152: 559, 1984

# Tendinitis

Achilles tendon of pathologic conditions: US diagnosis, work in progress, Blei CL; Nirschl RP; Grant EG, (Radiology), 159: 765,

Achilles tendon: US examination, Fornage BD, (Radiology), 159: 759, 1986

calcifications simulating peroneus longus tendinitis, de Carvalho A; Illum F; Jorgensen J, (Radiology), **154**: 848, 1985

calcific tendinitis of the longus coli: diagnosis by CT, Hall FM; Docken WP; Curtis HW; et al, (AJR), 147: 742, 1986

calcific tendinitis of the longus colli muscle, Kaplan MJ; Favey RD, (Radiology), 154: 281, 1985

US of the biceps tendon apparatus, Middleton WD; Reinus WR; Totty WG; Melson GL; Murphy WA, (Radiology), 157: 211, 1985

Achilles tendon: US examination, Fornage BD, (Radiology), 159: 759, 1986

(Nationgy, 1987, 1997, 1997) ankle tenography: a key to unexplained symptomatology. part I: normal tenographic anatomy, Teng MMH; Destouet JM; Gilula LA; Resnick D; Hembree JL; Oloff LM, (Radiology), 151: 575, 1984

Oloff LM, (Radiology), 15.15 SA, AA, ankle tenography: a key to unexplained symptomatology. part II: diagnosis of chronic tendon disabilities, Gilula LA; Oloff L, Caputi R, Destouet JM; Jacobs A; Solomon MA, (Radiology), 151: 581, 1984

calcifications simulating peroneus longus tendinitis, de Carvalho A; Illum F; Jorgensen J, (Radiology), 154: 848, 1985

computed tomography in the evaluation of Brown syndrome of the superior oblique tendon sheath, Mafee MF; Folk ER; Langer BG; Miller MT; Lagouros P; Mittleman D, (Radiology), 154: 691, 1985

computerized tomography in the evaluation of peroneal tendon dislocation. a report of two cases, Szczukowski M Jr, St. Pierre RK; Fleming LL; et al, (Radiology), 152: 262, 1984

osseous involvement in deQuervain's disease, Nyska M; Floman Y; Fast A, (Radiology), 155: 852, 1985

pigmented villonodular synovitis (giant-cell tumor of the tendon sheath and synovial membrane): a review of eighty-one cases, Rao AS; Vigorita VJ, (Radiology), 152: 843,

sonography of the patellar tendon: preliminary observations, Fornage BD; Rifkin MD; Touche DH; et al, (AJR), 143:

US of the biceps tendon apparatus, Middleton WD; Reinus WR; Totty WG; Melson GL; Murphy WA, (Radiology), 157: 211, 1985

# Tendons, CT

peroneal tendon injuries: CT analysis, Rosenberg ZS; Feldman F; Singson RD, (Radiology), **161:** 743, 1986

#### Tendons, injuries

- Achilles tendon of pathologic conditions: US diagnosis. work in progress, Blei CL; Nirschl RP; Grant EG, (Radiology), **159:** 765,
- Achilles tendon: US examination, Fornage BD, (Radiology), 159: 759, 1986
- peroneal tendon injuries: CT analysis Rosenberg ZS; Feldman F; Singson RD, (Radiology), 161: 743, 1986
- sonographic diagnosis of partial Achilles tendon rupture and healing, Leekam RN; Salsberg BB; Bogoch E; et al, (J Ultrasound Med), 5: 115, 1986
- sonography of Achilles tendon rupture, Mayer R; Wilhelm K; Pfeifer KJ, (Radiology), **156**: 863, 1985

#### Tendons, MR studies

- MR imaging of a ruptured Achilles tendon, Reinig JW; Dorwart RH; Roden WC, (JCAT), 9: 1131, 1985
- orientation of tendons in the magnetic field and its effect on T2 relaxation times, Fullerton GD; Cameron IL; Ord VA, (Radiology), 155: 433, 1985

# Tendons, US studies

- Achilles tendon of pathologic conditions: US diagnosis. work in progress, Blei CL; Nirschl RP; Grant EG, (Radiology), 159: 765,
- Achilles tendon: US examination, Fornage BD, (Radiology), 159: 759, 1986
- sonographic diagnosis of partial Achilles tendon rupture and healing, Leekam RN; Salsberg BB; Bogoch E; et al, (J Ultrasound Med), 5: 115, 1986

# Tenosynovitis

- Achilles tendon of pathologic conditions: US diagnosis. work in progress, Blei CL; Nirschl RP; Grant EG, (Radiology), **159**: 765,
- ankle tenography: a key to unexplained symptomatology. part II: diagnosis of chronic tendon disabilities, Gilula LA; Oloff L; Caputi R; Destouet JM; Jacobs A; Solomon MA, (Radiology), 151: 581, 1984
- osseous involvement in deQuervain's disease, Nyska M; Floman Y; Fast A, (Radiology), 155: 852, 1985

#### Teratoma

- benign cystic teratoma of the ovary, Karo JJ; Sandler MA, (Clin Diagn Ultrasound), **15**: 47, 1984
- congenital anorectal malformations harbingers of sacrococcygeal teratomas, Moazam F; Talbert JL, (Radiology), **157**: 853,
- CT features of cystic teratoma of the diaphragm, Muller NL, (JCAT), 10: 325, 1986
- 'cystic ovarian teratomas: sonographic appearance of the dermoid plug, Quinn SF; Erickson S; Black WC, (Radiology), 155: 477,
- direct multiplanar CT findings in cystic teratoma of the ovary, Feldberg MAM; van Waes PFGM; Hendriks MJ, (JCAT), 8: 1131,
- traosseous localization of technetium-99m MDP in benign cystic teratoma, Fuller C; Leonard JC, (Clin Nucl Med), 11: 574, 1986
- intradural spinal teratoma: case report and review of the literature, Smoker WRK; Biller J; Moore SA; et al, (AJNR), 7: 905, 1986
- malignant ovarian teratomas, Taylor CR; Taylor KJW, (Clin Diagn Ultrasound), 15: 61,
- malignant teratoma of the parapharyngeal space in an adult: rare lesion presenting as cervical cord compression, Sacher M; Som PM; Lanzieri CF; et al. (CT), 10: 37, 1986
- malignant teratoma of the thyroid in an adult: CT appearance, Kier R; Silverman PM; Korobkin M; et al, (JCAT), 9: 174, 1985
- MR imaging of a spinal teratoma, Monajati A; Spitzer RM; Wiley JL; et al, (JCAT), **10**: 307, 1986
- shard-like calcifications in retroperitoneal teratomas, Schey WL; Vesely JJ; Radkowski MA, (Pediatr Radiol), **16**: 82,
- ultrasonography of mediastinal teratoma, Ikezoe J; Morimoto S; Arisawa J; et al., (JCU), 14: 513, 1986

#### Testis

MR effect on murine spermatogenesis, Withers HR; Mason KA; Davis CA, (Radiology), 156: 741, 1985

#### Testis, abnormalities

- cystic dysplasia of the testis: sonographic and pathologic findings, Cho CS; Kosek J, (Radiology), **156**: 777, 1985
- testicular infarction secondary to acute inflammatory disease: demonstration by B-scan ultrasound, Bird KI Jr; Rosenfield AT, (Radiology), 152: 785, 1984

- alterations in the CT image following retroperitoneal lymphadenectomy in early stage non-seminomatous testicular tumor, von Krogh J; Lien HH; Ous S; et al, (Radiology), 159: 286, 1986
- CT evaluation of advanced seminoma treated with chemotherapy, Stomper PC;
  Jochelson MS; Friedman EL; et al, (AJR), 146:
- lymphangiography and computerized tomography in testicular carcinoma: how accurate in early stage disease?, Tesoro-Tess JD; Pizzocaro G; Zanoni F; et al, (Radiology), 157: 850, 1985
- (Radiology), 157: 500, 190; lymphography and computed tomography in staging nonseminomatous testicular cancer: limited detection of early stage metastatic disease, Marincek B; Brutschin P; Triller J; et al., (Radiology), 152: 251, 1984
- retracted testis mimicking lymphomatous recurrence: CT demonstration, Neumann DR; Pearlstein AE, (JCAT), 10: 159, 1986

#### Testis, inflammation See Orchitis

# Testis, neoplasms

- accuracy of radiological staging procedures in non-seminomatous testis cancer compared with findings from surgical exploration and histopathological studies of extirpated tissue, Samuelsson L; Forsberg L; Olsson AM, (Br J Radiol), 59: 131, 1986
- alterations in the CT image following retroperitoneal lymphadenectomy in early von Krogh J; Lien HH; Ous S; et al, (Radiology), 159: 286, 1986
- antibody-guided radiolocalisation of tumours in patients with testicular or ovarian cancer using two radioiodinated monoclonal antibodies to placental alkaline phosphatase, Epenetos AA; Carr D; Johnson PM; et al, (Br J Radiol), 59: 117, 1986
- case report: bilateral testicular plasmacytoma, Taylor RE; Duncan W; Parker AC, (Clin Radiol), 37: 293, 1986
- comparison of NMR and CT imaging in the evaluation of metastatic retroperitoneal lymphadenopathy from testicular carcinoma, Ellis HH; Bies JR; Kopecky KK; et al, (Radiology), 155: 283, 1985
- CT evaluation of advanced seminoma treated with chemotherapy, Stomper PC; Jochelson MS; Friedman EL; et al, (AJR), 146:
- diffuse testicular disease: sonographic features and significance, Subramanyam BR; Horii SC; Hilton S, (AJR), 145: 1221, 1985
- effect on fertility, libido and sexual function of post-operative radiotherapy and chemotherapy for cancer of the testicle, Levison V, (Clin Radiol), 37: 161, 1986
- evaluation of extratesticular findings in scrotal neoplasms, Worthy L; Miller EI; Chinn DH, (J Ultrasound Med), 5: 261, 1986
- high resolution sonography in diagnosing testicular neoplasms: clinical significance of false positive scans, Tackett RE, Ling D; Catalona WJ; et al, (Radiology), 160: 858,
- high-resolution ultrasonographic and pathologic abnormalities of germ cell tumors in patients with clinically normal testes, Kirschling RJ; Kvols LK; Charboneau JW; et al, (Radiology), 151: 559, 1984
- imaging of a primary carcinoid tumor of the testicle, Nichols DA; James EM; Charboneau JW; et al, (J Ultrasound Med), 4: 255, 1985
- impact of treatment errors on postoperative radiotherapy for testicular tumours, Pearcey RG; Griffiths SE, (Radiology), **159**: 572, 1986

- incidental detection of impalpable testicular neoplasm by sonography, Stoll S; Goldfinger M; Rothberg R; et al, (AJR), 146: 349, 1986
- intratesticular adrenal rests diagnosed by ultrasound, Seidenwurm D; Smathers RL; Kan P; Hoffman A, (Radiology), 155: 479,
- invasion of the inferior vena cava by testicular seminoma: demonstration by computed tomography and venography, O'Brien WM; Choyke PL; Lynch JH; et al, (Urol Radiol), 8: 108, 1986
- low-attenuation thoracic metastases in testicular malignancy, Yousem DM; Scatarige JC; Fishman EK; et al, (AJR), 146: 291, 1986
- lymphangiography and computerized tomography in testicular carcinoma: how accurate in early stage disease?, Tesoro-Tess ID, Pizzocaro G, Zanoni F; et al, (Radiology), 157: 850, 1985
- (wathingly, 177-05), 177-05, 1
- lymphography in retroperitoneal metastases in non-seminoma testicular tumor patients with a normal CT scan, Lien HH; Fossa SD; Ous S; et al, (Radiology), 152: 844, 1984
- neuroblastoma metastatic to the testis: ultrasonographic screening as an aid to clinical staging, Casola G; Scheible W; Leopold GR, (Radiology), **151:** 475, 1984
- non-seminomatous testicular germ cell tumors in Denmark, 1976-1980: results of treatment, von der Maase H; Engelholm SA; Rorth M; et al. (Radiology), 156: 286, 1985
- non-seminomatous testicular germ cell tumours: preliminary analysis of ongoing trials in the DATECA study, Rorth M; von der Masse H; Nielsen ES; et al, (Radiology), 156: 287, 1985
- occult testicular interstitial-cell tumor in a patient with gynecomastia: ultrasonic detection, Emory TH; Charboneau JW; Randall RV; Scheithauer BW; Grantham JG, (Radiology), 151: 474, 1984
- paternity after irradiation for testicular cancer, Fossa SD; Almaas B; Jetne V; et al, (Acta Radiol [Oncol]), 25: 33, 1986
- priorities for computed tomography in the management of testicular seminoma, Chisholm EM; Jones WG; Shiels RA; et al, (Radiology), 156: 281, 1985
- prognostic factors in testicular germ cell tumors: experiences from 1,058 cases, Vaeth M; Schultz HP; von der Maase H; et al, (Radiology), 156: 287, 1985
- radiation treatment of testicular relapse in acute lymphoblastic leukemia, Tombolini V; Banelli E; Capua A; et al, (Acta Radiol [Oncol]), 25: 29, 1986
- residual abdominal masses after chemotherapy for nonseminomatous testicular cancer: correlation of CT and histology, Stomper PC; Jochelson MS; Garnick MB; et al, (AJR), 145: 743, 1985
- residual masses after successful chemotherapy for testicular carcinoma, Glowalla M, (AJR),
- sarcoid reaction of hilar and paratracheal lymph nodes in patients treated for testicular cancer, Fossa SD; Abeler V; Marton PF; et al, (Radiology), 159: 572, 1986
- sonography and CT in staging nonseminomatous testicular tumors Poskitt KJ; Cooperberg PL; Sullivan LD, (AJR), 144: 939, 1985
- testicular carcinoma: curable malignancy, Dahl O, (Radiology), 158: 576, 1986
- testicular carcinoma in Denmark, 1976-1980; stage and selected clinical parameters at presentation, Schultz HP; Arends J; Barlebo H; et al, (Radiology), **156**: 286, 1985
- testicular germ cell tumors in Denmark, 1976-1980: pathology of 1,058 consecutive cases, Jacobsen GK; Barlebo H; Olsen J; et al, (Radiology), 156: 286, 1985
- testicular neoplasms studied by high-resolution US, Grantham JG; Charboneau JW; James EM; Kirschling RJ; Kvols LK; Segura JW; Wold LE, (Radiology), 157: 775, 1985

- testicular seminoma: analysis of treatment results and failures, Lester SG; Morphis JG II; Hornback NB, (Int J Radiat Oncol Biol Phys), 12: 353, 1986
- results of treatment, Schultz HP; von der Maase H; Rorth M; et al, (Radiology), 156:
- torsion of intrascrotal malignant testis tumors, Cos LR; Peartree RJ; Descalzi M; et al, (Radiology), 151: 562, 1984
- tumour markers in testicular germ cell tumros: five-year experience from the DATECA study, 1976–1980, Norgaard-Pedersen B; Schultz HP; Arends J; et al. (Radiology), 156: 287, 1985
- ultrasound demonstration of a benign mesothelioma of tunica vaginalis testis, Aquino NM; Vazquez R; Matari H, (JCU), 14: 310, 1986
- ultrasound diagnosis of a benign calcified testicular mass: report of a case, Lipinksi JK; Rao CR, (J Canad Assoc Radiol), 37: 112, 1986
- unusual thoracoabdominal sites of metastases in testicular tumors, Husband JE; Bellamy EA, (AJR), 145: 1165, 1985

#### Testis, radionuclide studies

- diagnosis of acute testicular torsion using radionuclide scanning, Levy OM; Gittelman MC; Strashun AM; et al, (Radiology), 150: 870, 1984
- evolution of acute epididymitis to testicular infarction: scintigraphic demonstration, Vieras F, (Clin Nucl Med), 11: 158, 1986
- scintiscan for acute intrascrotal conditions, Dunn EK; Macchia RJ; Chauhan PS; et al, (Clin Nucl Med), 11: 381, 1986
- torsion of intrascrotal malignant testis tumors, Cos LR; Peartree RJ; Descalzi M; et al, (Radiology), **151**: 562, 1984

#### Testis, therapeutic radiology

- effect on fertility, libido and sexual function of post-operative radiotherapy and chemotherapy for cancer of the testicle, Levison V, (Clin Radiol), 37: 161, 1986
- impact of treatment errors on postoperative radiotherapy for testicular tumours, Pearcey RG; Griffiths SE, (Radiology), 159:
- non-seminomatous testicular germ cell tumors in Denmark, 1976–1980: results of treatment, von der Maase H; Engelholm SA; Rorth M; et al. (Radiology), 156: 286, 1985
- non-seminomatous testicular germ cell tumours: preliminary analysis of ongoing trials in the DATECA study, Rorth M; von der Maase H; Nielsen ES; et al, (Radiology), 156: 287, 1985
- paternity after irradiation for testicular cancer, Fossa SD; Almaas B; Jetne V; et al, (Acta Radiol [Oncol]), **25**: 33, 1986
- radiation therapy in bulky seminoma, Green N; Broth E; George FW; et al, (Radiology), **150**: 871, 1984
- radiation treatment of testicular relapse in acute lymphoblastic leukemia, Tombolini V; Banelli E; Capua A; et al, (Acta Radiol [Oncol]), 25: 29, 1986
- radiotherapy in seminoma of the testes, Read GS; Robertson AG; Blair V, (Radiology), **151**: 564, 1984
- recovery of spermatogenesis following pelvic irradiation for Hodgkin's disease, Pedrick TJ; Hoppe RT, (Int J Radiat Oncol Biol Phys), 12: 117, 1986
- residual abdominal masses after chemotherapy for nonseminomatous testicular cancer: correlation of CT and histology, Stomper PC; Jochelson MS; Garnick MB; et al, (AJR), 145: 743, 1985
- testicular seminoma: analysis of treatment results and failures, Lester SG; Morphis JG II; Hornback NB, (Int J Radiat Oncol Biol Phys), 12: 353, 1986
- testicular seminoma in Denmark, 1976–1980: results of treatment, Schultz HP; von der Maase H; Rorth M; et al, (Radiology), 156: 286, 1985

#### Testis, torsion

- diagnosis of acute testicular torsion using radionuclide scanning, Levy OM; Gittelman MC; Strashun AM; et al, (Radiology), 150: 870, 1984
- diffuse testicular disease: sonographic features and significance, Subramanyam BR; Horii SC; Hilton S, (AJR), 145: 1221, 1985

- experimental study of the sonographic diagnosis of testicular torsion, Hricak H; Lue T; Filly RA; et al, (Radiology), **152**: 867,
- extratesticular hemorrhage associated with torsion of the spermatic cord: sonographic demonstration, Vick CW; Bird K; Rosenfield AT; Klein FA; Schneider V; Walsh JW; Brewer WH, (Radiology), 158: 401, 1986
- generalized testicular hyperechogenicity in acute testicular torsion, Chinn DH; Miller EI, (J Ultrasound Med), 4: 495, 1985
- radionuclide evaluation of acute scrotal disease, Nakielny RA; Thomas WEG; Jackson P; et al, (Radiology), **154**: 284, 1985
- radionuclide scrotal imaging: further experience with 210 patients: part 2: results and discussion, Chen DCP; Holder LE; Melloul M, (Radiology), 152: 870, 1984

#### Testis, undescended

high resolution real-time ultrasonography in the localization of the undescended testis, Weiss RM; Carter AR; Rosenfield AT, (Radiology), 161: 575, 1986

#### Testis, US studies

- abnormal echogenicity of the testicle caused by epididymal cysts, Rifkin MD; Brownstein PK, (Radiology), **153**: 280, 1984
- cystic dysplasia of the testis: sonographic and pathologic findings, Cho CS; Kosek J, (Radiology), **156**: 777, 1985
- epididymis examined by ultrasound. correlation with pathology, Rifkin MD; Kurtz AB; Goldberg BB, (Radiology), 151: 187, 1984
- evaluation of extratesticular findings in scrotal neoplasms, Worthy L; Miller EI; Chinn DH, (J Ultrasound Med), 5: 261, 1986
- experimental study of the sonographic diagnosis of testicular torsion, Hricak H; Lue T; Filly RA; et al, (Radiology), 152: 867, 1984
- extratesticular hemorrhage associated with torsion of the spermatic cord: sonographic demonstration, Vick CW; Bird K; Rosenfield AT; Klein FA; Schneider V; Walsh JW; Brewer WH, (Radiology), 158:
- generalized testicular hyperechogenicity in acute testicular torsion, Chinn DH; Miller EI, (J Ultrasound Med), 4: 495, 1985
- high resolution real-time ultrasonography in the localization of the undescended testis, Weiss RM; Carter AR; Rosenfield AT, (Radiology), 161: 575, 1986
- high resolution sonography in diagnosing testicular neoplasms: clinical significance false positive scans, Tackett RE; Ling D; Catalona WJ; et al, (Radiology), 160: 858,
- high-resolution ultrasonographic and pathologic abnormalities of germ cell tumors in patients with clinically normal testes, Kirschling RJ; Kvols LK; Charboneau JW; et al, (Radiology), 151: 559,
- imaging of a primary carcinoid tumor of the testicle, Nichols DA; James EM; Charboneau JW; et al, (J Ultrasound Med), 4:
- incidental detection of impalpable testicular neoplasm by sonography, Stoll S; Goldfinger M; Rothberg R; et al, (AJR), 146:
- inguinal ovaries in children demonstrated by high resolution real-time ultrasound, Goske MJ; Emmens RW; Rabinowitz R, (Radiology), 151: 635, 1984
- intratesticular adrenal rests diagnosed by ultrasound, Seidenwurm D; Smathers RL; Kan P; Hoffman A, (Radiology), 155: 479,
- neuroblastoma metastatic to the testis: ultrasonographic screening as an aid to clinical staging, Casola G; Scheible W; Leopold GR, (Radiology), 151: 475, 1984
- occult testicular interstitial-cell tumor in a patient with gynecomastia: ultrasonic detection, Emory TH; Charboneau JW; Randall RV; Scheithauer BW; Grantham JG, (Radiology), 151: 474, 1984
- role of diagnostic ultrasonography in varicocele evaluation, Rifkin MD; Foy PM; Kurtz AB; et al, (Radiology), **151**: 833, 1984

- sonography of an intratesticular lipoma, Hertzberg BS; Mahony BS; Bowie JD; et al, (J Ultrasound Med), 4: 619, 1985
- sperm granuloma, Ramanathan K; Yaghoobian J; Pinck RL, (JCU), 14: 155, 1986 testicular infa.ction secondary to acute inflammatory disease: demonstration by B-scan ultrasound, Bird KI Jr. Rosenfield AT, (Radiology), 152: 785, 1984
- (Radiology), 132-795, 1794 testicular neoplasms studied by high-resolution US, Grantham JG; Charboneau JW; James EM; Kirschling RJ; Kvols LK; Segura JW; Wold LE, (Radiology), 157: 775, 1985
- ultrasonic CT: work in progress, Bland PH; DiPietro MA; Chenevert TL; Hutchinson RJ; Carson PL, (Radiology), 159: 101, 1986
- ultrasonographic analysis of chronic intratesticular pathology, Blei CL; Sihelnik S; Bloom D; et al, (Radiology), **150**: 299, 1984
- ultrasound demonstration of a benign mesothelioma of tunica vaginalis testis, Aquino NM; Vazquez R; Matari H, (JCU), 14: 310, 1986
- ultrasound diagnosis of a benign calcified testicular mass: report of a case, Lipinksi JK; Rao CR, (J Canad Assoc Radiol), 37: 112, 1986
- uncommon causes of scrotal and inguinal swelling in children: sonographic appearance, Han BK, (JCU), 14: 421, 1986
- appreasance, rian BR, (JCU), 14: 421, 19 varicoceles: combined sonography and thermography in diagnosis and posttherapeutic evaluation, Hamm B; Fobbe F; Sorensen R; Felsenberg D, (Radiology), 160: 419, 1986

# Test of cts

# See also Phantoms

See also Frantions of the pulmonary nodule: cooperative study, Zerhouni EA; Stitik FP; Siegelman SS; Naidich DP; Sagel SS; Proto AV; Muhm JR; Walsh JW; Martinez CR; Heelan RT; Branıy P; Bozeman RE; Disantis DJ; Ettenger N; McCauley D; Aughenbaugh GL; Brown LR; Miller WE; Litt AW; Leo FP; Fishman EK; Khouri NF, (Radiology), 160: 319, 1986

# **Tetralogy of Fallot**

- congenital absence of pulmonary valve associated with tetralogy of Fallot: diagnosis by 2-dimensional echocardiography, Di Segni E; Einzig S; Bass JL; et al, (Radiology), 151: 557, 1984
- pulmonary vascularity in patients with pulmonary atresia and ventricular septal defect, Diethelm E: Soto B; Nath PH; Bargeron LM Jr; Kirklin JK, (Radiographics), 5: 243, 1985
- tetralogy of Fallot, Strife JL, (Semin Roentgenol), 20: 160, 1985
- tetralogy of Fallot with atrioventricular canal: an angiographic study, Nath PH; Soto B; Bini RM; et al, (Radiology), 154: 553, 1985

# Thalassemia

#### See Anemia

#### Thallium, radioactive

- arm vein uptake of thallium-201 during exercise: incidence and clinical significance, Gal R; Port SC, (J Nucl Med), 27: 1353, 1986
- assessment of regional wall motion and perfusion by multigated myocardial perfusion scintigraphy after intracorona Tl-201, Parker J A; Markis JE; Royal HD, (Radiology), 154: 783, 1985
- clinical decision making; dipyridamole thallium imaging, Gill JB; Miller DD; Boucher CA; et al, (J Nucl Med), 27: 132, 1986
- effect of eating on thallium myocardial imaging, Wilson RA; Sullivan PJ; Okada RD; et al, (Radiology), **160**: 574, 1986
- gold-195m first-pass radionuclide ventriculography, thallium-201 single-photon emission CT, and 12-lead ECG stress testing as a combined procedure, Kipper SL; Ashburn WL; Norris SL; Rimkus DS; Dillon WA, (Radiology), 156: 817, 1985
- leg perfusion evaluated by delayed administration of thallium-201, Burt RW; Mullinix FM; Schauwecker DS; Richmond BD, (Radiology), 151: 219, 1984
- limits to parathyroid imaging with thallium-201 confirmed by tissue uptake and phantom studies, Gimlette TMD; Brownless SM; Taylor WH; et al, (J Nucl Med), 27: 1262, 1986

- myocardial perfusion studies: lessons from a decade of clinical use, Strauss HW; Boucher CA, (Radiology), **160**: 577, 1986
- Nal(Tl) camera crystals: imaging capabilities of hydrated regions on the crystal surface, Keszthelyi-Landori S, (Radiology), **158**: 823,
- quantitation of extent, depth, and severity of planar thallium defects in patients undergoing exercise thallium-201 scintigraphy, Reisman S; Maddahi J; Van Train K; et al, (J Nucl Med), 27: 1273, 1986
- quantitative planar thallium-201 stress scintigraphy: critical evaluation of the method, Wackers FJT; Fetterman RC; Mattera JA; et al, (Semin Nucl Med), **15**: 46,
- quantitative relationship between global left ventricular thallium uptake and blood flow: effects of propranolol, quabain, dipyridamole, and coronary artery occlusion, Melin JA; Becker LC, (J Nucl Med), 27: 641, 1986
- resting kinetics of thallium-201 in patients with coronary artery disease, Iskandrian AS; Amenta A; Kane SA; et al, (Radiology), **155**: 286, 1985.
- role of exercise thallium-201 imaging in decision making, Iskandrian AS; Hakki A-H; Segal BL; et al. (Radiology), **161**: 575, 1986
- Cavailloles F; Vitaux F; Petiet A; et al, (Radiology), 150: 617, 1984
- Therapeutic radiology
- Bragg-Peak proton-beam therapy for arteriovenous malformations of the brain, Kjellberg RN; Hanamura T; Davis KR; et al, (Radiology), 151: 563, 1984
- Cf-252 neutron brachytherapy: an advance for bulky localized cancer therapy, Maruyama Y, (Radiology), 153: 576, 1984
- clinical summary: challenge of local tumor control and its impact on survival, Brady LW; Cox JD; Markoe AM, (Int J Radiat Oncol Biol Phys), 12: 705, 1986
- computer-aided instructional module for radiological physics, Starkschall G; Riggs JD; Lowther JR II, (Int J Radiat Oncol Biol Phys), 12: 421, 1986
- computerized record and verify system for radiation treatments, Mohan R; Podmaniczky KC; Caley R; et al, (Radiology), **156**: 573, 1985
- effect of combined modality therapy on local control and survival, DeVita VT; Lippman M; Hubbard SM; et al, (Int J Radict col Biol Phys), 12: 487, 1986
- evaluation of the response of unresectable carcinoid tumors to radiotherapy, Samlowski WE; Eyre HJ; Sause WT, (Int J Radiat Oncol Biol Phys), 12: 301, 1986
- graphical method for the analysis of decisions in clinical oncology, Munro AJ, (Clin Radiol), 37: 263, 1986
- impact of improved local control on survival, Suit HD; Westgate SJ, (Int J Radiat Oncol Biol Phys), 12: 453, 1986
- intercalator-induced, toposiomerase IImediated DNA cleavage and its mediated DNA cleavage and its modification by antineoplastic antimetabolites, Zwelling LA; Silberman L; Estey E, (Int J Radiat Oncol Biol Phys), **12**: 1041, 1986
- investigation into the daily reproducibility of patient positioning for 'mantle' treatments, Pearcey RG; Griffiths SE, (Clin Radiol), 37: 43, 1986
- mechanisms of DNA repair and their potential modification for radiotherapy, Ward JF, (Int J Radiat Oncol Biol Phys), 12: 1027, 1986
- predicting late normal tissue responses, Withers HR, (Int J Radiat Oncol Biol Phys), 12: 693, 1986
- progress in radio-oncology II, Karcher KH; Kogelnik HD; Reinartz G, ed, Reviewed by Scott RS, (Radiology), **153**: 740, 1984
- radical external beam radiation therapy for prostate carcinoma, Garrett PG; Herman JG; Rawlings GA; et al, (Radiology), 155: 287,
- radiotherapeutic prophylaxis of estrogeninduced gynecomastia: study of late sequela, Fass D; Steinfeld A; Brown J; et al, (Int J Radiat Oncol Biol Phys), **12:** 407, 1986

- role of radiotherapy in recurrent and metastatic malignant melanoma: clinical radiobiological study, Overgaard J, (Int J Radiat Oncol Biol Phys), **12**: 867, 1986
- scientific perspectives on recent progress in radiation oncology, Fowler JF, (Int J Radiat Oncol Biol Phys), 12: 709, 1986
- sequential chemo-radiotherapy in locally advanced squamous cell carcinoma of the head and neck, Wendt TG; Chucholowski M; Hartenstein R; et al, (Int J
- Radiat Oncol Biol Phys), 12: 397, 1986 special report, the stereotactic radiosurgery unit in Sheffield, Bradshaw JD, (Clin Radiol), 37: 277, 1986
- tetrahydrocannabinol vs. prochlorperazine: the effects of two antiemetics on patients undergoing radiotherapy, Ungerleider JT; Andrysiak TA; Fairbanks LA; Tesler AS; Parker RG, (Radiology), **150**: 598, 1984
- Parker RC, (Radiology), 130: 596, 1994 thermochemotherapy (combined cyclophosphamide and hyperthermia) with or without hyperglycemia as an adjuvant to radiotherapy. Urano M; Kahn J; Kenton LA, (Int J Radiat Oncol Biol Phys), 12: 45, 1986
- tumor oxygenation and reoxygenation during radiation therapy: their importance in predicting tumor response, Kallman RF; Dorie MJ, (Int J Radiat Oncol Biol Phys), 12: 681, 1986
- Therapeutic radiology, comparative studies comparative review of the Hammersmith (1971–75) and Edinburgh (1977–82) neutron therapy trials of certain cancers of the oral cavity, oropharynx, larynx and hypopharynx, Medical Research Council Neutron Therapy Working Group, (Br J Radiol), 59: 429, 1986
- prostatic cancer therapy: comparison of external-beam radiation and I-125 seed implantation treatment of stages B and C neoplasms, Morton JD; Harrison LB; Peschel RE, (Radiology), **159**: 249, 1986
- Therapeutic radiology, complications Radiations, injurious effects, complications of therapeutic radiology
- Therapeutic radiology, computer-assisted dose optimization with computer-controlled gantry rotation, collimator motion and dose-rate variation, Chin LM; Kijewski PK; Svensson GK; et al, (Radiology), 151: 279,
- radiotherapy planning: direct tumor location on simulation and port films using CT. part I. principles, Haynor DR; Borning AW; Griffin BA; Jacky JP; Kalet IJ; Shuman WP, (Radiology), 158: 537, 1986 respective roles of the simulator and computed
- tomography in radiotherapy planning: a review, Dobbs HJ; Parker RP, (Radiology), 156: 288, 1985
- Therapeutic radiology, dosimetry See Dosimetry
- Therapeutic radiology, electrons dose enhancement in bone in electron beam
- therapy, Prasad SC; Ames TE; Howard TB; Bassano DA; Chung CT; King GA; Sagerman RH, (Radiology), **151:** 513, 1984 dosimetric evaluation of a pencil-beam
- algorithm for electrons employing a two-dimensional heterogeneity correction, Hogstrom KR; Mills MD; Meyer JA; et al, (Radiology), 154: 288, 1985
- intraoperative US as an aid to intraoperative electron beam radiation therapy, Schoenecker SA: Mack LA; Russell AH; Cyr DR; Shuman WP; Lennard ES; Montana MA, (Radiology), 160: 251, 1986 partial bolussing to improve the depth doses
- in the surface region of low energy electron beams, Galbraith DM; Rawlinson JA, (Radiology), **154**: 288, 1985
- Therapeutic radiology, experimental
  - acute and long-term alterations in the granulocyte/macrophage progenitor cell (GM-CFC) compartment of dogs after partial-body irradiation: irradiation of the upper body with a single myeloablative dose, Nothdurft W; Calvo W; Klinnert V; et al, (Int J Radiat Oncol Biol Phys), 12: 949, 1986
  - adriamycin resistance, heat resistance and radiation response in Chinese hamster fibroblasts, Wallner K; Li GC, (Int J Radiat Oncol Biol Phys), 12: 829, 1986

- boron distribution analysis by alpha-autoradiography, Abe M; Amano K; Kitamura K; et al, (J Nucl Med), **27**: 677, 1986
- cellular growth and metabolic adaptations to nutrient stress environments in tumor microregions, Sutherland R; Freyer J; Mueller-Klieser W; et al, (Int J Radiat Oncol Biol Phys), **12**: 611, 1986
- characterization of a transitional cellcarcinoma line arising from a previously irradiated tumor, Pontes [E; Morrison K Pierce JM Jr, (Radiology), 156: 286, 1985
- co-cultured transformed and untransformed C3H 10T1/2 cells: preferential killing of transformed cells by low dose rate irradiation, Zeman EM; Bedford JS, (Int J Radiat Oncol Biol Phys), 12: 51, 1986
- comparison of radiosensitivities of human autologous normal and neoplastic thyroid epithelial cells, Miller RC; Kopecky KJ; Hiraoka T; et al, (Br J Radiol), 59: 127, 1986
- comparison of the heat and radiation sensitivity of rodent and human derived sensitivity or rodent and number to cells cultured in vitro, Roizin-Towle L; Pirro JP; McDowell J, (Int J Radiat Oncol Biol Phys), 12: 647, 1986
- contrasting effects of the differentiating agent sodium butyrate on recovery processes after x-irradiation in heterogeneous human colon tumor cells, Arundel CM; Kenney SM; Leith JT; et al, (Int J Radiat Oncol Biol Phys),
- distribution of radiation sensitivities for human tumor cells of specific histological types: comparison of *in vitro* to *in vivo* data, Malaise EP, Fertil B, Chavaudra N; et al., (Int J Radiat Oncol Biol Phys), **12**: 617, 1986
- dose-response relationships for photodynamic injury to murine skin, Moore JV; Keene JP; Land EJ, (Br J Radiol), **59**: 257, 1986
- effect of x-irradiation dose rate on the clonagenic survival of human and experimental animal hematopoietic tumor cell lines: evidence for heterogeneity, Fitzgerald TJ; McKenna M; Kase K; et al, (Int J Radiat Oncol Biol Phys), 12: 69, 1986
- effects of nutritional state on the expression of radiation injury in two tumor subpopulations obtained from a heterogeneous human colon carcinoma, Arundel CM; Leith JT, (Int J Radiat Oncol Biol Phys), **12**: 59, 1986
- influence of prior total body irradiation on the lissue distribution of mouse lymphoma/leukemia, Cobb LM; Butler SA, (Int J Radiat Oncol Biol Phys), 12: 83, 1986
- investigation of changes in relative biological effectiveness (RBE) with depth for x ray beams generated between 100 and 250 kVp using the mouse foot as biological test system, Hering ER, (Int J Radiat Oncol Biol Phys), 12: 815, 1986
- ions and pig skin: preclinical evaluation of RBE for early and late damage, Douglas BG; Grulkey WR; Chaplin DJ; et al, (Int J Radiat Oncol Biol Phys), **12**: 221, 1986
- potential for increasing the differential response between tumors and normal tissues: can proliferation rate be used?, Fowler JF, (Int J Radiat Oncol Biol Phys), 12: 641, 1986
- protection of mouse jejunal crypt cells by WR-2721 after small doses of radiation, Travis EL; Thames HD Jr; Tucker SL; et al, (Int ) Radiat Oncol Biol Phys), **12**: 807, 1986
- radiation response of human melanoma multicellular spheroids measured as single cell survival, growth delay, and spheroid cure: comparisons with the parent tumor xenograft, Rofstad EK; Wahl A; Brustad T, (Int J Radiat Oncol Biol Phys), 12: 975, 1986
- radiation survival of human mammary carcinoma cells: criteria for an agar-based clonogenic assay, Besch GJ; Tanner MA; Sattler CA; et al. (Int J Radiat Oncol Biol Phys), 12: 75, 1986

- radiobiological equivalence condition for radiotherapy regimes incorporating protective shielding of vulnerable normal organs, O'Donoghue J; Wheldon TE, (Br J Radiol), 59: 709, 1986
- radioresistant and repair proficient cells may determine radiocurability inhuman tumors, Weichselbaum RR, (Int J Radiat Oncol Biol Phys), 12: 637, 1986
- response of cells of human origin, normal and malignant, to acute and low dose rate irradiation, Hall EJ; Marchese MJ; Astor MB; et al, (Int J Radiat Oncol Biol Phys), 12: 655, 1986
- rnys), 12: 000, 1986
  response of human neuroblastoma and
  melanoma multicellular tumor spheroids
  (MTS) to single dose irradiation, Evans SM;
  Labs LM; Yuhas JM, (Int J Radiat Oncol Biol
  Phys), 12: 969, 1986
- tumor radioresponsiveness versus fractionation sensitivity, Thames HD; Suit HD, (Int J Radiat Oncol Biol Phys), 12: 687, 1986
- tumor size dependent changes in a murine fibrosarcoma: use of in vivo <sup>31</sup>P NMR for non-invasive evaluation of tumor metabolic status, Okunieff PG; Koutcher JA; Gerweck L; et al, (Int J Radiat Oncol Biol Phys), 12: 793, 1986
- Therapeutic radiology, in infants and children incidence of late endocrine dysfunction following irradiation for childhood medulloblastoma, Abayomi OK; Sadeghi-Nejad A, (Int J Radiat Oncol Biol Phys), 12: 945, 1986
- pediatric radiation oncology, Halperin EC, (Invest Radiol), 21: 429, 1986

# Therapeutic radiology, interstitial and intracavitary

- accuracy of the line and point source approximations in IR-192 dosimetry, Williamson JF, (Int J Radiat Oncol Biol Phys), 12: 409, 1986
- afterloaded applicator for the interstitial irradiation of brain tumours, Mantell B5; Klevenhagen SC; Afshar F, (Clin Radiol), 37: 35, 1986
- afterloading vaginal applicator, Biggs PJ; Wang CC; Gitterman MM, (Int J Radiat Oncol Biol Phys), 12: 247, 1986
- CF-252 neutron brachytherapy of short duration for bulky neck tumors, Maruyama Y; Beach JL, (Int J Radiat Oncol Biol Phys), 12: 761, 1986
- cholangiocarcinoma. a place for brachytherapy, Prempree T; Cox EF; Sewchand W; et al, (Radiology), 154: 286, 1985
- design and thermometry of an intracavitary microwave applicator suitable for treatment of some vaginal and rectal cancers, Li D; Luk KH; Jiang HB; et al, (Radiology), 157: 576, 1985
- dosimetry of CT-guided volumetric IR-192 brain implant, Abrath FG; Henderson SD; Simpson JR; et al., (Int J Radiat Oncol Biol Phys), 12: 359, 1986
- early experience with combined interstitial hyperthermia and brachytherapy, Dunlop PRC; Dickinson RJ; Hand JW; et al, (Br J kadiol), 59: 525, 1986
- effects of permanent 1-125 interstitial implantation on cortical bone, Mandell L; Nori D; Anderson L; et al, (Radiology), 157: 575, 1985
- endobronchial interstitial brachytherapy using a bronchofiberscope with a flexible injector system, Mittal BB; Matuschak G; Culpepper J, (Radiology), 152: 219, 1984
- endocavitary contact x-ray applicator system for the treatment of rectal carcinoma, Bramlet R; Tobochnik N; Sischy B, (Radiology), 156: 864, 1985
- experience with remote afterloading technique in intracavitary therapy, Leung PMK, (Radiology), 153: 863, 1984
- fundamental approach to the design of a doserate calculation program for use in brachytherapy planning, Cassell KJ, (Radiology), 151: 279, 1984
- hyperthermia induction with thermally selfregulated ferromagnetic implants, Lilly MB; Brezovich IA; Atkinson WJ, (Radiology), 154: 243, 1985
- implantation of brain tumors with Cf-252: use of computed tomography and magnetic resonance imaging to guide insertion and evaluate response. Maruyama Y; Chin HW; Young AB; Wang PC; Tibbs PA; Beach IL; Goldstein S, (Radiology), 152: 177, 1984

- improved control of primary vaginal tumours by combined external-beam and interstitial radiotherapy, MacNaught R; Symonds RP; Hole D; et al, (Clin Radiol), 37: 29, 1986
- improvement of the Botstein-Zacharopolous radiation applicator, Selim MA; Derda H; Neuman MR; et al, (Int J Radiat Oncol Biol Phys), 12: 251, 1986
- interstitial high dose-rate brachytherapy: principle, practice and first clinical experiences with a new remote-controlled afterloading system using Ir-192, Schulz U; Busch M; Bormann U, (Radiology), 155: 287, 1985
- interstitial <sup>125</sup>I implantation in the retreatment of retroperitoneal soft tissue sarcoma: report of a case, Kumar PP; Good RR, (Acta Radiol [Oncol]), 25: 37, 1986
- interstitial radiation: short-term palliation or curative therapy?, Whitmore WF Jr; Hilaris B; Batata M; et al, (Radiology), 156: 864, 1985
- interstitial radiation therapeutic techniques at Mount Vernon Hospital, Denham JW; Strickland P; Alderson AM; et al, (Radiology), 150: 870, 1984
- interstitial radiation therapy for hepatic metastases: sonographic guidance for applicator placement, Dritschilo A; Grant EG; Harter KW; et al, (AJR), 147: 275, 1986
- interstitial radiation therapy for squamous cel carcinoma of the tonsillar region: Creteil experience (1971–1981), Mazeron JJ; Lusinchi A; Marinello G; et al, (Int J Radiat Oncol Biol Phys), 12: 895, 1986
- interstitial radiotherapy of the base of the tongue: improved non-looping afterloading technique, Krithivas G; Feldman MI; Cail DL; Bricout PB; Reyes BL, (Radiology), 150: 601, 1984
- intracavitary cone system for electron beam therapy using a Therac 20 linear accelerator, Wilson DL; Sharma SC; Jose B, (Int J Radiat Oncol Biol Phys), 12: 1007, 1986
- intracavitary dosimetry of a high-activity remote loading device with oscillating source, Arcovito G; Piermattei A; D'Abramo G; et al, (Radiology), 156: 864, 1985
- intraoperative interstitial implantation of iridium 192 in the breast, Mansfield CM; Jewell WR, (Radiology), **150**: 600, 1984
- <sup>192</sup>Ir nomogram system for single plane implants, Murphy DJ Jr; Memula N; Doss LL, (Int J Radiat Oncol Biol Phys), 12: 267, 1986
- modified Selectron vaginal applicator, Thomas R; Corner GA; Watson ER, (Br J Radiol), 59: 397, 1986
- physical dosimetry of <sup>125</sup>I seeds of a new design for interstitial implant, Ling CC; Yorke ED; Spiro IJ; et al, (Radiology), 153: 864, 1984
- rectal monitor for use with afterloading intracavitary radioactive implants, Davies ML; Clack FJ; Harris JK, (Radiology), 156: 822, 1985
- results of intracavitary radium treatment for adenocarcinoma of the body of the uterus, Iones DA; Stout R, (Clin Radiol), 37: 169, 1986
- role of brachytherapy in the management of desmoid tumors, Assad WA; Nori D; Hilaris BS; et al, (Int J Radiat Oncol Biol Phys), 12: 901, 1986
- role of point A in the era of computerized dosimetry, Potish RA; Gerbi BJ, (Radiology), 158: 827, 1986
- squamous-cell carcinoma of the tongue: preoperative interstitial radium and external irradiation. part I: local and regional control, Vermund H; Brennhovd IO; Kaalhus O; Poppe E, (Radiology), 151: 499, 1984
- squamous-cell carcinoma of the tongue: preoperative interstitial radium and external irradiation. part II: survival, Vermund H; Brennhovd IO; Kaalhus O; Poppe E, (Radiology), 151: 505, 1984
- temperature measurements in high thermal gradients: I. effects of conduction, Lyons BE; Samulski TV; Britt RH, (Radiology), 157: 576, 1985

temperature measurements in high thermal gradients: II. analysis of conduction effects, Samulski TV; Lyons BE; Britt RH, (Radiology), 157: 576, 1985

# Therapeutic radiology, intraoperative

- design and dosimetric properties of an intraoperative radiation therapy system using an orthovoltage x ray unit, Piontek RW; Kase KR, (Int J Radiat Oncol Biol Phys), 12: 255, 1986
- intraoperative radiation therapy at the National Cancer Institute: technical innovations and dosimetry, Fraass BA; Miller RW, Kinsella TJ; et al, (Radiology), 158: 576, 1986
- intraoperative US as an aid to intraoperative electron beam radiation therapy, Schoenecker SA; Mack LA; Russell AH; Cyr DR; Shuman WP; Lennard ES; Monţana MA, (Radiology), 160: 251, 1986
- orthovoltage intraoperative radiotherapy: new look at an old idea, Rich TA; Cady B; McDermott WV; et al, (Radiology), 156: 572,

#### Therapeutic radiology, nutrition

energy and protein intake and nutritional status in non-surgically treated patients with small cell anaplastic carcinoma of the lung. Enig B; Winther E; Hessov I, (Acta Radiol [Oncol]), 25: 19, 1986

# Therapeutic radiology, photons

results of a randomised trial of mixed-schedule (neutron/photon) irradiation in the treatment of supratentorial grade III and grade IV astrocytoma, Duncan W; McLelland J; Jack WIL; et al, (Br J Radiol), 59: 379, 1986

# Therapeutic radiology, physics

- beam data requirements of the Clinac 4 for three-dimensional treatment planning with wedged fields, Lam WC; Lam KS, (Radiology), 153: 863, 1984
- calculation and prescription of dose for total body irradiation, Galvin JM, (Radiology), 153: 863, 1984
- calculation of dose distributions for iridium-192 implants, Welsh AD; Dixon-Brown A; Stedeford JBH, (Radiology), **152**: 271, 1984
- electron contamination of large cobalt 60 photon beams, Sutcliffe JF; Innes GS, (Radiology), 151: 838, 1984
- exit dose studies in megavoltage photon therapy, Lambert GD; Liversage WE; Hirst AM; et al, (Radiology), **151**: 839, 1984
- magna-field irradiation: physical considerations, Van Dyk J, (Radiology), 153: 864, 1984
- measurements of dose from secondary radiation outside a treatment field, Kase KR; Svensson GK; Wolbarst AB; et al, (Radiology), 151: 839, 1984
- modification of a standard cobalt-60 unit for total body irradiation at 150 cm SSD, Peters VG; Herer AS, (Radiology), 155: 288, 1985
- new ruthenium radiosensitizer: RuCl<sub>2</sub>(DMSO)<sub>2</sub>(4-nitroimidazole)<sub>2</sub>, Chan PKL; Skov KA; James BR; et al, (Int J Radiat Oncol Biol Phys), **12**: 1059, 1986
- oxygen depletion in irradiated aqueous solutions containing electron affinic hypoxic cell radiosensitizers, Michaels HB, (Int J Radiat Oncol Biol Phys), 12: 1055, 1986
- scatter dose summation for irregular fields: speed and accuracy study, DeWyngaert JK; Siddon RL; Bjarngard BE, (Int J Radiat Oncol Biol Phys), 12: 839, 1986
- technique to match mantle and para-aortic fields, Lutz WR; Larsen RD, (Radiology), 153: 864, 1984
- tissue-air ratios for cobalt 60 therapy units, Vatnitskij SM; Aalto PK; Rannikko SJ, (Radiology), **151**: 837, 1984

# Therapeutic radiology, postoperative

- breast cancer: postoperative radiation therapy, del Regato JA, (Radiology), 157: 267, 1985
- chordoma: role of radiation therapy, Amendola BE; Amendola MA; Oliver E; McClatchey KD, (Radiology), **158**: 839, 1986
- definitive radiotherapy following prostatectomy: results and complications, Forman JD; Wharam MD; Lee DJ; et al, (Int J Radiat Oncol Biol Phys), 12: 185, 1986

# Therapeutic radiology, postoperative

- electron arc therapy: physical measurement and treatment planning techniques, Leavitt DD; Peacock LM; Gibbs FA Jr; et al, (Radiology), 157: 576, 1985
- human cancer natural history, radiation induced immunodepression and post-operative radiation therapy, Tubiana M; Arriagada R; Sarrazin D, (Int J Radiat Oncol Biol Phys), 12: 477, 1986
- ovarian cancer: contribution of radiation therapy to patient management. Erskine Memorial Lecture, 1983, Bush RS, (Radiology), **153**: 17, 1984
- pediatric neuroblastoma: postoperative radiation therapy using less than 2000 rad, Jacobson HM; Marcus RB Jr; Thar TL; et al, (Radiology), 153: 273, 1984
- radiation therapy in operable breast cancer: results from the Stockholm trial on adjuvant radiotherapy, Wallgren A; Arner O; Bergstrom J; et al, (Int J Radiat Oncol Biol Phys), 12: 533, 1986
- squamous-cell carcinoma of the tongue: preoperative interstitial radium and external irradiation. part I: local and regional control, Vermund H; Brennhovd IO; Kaalhus O; Poppe E, (Radiology), 151: 499, 1984
- squamous-cell carcinoma of the tongue: preoperative interstitial radium and external irradiation. part II: survival, Vermund H; Brennhowd IO; Kaalhus O; Poppe E, (Radiology), 151: 505, 1984

# Therapeutic radiology, preoperative

- fractionation of whole body irradiation before bone marrow transplantation for patients with leukaemia, Goolden AWG; Golman JM; Kam KC; et al, (Radiology), 151: 837, 1984
- preoperative irradiation with high-dose fractionation in adenocarcinoma of the rectum and rectosigmoid, Glimelius B; Graffman S; Pahlman L; et al, (Radiology), 150: 871, 1984
- squamous-cell carcinoma of the tongue: preoperative interstitial radium and external irradiation. part I: local and regional control, Vermund H; Brennhovd IO; Kaalhus O; Poppe E, (Radiology), 151: 499, 1984
- squamous-cell carcinoma of the tongue: preoperative interstitial radium and external irradiation. part II: survival, Vermund H; Brennhovd IO; Kaalhus O; Poppe E, (Radiology), 151: 505, 1984

# Therapeutic radiology, quality assurance

quality control of linear accelerator performance using semiconductor probes, Dale RG, (Radiology), 155: 834, 1985

# Therapeutic radiology, technology

- advances in linear accelerator design for radiotherapy, Karzmark CJ, (Radiology), 153: 862, 1984
- beam alignment device for matching fields, Buck BA; Siddon RL; Svensson GK, (Radiology), **157**: 576, 1985
- beam width improving device for a 25 MV x ray beam, Biggs PJ; Shipley WU, (Int J Radiat Oncol Biol Phys), **12**: 131, 1986
- causes and consequences of inhomogeneous dose distributions in radiation therapy, Goitein M, (Int J Radiat Oncol Biol Phys), 12:
- characteristics of an MM 22 medical microtron 21 MV photon beam, George RE; Hartson Eaton M, (Radiology), 157: 576, 1985
- concentrations achieved in human tumors oncentrations achieved in numan tumors after administration of misonidazole, SR-2508 and RO 03-8799, Dische S; Saunders MI; Dunphy EP; et al, (Int J Radiat Oncol Biol Phys), 12: 1109, 1986
- conformation therapy: method of improving the tumour treatment volume ratio, Tate T; Brace JA; Morgan H; et al, (Clin Radiol), 37:
- dose distribution in total skin electron beam irradiation using the six-field technique, Niroomand-Rad A; Gillin MT; Komaki R; et al, (Int J Radiat Oncol Biol Phys), 12: 415, 1986
- dose optimization with computer-controlled gantry rotation, collimator motion and dose-rate variation, Chin LM; Kijewski PK; Svensson GK; et al, (Radiology), **151**: 279,
- dosimetric aspects of radiolabeled antibodies for tumor therapy, Humm JL, (J Nucl Med), 27: 1490, 1986

- dosimetry of rotational photon fields with gravity-oriented eye blocks, Engler MJ; Herskovic AM; Proimos BS, (Radiology), 154: 288, 1985
- electron arc therapy: physical measurement and treatment planning techniques, Leavitt DD; Peacock LM; Gibbs FA Jr; et al, (Radiology), 157: 576, 1985
- endobronchial interstitial brachytherapy using a bronchofiberscope with a flexible injector system, Mittal BB; Matuschak G; Culpepper J, (Radiology), 152: 219, 1984
- evaluation of the effects of photoradiation Manual of the effects of photoraulation therapy on brain tumors with in vivo P-31 MR spectroscopy, Naruse 5; Horikawa Y; Tanaka C; Higuchi T; Sekimoto H; Ueda S; Hirakawa K, (Radiology), **160**: 827, 1986
- Ewing's sarcoma: trial of adjuvant chemotherapy and sequential half-body irradiation, Berry MP; Jenkin RDT; Harwood AR; et al, (Int J Radiat Oncol Biol Phys), 12: 19, 1986
- facing fearful odds—conference summary, Hall EJ, (Int J Radiat Oncol Biol Phys), **12**: 1023, 1986
- flatness and calibration monitor for accelerator photon and electron beams, Martell E; Galbraith D; Munro P; et al, (Int J Radiat Oncol Biol Phys), 12: 271, 1986
- Fletcher-Suit-Delclos gynecologic applicator: evaluation of a new instrument, Haas JS; Dean RD; Mansfield CM, (Radiology), **151**:
- fundamental approach to the design of a dose-rate calculation program for use in brachytherapy planning, Cassell KJ, (Radiology), **151**: 279, 1984
- hypofractionated radiotherapy for sarcomas, Ashby MA; Ago CT; Harmer CL, (Int J Radiat Oncol Biol Phys), 12: 13, 1986
- mailable TLU system for photon and electron therapy beams, Kirby TH; Hanson WF; Gastorf RJ; et al, (Int J Radiat Oncol Biol Phys), 12: 261, 1986
- medulloblastoma therapy using electron beams, Vijayakumar S; Muller-Runkel R, (Radiology), 157: 541, 1985
- once-a-week lower hemibody irradiation (HBI) for metastatic cancers, Nag S; Shah V, (Int J Radiat Oncol Biol Phys), 12: 1003, 1986
- perfluorochemicals and hyperbaric oxygen in radiation therapy, Fischer JJ; Rockwell S; Martin DF, (Int J Radiat Oncol Biol Phys), 12: 95, 1986
- phase I study of mixed (neutron and photon) irradiation using two fractions per day in the treatment of high-grade astrocytomas, Duncan W; McLelland J; Davey P; et al., (Br J Radiol), 59: 441, 1986
- phase I study of the combination of two hypoxic cell radiosensitizers, Ro 03-8799 and SR-2508: toxicity and pharmacokinetics, Newman HFV; Bleehen NM; Workman P, (Int J Radiat Oncol Biol Phys), 12: 1113, 1986
- phase I trial of the hypoxic cell radiosensitizer SR-2508: results of the five to six week drug Schedule, Coleman CN; Wasserman TH; Urtasun RC; et al, (Int J Radiat Oncol Biol Phys), 12: 1105, 1986
- pion treatment procedures and verification techniques, Zink SR; Bush SE; Gilman CJ; et al, (Radiology), 155: 287, 1985
- radiosensitization of hypoxic cells at low doses, Skarsgard LD; Harrison I; Durand RE; et al, (Int J Radiat Oncol Biol Phys), 12: 1075, 1986
- radiotherapy employing three fractions in each day over a continuous period of 12 days, Saunders MI; Dische S, (Br J Radiol), 59: 523, 1986
- rectal monitor for use with afterloading intracavitary radioactive implants, Davies ML; Clack FJ; Harris JK, (Radiology), 156: 822, 1985
- regional lung function impairment following post-operative radiotherapy for breast cancer using direct or tangential field techniques, Groth S; Zaric A; Sorenson PB; et al, (Br J Radiol), 59: 445,
- sensitizers and radiation dose fractionation: results and interpretations, Hill RP, (Int J Radiat Oncol Biol Phys), 12: 1049, 1986

- solid tumor models for the assessment of olid tumor models for the assessment of different treatment modalities: XXV. comparison of the effect of one radiation fraction per day with multiple fractions per day (MFD) given either continuously or intermittently on tumor response and normal tissue reaction, Looney WB; Hopkins HA, (Int J Radiat Oncol Biol Phys), 12: 203. 1986 12: 203, 1986
- special report, the stereotactic radiosurgery unit in Sheffield, Bradshaw JD, (Clin Radiol), 37: 277, 1986
- synergism between hyperthermia and ionising radiation, Holt JAC; Stanford RW, (Br J Radiol), **59**: 795, 1986
- thiol-induced biochemical modification of chemo- and radioresponses, Clark EP, (Int J Radiat Oncol Biol Phys), 12: 1121, 1986
- transperineal <sup>125</sup>iodine seed implantation in prostatic cancer guided by transrectal ultrasonography, Holm HH; Juul N; Pedersen JF; et al, (Radiology), **151**: 837, 1984
- treatment of advanced head and neck cancer with accelerated fractionation, Gray AJ, (Int J Radiat Oncol Biol Phys), 12: 9, 1986
- is adiato (into 1861 Filys), 22 9, 1900 use of selectron afterloading equipment to simulate and extend the Manchester system for intracavitary therapy of the cervix uteri, Wilkinson JM; Moore CJ; Notley HM; et al, (Radiology), 151: 836, 1984
- versatile permanent planar implant technique utilizing iodine-125 seeds imbedded in Gelfoam, Marchese MJ; Nori D; Anderson LL; et al. (Radiology), 155: 287,
- vicryl carrier for I-125 seeds: percutaneous transperineal insertion, Kumar PP; Good RR, (Radiology), **159**: 276, 1986
- 90yttrium antiferritin—new therapeutic radiolabeled antibody, Order SE; Klein JL; Leichner PK; et al. (Int J Radiat Oncol Biol Phys), 12: 277, 1986

# Therapeutic radiology, treatment planning See Treatment planning

# Thermography

- breast imaging: pitfalls, controversies, and some practical thoughts, Homer MJ, (Radiol Clin North Am), 23: 459, 1985
- thermography and the sensory dermatome, Ash CJ; Shealy CN; Young PA; et al, (Skeletal Radiol), **15**: 40, 1986
- varicoceles: combined sonography and thermography in diagnosis and posttherapeutic evaluation, Hamm B; Fobbe F; Sorensen R; Felsenberg D, (Radiology), 160: 419, 1986

# Thermography, liquid crystal

temporal variations of temperature of the breast by cholesteric liquid crystal contact plate thermography, Borten M; Dileo LA; Friedman EA, (Radiology), **150**: 856, 1984

# Thigh, US studies

ultrasonic confirmation of a thigh abscess, Beckman CRB; Thomason JL; Sampson MB; et al, (Radiology), **156**: 569, 1985

# Thoracic duct

- subcutaneous lymphocele following trauma to the thoracic duct, Saibil EA; Howard BA; McKee JD; et al, (J Canad Assoc Radiol), 37: 213, 1986
- thoracic duct cyst: diagnosis with needle aspiration, Morettin LB; Allen TE, (Radiology), 161: 437, 1986
- thoracic duct opacification for CT scanning, Day DL; Warwick WJ, (AJR), 144: 403, 1985

#### Thoracocentesis

value of chest ultrasonography versus decubitus roentgenography for thoracentesis, Kohan JM; Poe RH; Israel RH; et al, (Radiology), 161: 574, 1986

# Thoracolumbar fractures

See Spine, fractures

# Thorax

- See also Bronchi; Heart; Lung; Mediastinum;
- glossary of terms for thoracic radiology: recommendations of the Nomenclature Committee of the Fleischner Society, Tuddenham WJ, (AJR), 143: 509, 1984
- iatrogenic thoracic complications, Herman PC, ed, Reviewed by Armstrong P, (Radiology), 151: 354, 1984

- lateral chest radiograph in the assessment on nonpulmonary health and disease, Austin JHM, (Radiol Clin North Am), 22: 687, 1984
- localized amyloidosis of the head and neck localized amyloidosis of the head and neck and upper aerodigestive and lower respiratory tracts, Simpson GT II; Strong MS; Skinner M; et al, (Radiology), 155: 282, 1985 nonpulmonary abnormalities recognizable in pediatric chest radiographs, Dunbar JS, (Radiol Clin North Am), 22: 723, 1984
- radiologic appearance of compromised thoracic catheters, tubes, and wires, Dunbar RD, (Radiol Clin North Am), 22: 699, 1984
- o57, 1764 thoracic findings in gastrointestinal pathology, Gedgaudas-McClees RK; Torres WE; Colvin RS; et al, (Radiol Clin North Am), 22: 563, 1984
- thoracic manifestations of neurocutaneous diseases, Aughenbaugh GL, (Radiol Clin North Am), 22: 741, 1984
- thoracic radiographic changes after systemic hyperthermia for advanced cancer, Stark P; Guthrie AM; Bull J, (Radiology), **154**: 55,

#### Thorax, abnormalities

- central bronchial displacement with large posterior pleural collections. findings on the lateral chest radiograph and CT scans, Proto AV; Merhar GL, (Radiology), 155: 270, 1985
- complementary roles of ultrasound and plain film radiography in differentiating pediatric chest abnormalities, Rosenberg HK, (Radiographics), 6: 427, 1986
- extrapleural fat prolapse mimicking recurrent bronchogenic carcinoma, Sullivan WT, (CT), 10: 277, 1986
- pectus excavatum in children: pulmonary scintigraphy before and after corrective surgery, Blickman JG; Rosen PR; Welch KJ; Papanicolaou N; Treves ST, (Radiology), 156: 781, 1985
- thoracic splenosis, Moncada R; Williams V; Fareed J; et al, (AJR), 144: 705, 1985

#### Thorax, anatomy

thoracic venous anatomy, Godwin JD; Chen JTT, (AJR), 147: 674, 1986

# Thorax, biopsy

- Carney's triad: role of transthoracic needle biopsy, Messina MS; Sampson MG; Chumas J; et al, (Radíology), **151**: 544, 1984
- CT assistance for fluoroscopically guided transihoracic needle aspiration biopsy, Cohan RH; Newman GE; Braun SD; et al, (JCAT), 8: 1093, 1984
- sonographically guided needle biopsy for diagnosis of thoracic lesions, Ikezoe J; Sone S; Higashihara T; et al. (AJR), 143: 229, 1984
- thoracic biopsy: CT guidance of thin-needle aspiration, Gobien RP; Stanley JH; Vujic I; et al, (AJR), 142: 827, 1984
- timing of chest film follow-up after transthoracic needle aspiration, Perlmutt LM; Braun SD; Newman GE; et al, (AJR), 146: 1049, 1986

# Thorax, compression

diagnosis and management of thoracic outlet syndrome, Stallworth JM; Horne JB, (Radiology), 155: 848, 1985

# Thorax, CT

- abnormalities of the azygo-oesophageal recess at compute tomography, Lund G; Lien HH, (Radiology), 151: 271, 1984
- accuracy of chest computerized tomography in detecting malignant hilar and mediastinal involvement by squamous cell carcinoma of the lung "rederick HM; Bernardino ME; Baron M; et al, (Radiology), 156: 280, 1985
- computed tomographic evaluation of the thoracic prevertebral and paravertebral spaces, Kittredge RD, (Radiology), 151: 554, 1984
- computed tomography evaluation of primary and secondary sternal neoplasms, Shin MS; Berland LL; Ho K-J, (CT), 10: 27, 1986
- computed tomography in 100 cases of bronchogenic carcinoma, Xue-zeng S; Guo-zhen X, (Radiology), 155: 283, 1985
- computed tomography of hilar cholangiocarcinoma: new sign, Carr DH; Hadjis NS; Banks LM; et al, (AJR), **145**: 53,
- computed tomography of invasive pleural mesothelioma, Shin MS; Bailey WC, (Radiology), **152**: 560, 1984

- computed tomography of the sternum and its articulations, Hatfield MK; Gross BH; Glazer GM; et al, (Radiology), **154**: 568, 1985
- computerized tomography evaluation of chest wall involvement in lymphoma, Cho CS; Blank N; Castellino RA, (Radiology), 157:
- concepts in computed tomography of the thorax, Chasen MH; McCarthy MJ; Gilliland JD; Floyd JL, (Radiographics), 6: 793, 1986
- controversies in computed tomography of the thorax: pulmonary nodule—lung cancer staging, Zerhouni EA; Stitik FP, (Radiol Clin North Am), 23: 407, 1985
- CT demonstration of empyema necessitatis, Bhatt GM; Austin HM, (JCAT), 9: 1108, 1985
- CT differentiation of pleural effusion from ascites: evaluation of four signs using blinded analysis of 52 cases, Halvorsen RA Jr; Fedyshin PJ; Korobkin M; et al, (Invest Radiol), 21: 391,
- CT differentiation of thoracic aortic aneurysms from pulmonary masses adjacent to the mediastinum, Miller GA Jr; Heaston DK; Moore AV Jr; et al, (Radiology), 154: 858,
- CT evaluation of thoracic infections after major trauma, Mirvis SE; Rodriguez A; Whitley NO; et al, (AJR), 144: 1183, 1985
- CT of the thorax: pitfalls in interpretation, Proto AV; Rost RC Jr, (Radiographics), 5: 693 1985
- cystic fibrosis: comparison of computed tomography and plain chest radiographs, Jacobsen LE; Houston CS; Habbick BF; et al, (J Canad Assoc Radiol), 37: 17, 1986
- diagnosis of emphysema: computed tomographic-pathologic correlation, Bergin CJ; Muller NL; Nichols DM; et al, (Radiology), 160: 856, 1986
- evaluation of a chest phantom for CT nodule densitometry, de Geer G; Gamsu G; Cann CE; et al, (AJR), 147: 21, 1986
- extrapleural fat prolapse mimicking recurrent bronchogenic carcinoma, Sullivan WT, (CT), 10: 277, 1986
- Hodgkin disease: contributions of chest CT in the initial staging evaluation, Castellino RA; Blank N; Hoppe RT; Cho C, (Radiology), 160: 603, 1986
- intrafissural fat: CT correlation with chest radiography, Gale ME; Greif WL, (Radiology), 160: 333, 1986
- magnetic resonance imaging of the normal and abnormal pulmonary hila, Webb WR; Gamsu G; Stark DD; Moore EH, (Radiology), 152: 89, 1984
- magnetic resonance of the chest: initial agnetic resonance of the chest: initial experience with imaging and in vivo T1 and T2 calculations, Ross JS; O'Donovan PB; Novoa R; Mehta A; Buonocore E; MacIntyre WJ; Golish JA; Ahmad M, (Radiology), 152: 95, 1984
- midline sternal foramen: CT demonstration, Stark P, (JCAT), 9: 489, 1985
- multisection sagittal and coronal magnetic resonance imaging of the mediastinum and hila, Webb WR: Gamsu G; Crooks LE, (Radiology), 150: 475, 1984
- narrow superior mediastinum and pseudomasses: CT features, Jardin M; Lemaitre L; Remy J, (JCAT), 10: 603, 1986
- pain in the hand in the presence of mediastinal mass, Hicks IP; Carr DH, (Br J Radiol), 59: 77, 1986
- role of chest CT in non-Hodgkin lymphoma, Khoury MB; Godwin JD; Halvorsen RA Jr; Hanun Y; Putman CE, (Radiology), 158: 659,
- tomography, and gallium scanning to metastasis of lung carcinoma, Friedman PJ; Feigin DS; Liston SE; et al, (Radiology), 155: 847, 1985
- superior sinus of the pericardium: CT appearance, Aronberg DJ; Peterson RR; Glazer HS; Sagel SS, (Radiology), 153: 489,
- superior vena caval obstruction: detection using CT, Bechtold RE; Wolfman NT; Karstaedt N; Choplin RH, (Radiology), 157:
- thoracic wall involvement by Hodgkin disease and non-Hodgkin lymphoma: CT evaluation, Press GA; Glazer HS; Wasserman TH; Aronberg DJ; Lee JKT; Sagel SS, (Radiology), 157: 195, 1985

- transient thoracic venous collaterals: incidental CT finding, Gerard PS; Lefkovitz Z; Golbey SH; et al, (JCAT), 10: 75,
- use of computed tomography in evaluating chest wall pathology, Leitman BS; Firooznia H; McCauley DI; et al, (Radiology), 152: 560, 1984

#### Thorax, cysts

- nitrathoracic extramediastinal cystic hygroma, Pike MG; Wood AJ; Corrin B; et al, (Radiology), **153**: 274, 1984
- spontaneous radiographic resolution of malignant and benign cysts, Shin MS; Ho K-J, (CT), 10: 99, 1986

#### Thorax, diseases

radiologic aspects of intrathoracic sarcoidosis, Berkmen YM, (Semin Roentgenol), 20: 356,

#### Thorax, injuries

- CT evaluation of thoracic infections after major trauma, Mirvis SE; Rodriguez A; Whitley NO; et al, (AJR), 144: 1183, 1985
- mediastinal-width/chest-width ratio in blunt chest trauma: a reappraisal, Marnocha KE; Maglinte DDT; Woods J; et al, (AJR), 142: 275, 1984
- myocardial dysfunction following blunt chest trauma, Harley DP; Mena I; Miranda R; et al, (Radiology), **152**: 269, 1984
- oblique rib views after blunt chest trauma: an unnecessary routine?, Danher J; Eyes BE; Kumar K, (Radiology), 156: 262, 1985
- plain-film criteria for excluding aortic rupture in blunt chest trauma, Marnocha KE; Maglinte DDT, (AJR), 144: 19, 1985
- posttraumatic tension pneumopericardium: "small heart" sign, Mirvis SE; Indeck M; Schorr RM; Diaconis JN, (Radiology), 158: 663, 1986
- quantitative texture analysis of twodimensional echocardiography: application to the diagnosis of experimental myocardial contusion, Skorton DJ; Collins SM; Nichols J; et al., (Radiology), 151: 831, 1984
- traumatic pulmonary artery aneurysm: CT evaluation, Crivello MS; Hayes C; Thurer RL; et al, (JCAT), 10: 503, 1986
- ventricular septal defect due to blunt chest trauma, Olivier LR; Rossouw DS; De Villiers SJ; et al, (Radiology), **150**: 287, 1984

#### Thorax, MR studies

- comparison of respiratory triggering and gating techniques for the removal of respiratory artifacts in MR imaging, Lewis CE; Prato FS; Drost DJ; Nicholson RL, (Radiology), 160: 803, 1986
- coronal magnetic resonance imaging of the chest: normal and abnormal, Webb WR; Jensen BG; Gamsu G; Sollitto R; Moore EH, (Radiology), 153: 729, 1984
- diagnosis of congenital absence of left pericardium by MR imaging, Gutierrez FR; Shackelford GD; McKnight RC; et al, (JCAT), 9: 551, 1985
- effect of motion on two-dimensional Fourier transformation magnetic resonance images, Schultz CL; Alfidi RJ; Nelson AD; Kopiwoda SY; Clampitt ME, (Radiology), 152: 117, 1984
- magnetic resonance imaging of mediastinal and hilar masses: comparison with CT, Levitt RG; Glazer HS; Roper CL; et al, (AJR), 145: 9, 1985
- magnetic resonance imaging of the hila and mediastinum, Webb WR, (Cardiovasc Intervent Radiol), 8: 306, 1986
- magnetic resonance imaging of the normal and abnormal pulmonary hila, Webb WR; Gamsu G; Stark DD; Moore EH, (Radiology), 152: 89, 1984
- magnetic resonance imaging of the pediatric thorax: initial experience, Laurin S; Williams JL; Fitzsimmons JR, (Eur J Radiol),
- magnetic resonance imaging of the thorax, Cohen AM, (Radiol Clin North Am), 22: 829,
- magnetic resonance imaging of the thorax: advantages of coronal and sagittal planes O'Donovan PB; Ross JS; Sivak ED; et al, (AJR), 143: 1183, 1984
- magnetic resonance imaging of the thorax in childhood, Brasch RC; Gooding CA; Lallemand DP; Wesbey GE, (Radiology), 150: 463, 1984

- magnetic resonance imaging with respiratory gating: techniques and advantages, Ehman RL; McNamara MT; Pallack M; et al, (AJR), 143: 1175, 1984
- magnetic resonance of the chest: initial agnetic resonance of the chest: initial experience with imaging and in vivo T1 and T2 calculations, Ross JS; O'Donovan PB; Novoa R; Mehta A; Buonocore E; MacIntyre WJ; Golish JA; Ahmad M, (Radiology), 152: 95, 1984
- MRI evaluation of mediastinal and thoracic inlet venous obstruction, Weinreb JC; Mootz A; Cohen JM, (AJR), **146**: 679, 1986
- multisection sagittal and coronal magnetic resonance imaging of the mediastinum and hila, Webb WR; Gamsu G; Crooks LE, (Radiology), 150: 475, 1984
- radiation fibrosis: differentiation from diation fibrosis: differentiation from recurrent tumor by MR imaging; work in progress, Glazer HS; Lee JKT; Levitt RG; Heiken JP; Ling D; Totty WG; Balfe DM; Emani B; Wasserman TH; Murphy WA, (Radiology), 156: 721, 1985
- sagittal MR imaging of the chest: normal and abnormal, Webb WR; Jensen BG; Gamsu G; et al, (JCAT), 9: 471, 1985
- tracheobronchial tree and pulmonary arteries: MR imaging using electronic axial rotation, Ross JS; O'Donovan PB; Paushter DM, (Radiology), 160: 839, 1986

#### Thorax, neoplasms

- accuracy of chest computerized tomography in detecting malignant hilar and mediastinal involvement by squamous cell carcinoma of the lung, Frederick HM; Bernardino ME; Baron M; et al, (Radiology), 156: 280, 1985
- chest wall tumors: experience with 100 consecutive patients, Pairolero PC; Arnold PG, (Radiology), 159: 569, 1986
- computed tomography evaluation of primary and secondary sternal neoplasms, Shin MS; Berland LL; Ho K-J, (CT), 10: 27, 1986
- computed tomography in 100 cases of bronchogenic carcinoma, Xue-zeng S; Guo-zhen X, (Radiology), 155: 283, 1985
- computed tomography of hilar cholangiocarcinoma: new sign, Carr DH; Hadjis NS; Banks LM; et al, (AJR), **145**: 53,
- coronal magnetic resonance imaging of the chest: normal and abnormal, Webb WR; Jensen BG; Gamsu G; Sollitto R; Moore EH, (Radiology), 153: 729, 1984
- intrathoracic desmoid tumor in a child, Krause LM; Schey WL; Bassuk A; et al, (Radiology), 156: 274, 1985
- intrathoracic manifestations of lymphoma, Khan A; Herman PG, (Semin US CT MR), 7: 18, 1986
- intrathoracic metastasis from an extrathoracic malignancy: radiographic approach to patient evaluation, Chiles C, Ravin CE, (Radiol Clin North Am), 23: 427, 1985
- large unilateral chest tumors in children, Cumming WA; Sabbah R, (Radiology), **159**: 576, 1986
- low-attenuation thoracic metastases in testicular malignancy, Yousem DM; Scatarige JC; Fishman EK; et al, (AJR), 146: 291, 1986
- magnetic resonance imaging of mediastinal and hilar masses: comparison with CT, Levitt RG; Glazer HS; Roper CL; et al, (AJR), 145: 9, 1985
- magnetic resonance of the chest: initial experience with imaging and in vivo T1 and T2 calculations, Ross JS; O'Donovan PB; Novoa R; Mehta A; Buonocore E; MacIntyre WJ; Golish JA; Ahmad M, (Radiology), **152**: 95, 1984
- malignant thoracopulmonary small-cell ("Askin") tumor, Fink IJ; Kurtz DW; Cazenave L; et al, (AJR), **145**: 517, 1985
- multisection sagittal and coronal magnetic resonance imaging of the mediastinum and hila. Webb WR: Gamsu G; Crooks LE, (Radiology), 150: 475, 1984
- oblique hilar tomography and mediastinoscopy: a correlative prospective study in 100 patients with bronchogenic carcinoma, Khan F. Khan FA; Garvey J; et al, (Radiology), 155: 547, 1985
- radiation-induced sarcomas of the chest wall, Souba WW; McKenna RJ Jr; Meis J; et al, (Radiology), 160: 857, 1986

- subcarinal lymph node enlargement: radiographic findings and CT correlation, Muller NL; Webb WR; Gamsu G, (AJR), 145: 15, 1985
- thoracic roentgenologic manifestation in primary carcinoma of the liver, Tsai G-L; Liu J-D; Siauw C-P; et al, (Radiology), 155: 547,
- unusual thoracoabdominal sites of metastases in testicular tumors, Husband JE; Bellamy EA, (AJR), 145: 1165, 1985

#### Thorax, radiography

- "aortic nipple" as a sign of impending superior vena caval syndrome, Carter MM; Tarr RW; Mazer MJ; et al, (Radiology), 157: 848, 1985
- aortopulmonary window lesions: detection with chest radiography, Jolles PR; Shin MS; Jones WP, (Radiology), 159: 647, 1986
- apical opacity: normal finding on posteroanterior chest radiographs, Proto AV; Chaliff MI, (Radiology), 161: 429, 1986
- central bronchial displacement with large posterior pleural collections, findings on the lateral chest radiograph and CT scans, Proto AV; Merhar GL, (Radiology), 155: 270,
- chest radiographs obtained with shaped filters: evaluation by observer performance tests, Kelsey CA; Lane RG; Moseley RD; Mettler FA Jr; Rosenberg RD; Williams AG; Garcia JF; Feldman BS; Boardman RE, (Radiology), 159: 653, 1986
- chest radiography in the follow-up of breast cancer, Hietanen P, (Acta Radiol [Oncol]), 25: 15, 1986
- complementary roles of ultrasound and plain film radiography in differentiating pediatric chest abnormalities, Rosenberg HK, (Radiographies), 6: 427, 1986
- (kadiographys, 6, 42), 1700 cystic fibrosis: comparison of computed tomography and plain chest radiographs, Jacobsen LE; Houston CS; Habbick BF; et al, (J Canad Assoc Radiol), 37: 17, 1986
- detailed study of radiation dose and radiographic technique during chest radiography, Faulkner K; Gordon MDH; Miller J, (Br J Radiol), 59: 245, 1986
- digital and conventional chest images: observer performance with film digital radiography system, Goodman LR; Foley WD; Wilson CR; Rimm AA; Lawson TL, (Radiology), 158: 27, 1986
- digital and conventional chest imaging: igital and conventional chest imaging: modified ROC study of observer performance using simulated nodules, Chakraborty DP; Breatnach ES; Yester MV; Soto B; Barnes GT; Fraser RG, (Radiology), 158: 35, 1986
- digital beam attenuator technique for gital beam attenuator technique for compensated chest radiography, Hasegawa BH; Naimuddin S; Dobbins JT III; Mistretta CA; Peppler WW; Hangiandreou NJ; Cusma JT; McDermott JC; Kudva BV; Melbye KM, (Radiology), 159: 527
- digital chest radiography: performance evaluation of a prototype unit, Barnes GT; Sones RA; Tesic MM, (Radiology), **154**: 801,
- digital projection radiography of the chest, Kundel HL, (Radiology), **158**: 274, 1986
- Kuntuer Hz, (katalology), 198; 274, 1986 digital radiographic imaging system with multiple-slit scanning x-ray beam: preliminary report, Doi K; Fujita H; Ohara K; Ono K; Matsui H; Giger ML; Chan H-P, (Radiology), 161: 513, 1986
- digital radiography of subtle pulmonary abnormalities: ROC study of the effect of pixel size on observer performance, MacMahon H, Vyborny CJ; Metz CE; Doi K; Sabeti V; Solomon SL, (Radiology), 158: 21,
- digital radiography of the chest: clinical experience with a prototype unit, Fraser RG; Breatnach E; Barnes GT, (Radiographics), 5:
- discordance between chest x-ray and gallium scan, Tiu S; Kramer EL; Sanger JJ; et al, (Semin Nucl Med), 14: 149, 1984
- efficacy of chest radiography in a respiratory intensive care unit: prospective study, Bekemeyer WB; Crapo RO; Calhoon S; et al, (Radiology), 159: 820, 1986
- exposure equalization radiography of the chest: clinical comparison of slit and raster scanning techniques, Wandtke JC; Plewes DB, (AJR), 144: 1171, 1985

- Hodgkin disease: contributions of chest CT in oagkin disease: contributions of chest CI III the initial staging evaluation, Castellino RA; Blank N; Hoppe RT; Cho C, (Radiology), 160: 603, 1986
- impact of routine admission chest x-rays on patient care, Hubbell FA; Greenfield S; Tyler JL; et al, (Radiology), **156**: 853, 1985
- improved chest disease detection with scanning equalization radiography, Wandtke JC; Plewes DB, (AJR), 145: 979, 1985
- intrafissural fat: CT correlation with chest radiography, Gale ME; Greif WL, (Radiology), **160**: 333, 1986
- nocardiosis of the lung: chest radiographic findings in 21 cases, Feigin DS, (Radiology), 159: 9, 1986
- oblique chest film: value in routine and selective use, Young JWR; Andersen BL; Reinig JW, (AJR), 142: 69, 1984
- oblique rib views after blunt chest trauma: an unnecessary routine?, Danher J; Eyes BE; Kumar K, (Radiology), **156**; 262, 1985
- posttraumatic tension pneumopericardium: "small heart" sign, Mirvis SE; Indeck M; Schorr RM; Diaconis JN, (Radiology), **158**:
- pulmonary vascularity in patients with pulmonary atresia and ventricular septal defect, Diethelm E; Soto B; Nath PH; Bargeron LM Jr; Kirklin JK, (Radiographics), 5: 243, 1985
- radiographic findings in the chest of patients following cardiac transplantation, Shirazi KK; Amendola MA; Tisnado J; et al, (Radiology), 150: 287, 1984
- radiographic recognition of chest tube malposition in the major fissure, Webb WR; LaBerge JM, (Radiology), **152**: 839, 1984
- role of chest CT in non-Hodgkin lymphoma, Khoury MB; Godwin JD; Halvorsen RA Jr; Hanun Y; Putman CE, (Radiology), **158**: 659,
- role of chest radiography in predicting the extent of airway disease in patients with suspected pulmonary embolism, Smith R; Ellis K; Alderson PO, (Radiology), 159: 391,
- scanning equalization radiography of the chest: assessment of image quality, Wandtke JC; Plewes DB; Vogelstein E, (AJR), 145: 973, 1985
- sensitivity of chest radiography, computed tomography, and gallium scanning to metastasis of lung carcinoma, Friedman PJ; Feigin DS; Liston SE; et al, (Radiology), 155: 847, 1985
- single-slit digital radiography: some practical considerations, Tesic MM; Sones RA; Morgan DR, (AJR), 142: 697, 1984
- some telltales and pitfalls in chest radiology, Kattan KR, (Radiol Clin North Am), 22: 467,
- spatial resolution requirements for digital chest radiographs: ROC study of observer performance in selected cases, Lams PM; Cocklin ML, (Radiology), 158: 11, 1986
- tentative diagnoses facilitate the detection of diverse lesions in chest radiographs, Berbaum KS; Franken EA Jr; Dorfman DD; et al, (Invest Radiol), 21: 532,
- thoracic venous anatomy, Godwin JD; Chen JTT, (AJR), 147: 674, 1986
- tilted air-fluid interfaces on chest radiographs, Jackson H; Stark P, (AJR), 144: 37, 1985
- timing of chest film follow-up after transthoracic needle aspiration, Perlmutt LM; Braun SD; Newman GE; et al, (AJR), 146: 1049, 1986
- troublesome nipple shadow, Miller WT; Aronchick JM; Epstein DM; et al, (AJR), **145**: 521, 1985
- utility and efficacy of portable chest radiographs, Janower ML; Jennas-Nocera Z; Mukai J, (AJR), 142: 265, 1984
- value of chest ultrasonography versus decubitus roentgenography for thoracentesis, Kohan JM; Poe RH; Israel RH; et al, (Radiology), 161: 574, 1986

### Thorax, radionuclide studies

detection of sclerosing adenosis of the breast on a thallium scan, Makler PT Jr; Sherwin N; McCarthy DM; et al, (Radiology), 154: 862, 1985

- discordance between chest x-ray and galiium scan, Tiu S; Kramer EL; Sanger JJ; et al, (Semin Nucl Med), 14: 149, 1984
- sensitivity of chest radiography, computed tomography, and gallium scanning to metastasis of lung carcinoma, Friedman PJ; Feigin DS; Liston SE; et al, (Radiology), 155: 847, 1985
- symmetrical focal chest uptake in gallium-67 scintigraphy, Wu S-Y; Brown T; Lyons KP, (Semin Nucl Med), 14: 146, 1984

# Thorax, therapeutic radiology

- adult respiratory distress syndrome after limited thoracic radiotherapy, Fulkerson WJ; McLendon RE; Prosnitz LR, (Radiology), 161: 573, 1986
- daily reproducibility of large, complex-shaped radiotherapy fields to the thorax and neck, Griffiths SE; Pearcey RG, (Clin Radiol), 37: 39, 1986

- Thorax, tomography
  oblique hilar tomography and
  mediastinoscopy: a correlative prospective
  study in 100 patients with bronchogenic
  carcinoma, Khan A; Khan FA; Garvey J; et al,
  (Radiology), 155: 547, 1985
  - retrocardiac phantom image on hypocycloidal chest tomograms, Stenoien R; Mootz AR; Landay MJ II, (Radiology), 161: 671, 1986

#### Thorax, US studies

- complementary roles of ultrasound and plain film radiography in differentiating pediatric chest abnormalities, Rosenberg HK, (Radiographics), 6: 427, 1986
- (Radiographics), 6: 427, 1960 peripheral pulmonary lesions: ultrasonography and ultrasonically guided aspiration biopsy, Yang P-C; Luh K-T; Sheu J-C; Kuo S-H; Yang S-P, (Radiology), 155: 451, 1985
- value of chest ultrasonography versus decubitus roentgenography for thoracentesis, Kohan JM; Poe RH; Israel RH; et al, (Radiology), 161: 574, 1986
- water-path ultrasound of chest disease in childhood, Miller JH; Reid BS; Kemberling CR, (Radiology), **152:** 401, 1984

#### Thorium oxide

legacy of thorotrast, Robertson A, (Radiology), 152: 271, 1984

#### Thromboembolism

See Embolism; Thrombosis

#### Thrombophlebitis

- detection of thrombophlebitis in the lower extremities: regional comparison of <sup>123</sup>I fibrinogen scintigraphy and contrast venography, DeNardo SJ; Bogren HG; DeNardo GL, (AJR), 145: 1045, 1985
- initial detection of lower extremity septic deep venous thrombophlebitis by indium-111 WBC imaging in a patient with bacteremia, Fancher M; Abghari R; Bartold K, (Clin Nucl Med), 11: 206, 1986
- peripheral migration of pacemaker electrodes, Widmann WD; Edoga JK; Garfias D; et al, (Radiology), 153: 847, 1984
- sonography case of the day, Feinberg SB; Crass JR; Kirkham J, (AJR), 144: 1303, 1985
- thrombophlebitis: potential cause for diffuse lower extremity uptake on bone imaging, Milton WJ; Datz FL, (Clin Nucl Med), 11: 26,
- vascular aspects of Behcet disease, case presentations and review of literature, Adler OB; Rosenberger A, (Radiology), **154**: 271, 1985

#### Thrombosis

- See also individual vessels, e.g., Cerebral blood vessels, thrombosis; Hepatic veins, thrombosis
- false lumens in type III aortic dissections progress: CT study, Yamaguchi T; Naito H; Ohta M; Sugahara T; Takamiya M; Kozuka T; Nakajima N, (Radiology), 156: 757, 1985 fibrinolytic therapy, Klatte EC; Becker G]; Holden RE; Yune HY, (Radiology), 159: 619,
- indium-111 labeled platelet deposition following transfemoral angiography, O'Connor MK; Brennan SS; Shanik DG, (Radiology), 158: 191, 1986
- low-dose fibrinolytic therapy in hand ischemia, Tisnado J; Bartol DT; Cho S-R; Vines FS; Beachley MC; Fields WR, (Radiology), 150: 375, 1984
- steel occlusion coils: pretreatment with thrombin, McLean GK; Stein EJ; Burke DR; Meranze SG, (Radiology), **158**: 549, 1986

- thromboembolism in patients with atrial fibrillation, Sherman DG; Goldman L; Whiting RB; et al, (Radiology), **155**: 859, 1985
- thrombosed synthetic hemodialysis access fistulas: failure of fibrinolytic therapy, Young AT; Hunter DW; Castaneda-Zuniga WR; So SKS; Mercado S; Cardella JF; Amplatz K, (Radiology), **154**: 639, 1985
- ultrasonically induced intravascular streaming and thrombus formation adjacent to a micropipette, Frizzell LA; Miller DL; Nyborg WL, (Ultrasound Med Biol), 12: 217,

#### Thrombosis, arterial

- See also individual vessels, e.g., Carotid arteries, thrombosis
- acute peripheral arterial and graft occlusion: treatment with selective infusion of urokinase and Jysyl plasminogen, Pernes JM; Vitoux JF; Brenoit P; Raynaud A; Parola JL; Roth JP; Angel CY; Fiessinger JN; Roncato M; Gaux JC, (Radiology), 158: 481,
- catheter-directed low dose streptokinase infusion: a preliminary experience, Risius B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW, (Radiology), 150: 349, 1984
- intraarterial fibrinolysis: in vitro and prospective clinical evaluation of three thrombolytic agents, Pilger E; Lammer J; Bertuch H; Steiner H, (Radiology), 161: 597,
- intraarterial fibrinolysis: long-term results, Lammer J; Pilger E; Neumayer K; Schreyer H, (Radiology), **161**: 159, 1986
- intraluminal thrombus of the internal carotid arteries: angiographic demonstration of resolution with anticoagulant therapy alor Pelz DM; Buchan A; Fox AJ; Barnett HJM; Vinuela F, (Radiology), 160: 369, 1986
- low-dose streptokinase for selective thrombolysis: systemic effects and complications, Graor RA; Risius B; Young JR; Geisinger MA; Zelch MG; Smith JAM; Ruschhaupt WF, (Radiology), 152: 35, 1984
- lysis of arterial clot by intravenous or intra-arterial administration of streptokinase, Dardik H; Sussman BC; Kahn M; et al, (Radiology), 153: 272, 1984
- modified technique for infusion of low-dose streptokinase into the lower extremities, Pilla TJ; Tantana S; Peterson GJ, (AJR), 142: 1213, 1984
- recombinant human tissue-type plasminogen activator for thrombolysis in peripheral arteries and bypass grafts, Risius B; Graor RA; Geisinger MA; Zelch MG; Lucas FV; Young JR; Grossbard EB, (Radiology), 160: 183, 1986
- systemic fibrinolytic effect of low-dose intraarterial streptokinase: observations in 12 patients. work in progress, Rubenfire M; Blevins RD; Cascade PN; Maltzman JB; Goldberg MJ, (Radiology), 152: 41, 1984
- treatment of grafts and major vessel thrombosis with low-dose streptokinase in children, LeBlane [G; Culham JAG; Chan K-W; et al, (Radiology), 161: 864, 1986
- ultrasonic evaluation of abdominal aortic thrombus, Harter LP; Gross BH; Callen PW; et al, (Radiology), 150: 867, 1984

#### Thrombosis, experimental

- experimental production of superior sagittal sinus thrombosis in the dog, Sarwar M; Virapongse C; Carbo P, (AJNR), 6: 19, 1985
- radioimmunoimaging of experimental thrombi in dogs using technetium-99m-labeled monoclonal antibody fragments reactive with human platelets, Som P; Oster ZH; Zamora PO; et al, (J Nucl Med), 27: 1315, 1986
- venous thrombosis: clinical and experimental MR imaging, Erdman WA; Weinreb JC; Cohen JM; Buja LM; Chaney C; Peshock RM, (Radiology), 161: 233, 1986

# Thrombosis, MR studies

magnetic resonance imaging of aneurysms and thrombi, Zeitler E; Kaiser W; Schuierer G; et al, (Cardiovasc Intervent Radiol), 8: 321, 1986

venous thrombosis: clinical and experimental MR imaging, Erdman WA; Weinreb JC; Cohen JM; Buja LM; Chaney C; Peshock RM, (Radiology), 161: 233, 1986

#### Thrombosis, radionuclide studies

- detection of deep venous thrombosis by indium-111 leukocyte scintigraphy, D'Alonzo WA Jr; Alavi A, (J Nucl Med), 27: 631, 1986
- detection of deep venous thrombosis with Tc-99m sulfur colloid, Maurer AH; Knight LC, (Radiology), **150**: 842, 1984
- detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Bardfeld PA; Harrison DA; Irwin GAL; Buetow G, (Radiology), **150**: 842, 1984
- detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Maurer AH; Knight LC, (Radiology), 150: 842, 1984
- detection of deep venous thrombosis with Tc-99m sulfur colloid: reply, Bardfeld PA; Harrison DA; Wasserstein G; Buetow G; Irwin GAL, (Radiology), 150: 843, 1984
- fragment E<sub>1</sub> labeled with I-123 in the detection of venous thrombosis, Knight LC; Maurer AH; Robbins PS; Malmud LS; Budzynski AZ, (Radiology), 136: 509, 1985
- indium-labeled platelet imaging of postoperative pelvic vein thrombi, Clarke-Pearson DL; Creasman WT; Ralston M; et al, (Radiology), 150: 870, 1984
- popliteal cysts and deep venous thrombosis: Tc-99m red blood cell venography. Littlejohn GO; Brand CA; Ada A; Wong C, (Radiology), 155: 237, 1985
- radioimmunoimaging of experimental thrombi in dogs using technetium-99m-labeled monoclonal antibody fragments reactive with human platelets, Som P; Oster ZH; Zamora PO; et al, (J Nucl Med), 27: 1315, 1986
- radioimmunoimaging of venous thrombi using iodine-131 monoclonal antibody, Rosebrough SF, Kudryk B; Grossman ZD; McAfee JG; Subramanian G, Ritter-Hrncirik CA; Witanowski LS; Tillapaugh-Fay G, (Radiology), 156: 515, 1985
- superior sagittal sinus thrombosis: assessment with Tc-99m labeled red blood cells, Front D; Israel O; Even-Sapir E; Feinsud M, (Radiology), **158**: 453, 1986
- technetium-99m sulfur colloid imaging of vascular thrombosis in pancreaticosplenic transplant, Grassi CJ; Lee RGL; Hill TC; et al, (Clin Nucl Med), 11: 558, 1986
- thrombus radioimmunoscintigraphy: approach using monoclonal antiplatelet antibody, Oster ZH; Srivastava SC; Som P; et al, (Radiology), 157: 863, 1985

# Thrombosis, renal vein

See Renal veins, thrombosis

# Thrombosis, US studies

- deep venous thrombosis: detection by high-resolution real-time ultrasonography, Raghavendra BN; Rosen RJ; Lam S; Riles T; Horii SC, (Radiology), **152**: 789, 1984
- further studies on ultrasonic properties of blood clots, Shung KK; Fei DY; Ballard JO III, (JCU), 14: 269, 1986
- iliofemoral venous thrombosis: real-time ultrasound diagnosis, normal criteria, and clinical application, Effeney DJ; Friedman MB; Gooding GAW, (Radiology), 150: 787, 1984
- pulsed Doppler duplex sonography and CT of portal vein thrombosis, Miller VE; Berland LL, (AJR), 145: 73, 1985
- ultrasonic demonstration of superior mesenteric and splenoportal venous thrombosis, Kidambi H. Herbert R; Kidambi AV, (JCU), 14: 199, 1986

#### Thrombosis, venous

- See also individual vessels, e.g., Hepatic veins, thrombosis
- axillary-subclavian vein thrombosis following combination chemotherapy and radiation therapy in Juphoma, Schreiber DP; Kapp DS, (Int J Radiat Oncol Biol Phys), 12: 391, 1986
- catheter-directed low dose streptokinase infusion: a preliminary experience, Risius B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW, (Radiology), 150: 349, 1984

clinical value of blood pool radionuclide venography, Zorba J; Schier D; Posmituck G, (AJR), 146: 1051, 1986

deep vein thrombosis: significant limitations of noninvasive tests, Ramchandani P; Soulen RL; Fedullo LM; Gaines VD, (Radiology), **156**: 47, 1985

(Radiology), 104-7, 170 deep venous thrombosis: detection by high-resolution real-time ultrasonography, Raghavendra BN; Rosen RJ; Lam S; Riles T; Horii SC, (Radiology), 152: 789, 1984

deep venous thrombosis: detection by probe compression of veins, Raghavendra BN; Horii SC; Hilton S; et al, (J Ultrasound Med),

detection of deep venous thrombosis by indium-111 leukocyte scintigraphy, D'Alonzo WA Jr; Alavi A, (J Nucl Med), 27: 631, 1986

651, 1986
expanded criteria for the diagnosis of deep venous thrombosis: use of the pulse volume recorder and Doppler ultrasonography, Howe HR Jr; Hansen KJ; Plonk GW Jr, (Radiology), 155: 861, 1985

external jugular vein thrombosis: CT demonstration, Fishman EK; Gayler BW; Magid D; et al, (JCAT), 9: 580, 1985

fragment E<sub>1</sub> labeled with I-123 in the detection of venous thrombosis, Knight LC; Maurer AH; Robbins PS; Malmud LS; Budzynski AZ, (Radiology), **156**: 509, 1985

gastrointestinal hemorrhage associated with chronic mesenteric venous occlusion, Soper NJ; Rikkers LF; Miller FJ, (Radiology), 158: 858, 1986

imaging of venous thromboemboli with labeled platelets, Moser KM; Fedullo PF, (Semin Nucl Med), 14: 188, 1984

indications for the treatment of deep venous thrombosis following total knee replacement, Lotke PA; Ecker ML; Alavi A; et al, (Radiology), 153: 847, 1984

indium-labeled platelet imaging of postoperative pelvic vein thrombi, Clarke-Pearson DL; Creasman WT; Ralston M; et al, (Radiology), 150: 870, 1984

jugular venous thrombosis: MR imaging, Braun IF; Hoffman JC Jr; Malko JA; Pettigrew RI; Dannels W; Davis PC, (Radiology), **157**: 357, 1985

low-dose streptokinase for selective thrombolysis: systemic effects and complications, Graor RA; Risius B; Young JR; Geisinger MA; Zelch MG; Smith JAM; Ruschhaupt WF, (Radiology), 152: 35, 1984

mesenteric vein thrombosis: CT identification, Rosen A; Korobkin M; Silverman PM; et al, (AJR), 143: 83, 1984

MR, CT, and ultrasonographic demonstration of splenic vein thrombosis, Kneeland JB; Auh YH; Zirinsky K; et al, (JCAT), 8: 1199,

popliteal cysts and deep venous thrombosis: Tc-99m red blood cell venography, Littlejohn GO: Brand CA; Ada A; Wong C, (Radiology), 155: 237, 1985

prevention of postvenographic thrombosis by heparin flush: fibrinogen uptake measurements, Minar E; Ehringer H; Sommer G; et al, (AJR), 143: 629, 1984

sommer G; et al, (A)R), 143: 525, 1594
radioimmunoimaging of venous thrombi
using iodine-131 monoclonal antibody,
Rosebrough SF; Kudryk B; Grossman ZD;
McAfee JG; Subramanian G; RitterHrncirik CA; Witanowski LS; TillapaughFay G, (Radiology), 156: 515, 1985

radionuclide plethysmography and Tc-99m red blood cell venography in venous thrombosis: comparison with contrast venography, Singer I; Royal HD; Uren RF; Waugh RC; McLaughlin AF; Bautovich GJ; Dyer IA; Fulton RR; Morris JG, (Radiology), 150: 213, 1984

radionuclide venography: imaging monitor in deep-vein thrombosis of the pelvis and lower extremities, Sy WM; Seo IS, (Br J Radiol), 59: 325, 1986

review of computed tomography findings in thrombosis of the major abdominal venous pathways, Castillo M; Nunez D; Morillo G, (CT), 16: 205, 1986

soft-tissue CT changes in pelvic venous thrombosis, Pawar SV; Kay CJ, (AJR), 143: 605, 1984

sonographic diagnosis of thrombosis of the superior mesenteric vein and small bowel infarction, Phillips G; Dimitrieva Z, (J Ultrasound Med), 4: 565, 1985

treatment of grafts and major vessel thrombosis with low-dose streptokinase in children, LeBlanc JG; Culham JAG; Chan K-W; et al, (Radiology), 161: 864, 1986

ultrasonic demonstration of superior trasonic demonstration of superior mesenteric and splenoportal venous thrombosis, Kidambi H; Herbert R; Kidambi AV, (JCU), 14: 199, 1986

umbilical vein thrombosis: sonographic detection in utero, Abrams SL; Callen PW; Filly RA, (J Ultrasound Med), 4: 283, 1985

urokinase 'n the treatment of occluded central venous catheters in children, Winthrop AL; Wesson DE, (Radiology), 155: 854, 1985

value of combined strain gauge plethysmography and radioactive iodine fibrinogen scan of the leg in the diagnosis of deep vein thrombosis, AbuRahma AF; Lawton WE Jr; Osborne L, (Radiology), 151:

venous thrombosis: clinical and experimental MR imaging, Erdman WA; Weinreb JC; Cohen JM; Buja LM; Chaney C; Peshock RM, (Radiology), 161: 233, 1986

#### Thymoma

See Thymus, neoplasms

#### Thymus

thymus, Day DL; Gedgaudas E, (Radiol Clin North Am), 22: 519, 1984

thymus: reexamination of age-related changes in size and shape, Francis IR; Glazer GM; Bookstein FL; et al, (AJR), 145: 249, 1985

# Thymus, abnormalities

severe dyspnea and dysphagia resulting from an aberrant cervical thymus, Bistritzer T; Tamir A; Oland J; et al, (Radiology), 159: 576, 1986

#### Thymus, CT

normal thymus: assessment with MR and CT, de Geer G; Webb WR; Gamsu G, (Radiology),

thymic cyst: computed tomography and ultrasound correlation, Dunne MG; Weksberg AP, (Radiology), 152: 560, 1984

thymus: reexamination of age-related changes in size and shape, Francis IR; Glazer GM; Bookstein FL; et al, (AJR), 145: 249, 1985

# Thymus, cysts

thymic cyst: computed tomography and ultrasound correlation, Dunne MG; Weksberg AP, (Radiology), **152**: 560, 1984

thymic cysts in mediastinal Hodgkin disease, Lindfors KK; Meyer JE; Dedrick CG; Hassell LA; Harris NL, (Radiology), **156**: 37, 1985

# Thymus, hypertrophy

thymic enlargement following chemotherapy, Woodhead PJ, (Radiology), 155: 854, 1985

# Thymus, MR studies

magnetic resonance imaging of benign mediastinal masses, Gamsu G; Stark DD; Webb WR; Moore EH; Sheldon PE, (Radiology), 151: 709, 1984

normal thymus: assessment with MR and CT, de Geer G; Webb WR; Gamsu G, (Radiology), 158: 313, 1986

# Thymus, neoplasms

cystic degeneration of thymic Hodgkin's disease following radiation therapy, Kim HC; Nosher J; Haas A; et al, (Radiology), **156**: 285, 1985

hepatic mass: functioning metastatic thymoma 22 years after radiation therapy, Grimmond AP; Spencer RP, (Clin Nucl Med), 11: 570, 1986

malignant epithelial tumours of the thymus: survival after radiotherapy, Magee BJ; Stout R, (Clin Radiol), 37: 273, 1986

malignant thymoma: role of radiation therapy in management, Kersh CR; Eisert DR; Hazra TA, (Radiology), 156: 207, 1985

radiologic evaluation of the mediastinum in myasthenia gravis, Janssen RS; Kaye AD; Lisak RP; et al, (Radiology), **150**: 853, 1984 thallium-201 uptake in a benign thymoma, Campeau RJ; Ey EH; Varma DGK, (Clin Nucl Med), 11: 524, 1986

transdiaphragmatic extension of invasive thymoma, Scatarige JC; Fishman EK; Zerhouni EA; et al, (AJR), 144: 31, 1985

#### Thymus, radionuclide studies

Campeau RJ; Ey EH; Varma DGK, (Clin Nucl Med), 11: 524, 1986

Thymus, therapeutic radiology malignant epithelial tumours of the thymus: survival after radiotherapy, Magee BJ; Stour R, (Clin Radiol), 37: 273, 1986 malignant thymoma: role of radiation therapy in management, Kersh CR; Eisert DR; Hazra TA, (Radiology), 156: 207, 1985

Thymus, US studies
thymic cyst: computed tomography and
ultrasound correlation, Dunne MG;
Weksberg AP, (Radiology), 152: 560, 1984
Thyroglossal duct
CT of thyroglossal duct cysts, Reede DL;
Bergeron RT; Som PM, (Radiology), 157: 121,
1985

hypertrophied thyroid tissue in a thyroglossal duct remnant, Feuerstein IM; Harbert JC, (Clin Nucl Med), 11: 135, 1986

#### Thyroid

hypertrophied thyroid tissue in a thyroglossal duct remnant, Feuerstein IM; Harbert JC, (Clin Nucl Med), 11: 135, 1986

hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck, Samaan NA; Vieto R; Schultz PN; et al., (Radiology), 150: 294, 1984

Thyroid, abnormalities
bone marrow expansion of the thyroid cartilage: source of confusion with malignant invasion in CT studies, Kavanagh KT; Salazar JE; Babin RW, (JCAT), 9: 177, 1985

lingual thyroid gland: sonographic appearance, Miller JH, (Radiology), **156**: 83, 1985

thyroid ectopia in a congenital hypothyroid infant, Krinsky S, (Clin Nucl Med), 11: 602,

1986
thyroid imaging: comparison of highresolution real-time ultrasound and
computed tomography, Radecki PD;
Arger PH; Arenson RL; Jennings AS;
Coleman BG; Mintz MC; Kressel HY,
(Radiology), 153: 145, 1984
hveid, bioes

Thyroid, biopsy
needle aspiration biopsy in cystic papillary
carcinoma of the thyroid, Muller NL;
Cooperberg PL; Suen KCH; et al, (AJR), 144:
251, 1985

251, 1985 sonographic guidance of thyroid needle biopsy, Goldfinger M; Rothberg R; Stoll S, (J Canad Assoc Radiol), 37; 186, 1986 thyroid gland with low uptake lesions: evaluation by ultrasound, Solbiati L; Volterrani L; Rizzatto G; Bazzocchi M; Busilacchi P; Candiani F; Ferrari F; Giuseppetti G; Marseca G, Mirk P; Rubaltelli L; Zappasodi F, (Radiology), 155: 187, 1985. 187 1985

# Thyroid, calcification

metastatic calcification in the thyroid gland demonstrated on bone scan in a patient with primary hyperparathyroidism, Amico 5; Lucas P; Diebold MD; et al, (J Nucl Med), 27: 373, 1986

# Thyroid, CT

computed tomography in the evaluation of thyroid disease, Silverman PM; Newman GE; Korobkin M; et al, (AJR), 142:

897, 1984
Hyroid imaging: comparison of highresolution real-time ultrasound and
computed tomography, Radecki PD;
Arger PH, Arenson RL; Jennings AS;
Coleman BG, Mintz MC; Kressel HY,
(Radiology), 153: 145, 1984
thyroid tumor imaging, Noyek AM;
Greyson ND; Steinhardt MI; et al,
(Radiology), 150: 294, 1984

Thyroid, diseases computed tomography in the evaluation of thyroid disease, Silverman PM; Newman GE; Korobkin M; et al, (AJR), 142: 897, 1984

computer analysis of echographic textures in Hashimoto disease of the thyroid, Mailloux G; Bertrand M; Stampfler R; et al, (JCU), 14: 521, 1986

UCU), 14: 521, 1986 concomitant thyroid disease in hyperparathyroidism: reasons for unsatisfactory ultrasonographical localization of parathyroid glands, Karstrup S; Hegedus L, (Eur J Radiol), 6: 149, 1986

thyroid nodules: sonographic-pathologic correlation, Katz JF; Kane RA; Reyes J; Clarke MP; Hill TC, (Radiology), **151**: 741,

Thyroid, hyperthyroidism early costochondral calcification in adolescent hyperthyroidism, Senac MO Jr; Lee FA; Gilsanz V, (Radiology), **156**: 375, 1985

- exaggerated response of thyrotropin to thyrotropin-releasing hormone in patients resected for Crohn's ileitis, Simi M; Levenstein S; Giri S; et al, (Radiology), 156: 562, 1985
- Graves' disease: initial presentation with exophthalmos and solitary hot nodule, Vento JA; Slavin JD Jr; Reardon GE; et al, (Clin Nucl Med), 11: 404, 1986
- hyperthyroidism caused by a toxic intrathoracic goiter with a normal-sized cervical thyroid gland, Prakash R; Lakshmipathi N; Jena A; et al, (J Nucl Med), 27: 1423, 1986
- 27: 1423, 1960 ophthalmopathy of Graves' disease: computerized volume measurements of the orbital fat and muscle, Forbes G; Gorman CA; Brennan MD; et al. (AJNR), 7: 651, 1986
- radioiodine treatment of solitary functioning thyroid nodules, Ratcliffe GE; Cooke S; Fogelman I; et al, (Br J Radiol), 59: 385, 1986
- serial thyroid iodine content in hyperthyroid patients treated with radioiodine, Lee GS; Sandler MP; Patton JA; et al, (Clin Nucl Med), 11: 115, 1986
- should a woman taking propylthiouracil breast-feed?, McDougall IR; Bayer MF, (Clin Nucl Med), 11: 249, 1986
- ultrasonic B-scan measurement of the extra-ocular muscles in Graves' orbitopathy, Willinsky RA; Arenson AM; Hurwitz JJ; et al, (Radiology), 154: 858, 1985
- Thyroid, hypothyroidism fetal ovarian cysts: sonographic detection and association with hypothyroidism, Jafri SZH; Bree RL; Silver TM; Ouimette M,
  - Bree RL; Silver I M; Oulmette M, (Radiology), 150: 809, 1984 increased incidence of hypothyroidism in primary biliary cirrhosis, Elta GH; Sepersky R; Goldberg MJ; et al, (Radiology), 152: 550, 1984
  - lingual thyroid gland: sonographic appearance, Miller JH, (Radiology), **156**: 83, 1985
  - multicystic ovaries in primary hypothyroidism, Lindsay AN; Voorhess ML; MacGillivray MH, (Radiology), 150: 613,
  - pituitary hyperplasia secondary to thyroid failure: CT appearance, Floyd JL; Dorwart RH; Nelson MJ; et al, (AJNR), 5: 469, 1984
  - technetium 99m pertechnetate thyroid scintigraphy: congenital hypothyroid screening, Wells RG; Sty JR; Duck SC, (Pediatr Radiol), 16: 368, 1986
  - thyroid ectopia in a congenital hypothyroid infant, Krinsky S, (Clin Nucl Med), 11: 602,
  - ransient hypothyroidism following radioiodine therapy for thyrotoxicosis, Connell JMC; Hilditch TE; McCruden DC; et al, (Radiology), **150**: 304,
  - transient hypothyroidism in infants following contrast angiocardiography, Rohner G; Rautenburg HW; Hopfner B, (Radiology), 153: 275, 1984
  - ultrasound in congenital hypothyreosis, Poynonen L; Lenko HL, (Radiology), 155: 854, 1985
- Thyroid, inflammation See Thyroiditis
- Thyroid, lingual
  - lingual thyroid gland: sonographic appearance, Miller JH, (Radiology), **156**: 83, 1985
- Thyroid, MR studies
  - magnetic resonance imaging of benign mediastinal masses, Gamsu G; Stark DD; Webb WR; Moore EH; Sheldon PE, (Radiology), 151: 709, 1984
- Thyroid, neoplasms analysis of "ablation of thyroid remnants" with 1-131 in 511 patients from 1947-1984: experience at University of Michigan, Beierwaltes WH; Rabbani R; Dmuchowski C; et al, (Radiology), 158: 573, 1986
  - of the thyroid gland: concise communication, Johnson DG; Coleman RE; McCook TA; et al, (Radiology), **154:** 284,
- for thyroid carcinoma metastatic to the brain, Datz FL, (J Nucl Med), 27: 637, 1986
- colon carcinoma metastatic to the thyroid gland, Lester JW Jr; Carter MP; Berens SV; et al, (Clin Nucl Med), 11: 634,

- combination adriamycin and radiation therapy for locally advanced carcinoma of the thyroid gland, Kim JH; Leeper RD, (Radiology), 153: 283, 1984
- demonstration of simultaneous thyroid and parathyroid adenomata, situated in the same anatomic level, Garty I; Risescu J; Rosen G, (Clin Nucl Med), 11: 430, 1986
- evaluation of radionuclide imaging and echography in the diagnosis of thyroid nodules, Ikekubo K; Higa T; Hirasa M; et al, (Clin Nucl Med), 11: 145, 1986
- follow-up of solitary autonomous thyroid nodules treated with <sup>131</sup>I, Goldstein R; Hart IR, (Radiology), **152**: 566, 1984
- iodine-131 treatment of thyroid cancer: absorbed dose calculated from post-therapy scans, Koral KF; Adler RS; Carey JE; et al, (J Nucl Med), 27: 1207, 1986
- long-term hazards of the treatment of thyroid cancer with radioiodine, Edmonds CJ; Smith T, (Br J Radiol), 59: 45, 1986
- lymphoma of the thyroid, Hamburger JI; Miller JM; Kini SR, (Radiology), 152: 565,
- malignant teratoma of the thyroid in an adult: CT appearance, Kier R; Silverman PM; Korobkin M; et al, (JCAT), 9: 174, 1985
- medullary thyroid carcinoma: prognostic factors and treatment, Rougier P; Parmentier C; Laplanche A; et al, (Radiology), **151**: 564, 1984
- needle aspiration biopsy in cystic papillary carcinoma of the thyroid, Muller NL; Cooperberg PL; Suen KCH; et al, (AJR), 144: 251, 1985
- new high-resolution ultrasound evaluation of diseases of the thyroid gland. a review article, Cole-Beuglet CM; Goldberg BB, (Radiology), 151: 556, 1984
- osteoblastic metastases from thyroid carcinoma, Bhushan B; Vashist GP; Prasad J; et al, (Radiology), 158: 569, 1986
- papillary carcinoma of the thyroid gland seen as lateral neck cyst, Wallace MP; Betsill WL, (Radiology), **154**: 857, 1985
- poor results with technetium-99m (V) DMS and iodine-131 MIBG in the imaging of medullary thyroid carcinoma, Hilditch TE; Connell JMC; Elliott AT; et al, (J Nucl Med), 27: 1150, 1986
- primary malignant lymphoma of the thyroid: sonographic appearance, Parulekar SG; Katzman RA, (JCU), 14: 60, 1986
- prognostic factors of papillary, follicular and medullary carcinomas of the thyroid gland, Tennvall J; Biorklund A; Moller T; et al, (Radiology), 158: 575, 1986
- radioiodine treatment of metastastic thyroid carcinoma: the Royal Marsden Hospital experience, Brown AP; Greening WP; McCready VR; et al, (Radiology), 153: 862,
- radiologic features of multiple endocrine neoplasia types IIa and IIb, Dodd GD, (Semin Roentgenol), **20**: 64, 1985
- radionuclide diagnosis and therapy of thyroid cancer: current status report, Freitas JE; Gross MD; Ripley S; et al, (Semin Nucl Med), 15: 106, 1985
- spurious thyroid cancer metastasis: saliva contamination artifact in high dose iodine-131 metastases survey, Park H-M; Tarver RD; Schauwecker DS; et al, (J Nucl Med), 27: 634, 1986
- thyroid gland with low uptake lesions: evaluation by ultrasound, Solbiati L; Volterrani L; Rizzatto G; Bazzocchi M; Busilacchi P; Candiani F; Ferrari F; Giuseppetti G; Maresca G; Mirk P; Rubaltelli L; Zappasodi F, (Radiology), 155: 187–1985
- thyroid imaging: comparison of high-resolution real-time ultrasound and computed tomography, Radecki PD; Arger PH; Arenson RL; Jennings AS; Coleman BG; Mintz MC; Kressel HY, (Radiology), 153: 145, 1984
- thyroid nodules: sonographic-pathologic correlation, Katz JF; Kane RA; Reyes J; Clarke MP; Hill TC, (Radiology), 151: 741,
- thyroid tumor imaging, Noyek AM; Greyson ND; Steinhardt MI; et al, (Radiology), 150: 294, 1984

- treatment of differentiated carcinoma of the thyroid gland. selective manageme Guillamondegui OM; Mikhail RA, (Radiology), 153: 571, 1984
- two benign CT presentations of thyroid-related papillary adenocarcinoma, Som PM; Sacher M; Lanzieri CF; et al, (JCAT), 9: 162,
- ultrasound diagnosis of C-cell carcinoma of the thyroid, Schwerk WB; Grun R; Wahl R, (Radiology), 156: 569, 1985
- unusual presentation of thyroid papillary carcinoma: enlargement of a cervical intervertebral foramen, Roberts L Jr; Drayer BP; Apple JS; et al, (Comput Radiol), 10: 45, 1986
- Thyroid, radiography
  - thyroid tumor imaging, Noyek AM; Greyson ND; Steinhardt MI; et al, (Radiology), **150**: 294, 1984
- Thyroid, radionuclide studies
- nyroid, radionachus studies analysis of "ablation of thyroid remnants" with I-131 in 511 patients from 1947–1984: experience at University of Michigan, Beierwaltes WH; Rabbani R; Dmuchowski C; et al, (Radiology), 158: 573,
- colon carcinoma metastatic to the thyroid gland, Lester JW Jr; Carter MP; Berens SV; et al, (Clin Nucl Med), 11: 634,
- continuing impact of thyroid scintigraphy on the diagnosis of thyroid enlargement, Maxon HR; Hertzberg V; Vasavada P; et al, (Clin Nucl Med), 11: 306, 1986
- evaluation of radionuclide imaging and echography in the diagnosis of thyroid nodules, Ikekubo K; Higa T; Hirasa M; et al, (Clin Nucl Med), 11: 145, 1986
- iodine 131 total body scan—extrathyroidal uptake of radioiodine, Wu S-y; Brown T; Milne N; et al, (Semin Nucl Med), 16: 82,
- lymphoma of the thyroid, Hamburger JI; Miller JM; Kini SR, (Radiology), 152: 565,
- metastatic calcification in the thyroid gland demonstrated on bone scan in a patient with primary hyperparathyroidism, Amico S; Lucas P; Diebold MD; et al. (J Nucl Med), 27: 373, 1986
- poor results with technetium-99m (V) DMS and iodine-131 MIBG in the imaging of medullary thyroid carcinoma, Hilditch TE; Connell JMC; Elliott AT; et al, (J Nucl Med), 27: 1150, 1986
- radionuclide diagnosis and therapy of thyroid cancer: current status report, Freitas JE; Gross MD; Ripley S; et al, (Semin Nucl Med), 15: 106, 1985
- radionuclide thyroid angiography and surgical correlation. a five-year study, Moe RD; Frankel SF; Chacko AK; et al, (Radiology), 156: 571, 1985
- radionuclide thyroid studies: a survey of practice in the United States in 1981, Parker TW; Mettler FA Jr; Christie JH; Williams AG, (Radiology), 150: 547, 1984
- severe thyrotoxicosis caused by an ectopic intrathoracic goiter, Fogelfeld L; Rubinstein U; Bar-On J; et al, (Clin Nucl Med), 11: 20, 1986
- spurious thyroid cancer metastasis: saliva contamination artifact in high dose iodine-131 metastases survey, Park H-M; Tarver RD; Schauwecker DS; et al, (J Nucl Med), 27: 634, 1986
- Tc-99m thyroid index as an easily measured parameter of Tc-99m thyroid uptake, Van de Vyver FL; Blockx PPG; Devos P; De Roo M, (Radiology), 153: 551, 1984
- technetium 99m pertechnetate thyroid scintigraphy: congenital hypothyroid screening, Wells RG; Sty JR; Duck SC, (Pediatr Radiol), 16: 368, 1986
- thyroid localization of Ga-67 citrate, Moreno AJ; Brown JM; Spicer MJ; et al, (Semin Nucl Med), 15: 224, 1985
- (Semin Nucl well), 18: 224, 1963 Hyproid radiation absorbed dose from diagnostic procedures in U.S. population, Rosenberg RD Jr.; Parker T; Williams AG; Christie JH; Kelsey CA, (Radiology), 156: 121 1062 183, 1985
- thyroid tumor imaging, Noyek AM; Greyson ND; Steinhardt MI; et al, (Radiology), 150: 294, 1984

# Thyroid, therapeutic radiology

Thyroid, therapeutic radiology combination adriamycin and radiation therapy for locally advanced carcinoma of the

for locally advanced carcinoma of the thyroid gland, Kim JH; Leeper RD, (Radiology), 153: 283, 1984 comparison of radiosensitivities of human autologous normal and neoplastic thyroid epithelial cells, Miller RC; Kopecky KJ; Hiraoka T; et al, (Br J Radiol), 59: 127, 1986 follow-up of solitary autonomous thyroid nodules treated with <sup>131</sup>I, Goldstein R; Hart IR, (Radiology), 152: 566, 1984 iodine-131 treatment of thyroid cancer: absorbed dose calculated from post-therapy scans, Koral KF; Adler RS; Carey JE; et al, (J Nucl Med), 27: 1207, 1986 long-term hazards of the treatment of thyroid cancer with radioiodine, Edmonds CJ;

cancer with radioiodine, Edmonds CJ; Smith T, (Br J Radiol), 59: 45, 1986

Smith I, (Br J Radiol), 59: 45, 1986 medullary thyroid carcinoma: prognostic factors and treatment, Rougier P; Parmentier C; Laplanche A; et al, (Radiology), 151: 564, 1984 oedema of the neck after ablation of the

edema of the neck after ablation of the thyroid with radioactive iodine, Goolden AWG; Kam KC; Fitzpatrick ML; et al, (Br J Radiol), 59: 583, 1986

1986
radioiodine treatment of metastastic thyroid carcinoma: the Royal Marsden Hospital experience, Brown AP; Greening WP; McCready VR; et al, (Radiology), 153: 862,

1984
radionuclide diagnosis and therapy of thyroid cancer: current status report, Freitas JE; Gross MD; Ripley S; et al, (Semin Nucl Med), 15: 106, 1985
treatment of differentiated carcinoma of the

thyroid gland. selective management?, Guillamondegui OM; Mikhail RA, (Radiology), 153: 571, 1984 Thyroid, US studies

hyroid, US studies computer analysis of echographic textures in Hashimoto disease of the thyroid, Mailloux G; Bertrand M; Stampfler R; et al, (JCU), 14: 521, 1986 concomitant thyroid disease in

hyperparathyroidismese in hyperparathyroidism: reasons for unsatisfactory ultrasonographical localization of parathyroid glands, Karstrup S; Hegedus L, (Eur J Radiol), 6: 149,

determination of the volume of the thyroid gland by a high resolutional ultrasonic scanner, Yokoyama N; Nagayama Y; Kakezono F; et al, (J Nucl Med), **27**: 1475,

high-frequency (10 MHz) thyroid ultrasonography, James EM; Charboneau JW, (Semin US CT MR), 6: 294,

lingual thyroid gland: sonographic appearance, Miller JH, (Radiology), **156**: 83, 1985

measurements of an index of echogenicity of some thyroid disease, Espinasse P; Desuzinges C; Cercassi JC, (Radiology), **152**: 868, 1984

868, 1984
new high-resolution ultrasound evaluation of diseases of the thyroid gland. a review article, Cole-Beuglet CM; Goldberg BB, (Radiology), 151: 556, 1984
primary malignant lymphoma of the thyroid: sonographic appearance, Parulekar SG; Katzman RA, (ICU), 14: 60, 1986
sonography of Hashimoto's thyroiditis, Hayashi N; Tamaki N; Konishi J; et al, (JCU), 14: 123, 1986

14: 123, 1986 Hyroid and parathyroid ultrasonography, Butch RJ; Simeone JF; Mueller PR, (Radiol Clin North Am), 23: 57, 1985

Clin North Am). 23: 57, 1985
thyroid gland with low uptake lesions: evaluation by ultrasound, Solbiati L;
Volterrani L; Rizzatto G; Bazzocchi M;
Busilacchi P; Candiani F; Ferrari F;
Giuseppetti G; Maresca G; Mirk P;
Rubaltelli L; Zappasodi F, (Radiology), 155: 187, 1985
thyroid gland with low uptake lesions: evaluation by ultrasound, Schober O;
Schwarzrock R, (Radiology), 158: 277, 1986
thyroid gland with low uptake lesions: evaluation by ultrasound; serbiye sevaluation by ultrasound; reply, Solbiati L;
Volterrani L; Rizzatto G; Bazzocchi M;
Busilacchi P; Candiani F; Ferrari F;
Giuseppetti G; Maresca G; Mirk P;
Rubaltelli L; Zappasodi F, (Radiology), 158: 277, 1986

277, 1986
Hyroid imaging: comparison of high-resolution real-time ultrasound and computed tomography, Radecki PD; Arger PH; Arenson RL; Jennings AS; Coleman BG, Mintz MC, Kressel HY, (Radiology), 153: 145, 1984

thyroid nodules: sonographic-pathologic correlation, Katz JF; Kane RA; Reyes J; Clarke MP; Hill TC, (Radiology), **151**: 741,

thyroid tumor imaging, Noyek AM; Greyson ND; Steinhardt MI; et al, (Radiology), 150: 294, 1984 ultrasound in congenital hypothyreosis, Poynonen L; Lenko HL, (Radiology), 155: 854, 1985

use of ultrasound in childhood thyroid disorders, Bachrach LK; Daneman D; Daneman A; et al, (Radiology), **152**: 256,

Thyroiditis

diagnosis and management of pyriform sinus fistulae in infants and young children, Miller D; Hill IL; Sun C-C; et al, (Radiology), 150: 859, 1984

low incidence of painless thyroiditis in the Philadelphia area, Schorr AB; Miller JL; Shtasel P; et al, (Clin Nucl Med), 11: 379,

sonography of Hashimoto's thyroiditis, Hayashi N; Tamaki N; Konishi J; et al, (JCU), 14: 123, 1986

14: 125, 1760 thyroid imaging: comparison of high-resolution real-time ultrasound and computed tomography, Radecki PD; Arger PH; Arenson RL; Jennings AS; Coleman BG; Mintz MC; Kressel HY, (Radiology), 153: 145, 1984

evolution and histopathology of adolescent tibia vara, Wenger DR; Mickelson M; Maynard JA, (Radiology), **152**: 852, 1984

Maquet principle, anterior displacement of the tibial tubercle in the treatment of patellofemoral disorders: radiologic appearance, Levine RB; Stassi J; Karasick D, (Radiology), 157: 851, 1985

periosteal ganglion: a cause of cortical bone erosion, McCarthy EF; Matz S; Steiner GC; et al, (Radiology), **154**: 556, 1985

tibial torsion measured by computed tomography, Laasonen EM; Jokio P; Lindholm TS, (Radiology), **156**: 281, 1985

Tibia, abnormalities

acquired valgus deformity of the tibia in children, Balthazar DA; Pappas AM, (Radiology), **155**: 552, 1985

congenital posteromedial bowing of the tibia and the fibula, Pappas AM, (Radiology), 155: 552, 1985

radiology of postnatal skeletal development: X. patella and tibial tuberosity, Ogden JA, (Radiology), **154**: 558, 1985

three-phase radionuclide bone imaging in sports medicine, Rupani HD; Holder LE; Espinola DA; Engin SI, (Radiology), 156: 187, 1985

tibial and fibular angles in homozygous sickle cell disease, Akamaguna AI; Odita JC; Ugbodaga CI; et al, (Eur J Radiol), 6: 97, 1986

Tibia, CT

computed tomography of tibial plateau fractures, Rafii M; Firooznia H; Golimbu C; et al, (AJR), 142: 1181, 1984 tibial torsion measured by computed tomography, Laasonen EM; Jokio P; Lindholm TS, (Radiology), **156**: 281, 1985

Tibia, fractures

anterior tibial striations, Daffner RH, (AJR), 143: 651, 1984

computed tomography of tibial plateau fractures, Rafii M; Firooznia H; Golimbu C; et al, (AJR), 142: 1181, 1984

"handedness" of spiral fractures of the tibia, Rosenthal DI; Christensen S; Emerson RH, (Radiology), **154**: 557, 1985

proximal tibial physis fracture and popliteal artery injury, Rivero H; Bolden R; Young LW, (Radiology), **150**: 390, 1984

Segond tibial condyle fracture: lateral capsular ligament avulsion, Dietz GW; Wilcox DM; Montgomery JB, (Radiology), **159**: 467, 1986 three-phase radionuclide bone imaging in sports medicine, Rupani HD; Holder LE; Espinola DA; Engin SI, (Radiology), **156**: 187, 1985

trampoline fracture of the proximal tibia in children, Boyer RS; Jaffe RB; Nixon GW; et al, (AJR), 146: 83, 1986

Tibia, neoplasms

case report 368, Remagen W; Nidecker A; Dolanc B, (Skeletal Radiol), **15**: 330, 1986

giant cell tumour of bone in focal dermal hypoplasia, Joannides T; Pringle JAS; Shaw DG; et al, (Radiology), **152**: 551, 1984

osteofibrous dysplasia (ossifying fibroma of long bones), a study of 12 cases, Nakashima Y; Yamamuro T; Fujiwara Y; et al, (Radiology), 151: 263, 1984

Tinnitus

diagnosis and cure of venous hum tinnitus, Chandler JR, (Radiology), 151: 828, 1984

pulsatile tinnitus arising from jugular megabulb deformity: a treatment rationale, Buckwalter JA; Sasaki CT; Virapongse C; et al, (Radiology), **152**: 859, 1984

tinnitus of venous origin, George B; Reizine D; Laurian C; et al, (Radiology), 150: 861, 1984

long-term effects of cigarette smoking and moderate alcohol consumption on coronary artery diameter: mechanisms of coronary artery disease independent of atherosclerosis or thrombosis?, Fried LP; Moore RD; Pearson TA, (Radiology), 160:

Toes

See Fingers and toes

Tolazoline

optimal use of tolazoline in arteriography, Friedman J; Zeit RM; Cope C; et al. (AJR), 142: 817, 1984

toluene embryopathy, Hersh JH; Podruch PE; Rogers G; et al, (Radiology), **158**: 284, 1986

See also Computed tomography (CT) aphasia following pluridirectional tomography with metrizamide: effect of patient position, Butler MJ; Cornell SH; Damasio AR, (Radiology), 156: 278, 1985

conventional tomography in perspective—1985, Littleton JT, (Radiographics), 6: 336, 1986

gated cardiac tomographic visualization of coronary artery calcification, Markivee CR; Hoyt TS; Francis RA; Burns J; Ruark B, (Radiology), 152: 205, 1984

tomosynthesis applied to digital subtraction angiography, Kruger RA; Sedaghati M; Roy DG; Liu PY; Nelson JA; Kubal W; Del Rio P, (Radiology), 152: 805, 1984

Tomography, radionuclide

omography, radioauchde segmental coronary artery disease: detection by rotating slant-hole collimator tomography and planar thallium 201 myocardial scintigraphy, Starling MR; Dehmer GJ; Lancaster JL; Lasher JC; Walsh RA; Weiland FL; Uhl GS; Blumhardt R, (Radiology), 157: 781, 1985

Tomography, technology

diagnostic accuracy of double-contrast arthrotomography of the temporomandicular joint: correlation with postmortem morphology, Westesson P-L; Rohlin M, (AJNR), 5: 463, 1984

digital tomography: description and preliminary clinical experience, Friedenberg RM; Lightfoote JB; Wang SP; et al, (AJR), **144**: 639, 1985

wang 5r; et al, (AJK), 144: 639, 1985 digital tomosynthesis: technique modifications and clinical applications for neurovascular anatomy, Maravilla KR; Murry RC Jr; Diehl J; Suss RA; Allen L; Chang K; Crawford J; McCoy R, (Radiology), 152: 719, 1984

self-masking subtraction tomosynthesis, Chakraborty DP; Yester MV; Barnes GT; Lakshminarayanan AV, (Radiology), **150**:

spatial resolution of a rotating gamma camera tomographic facility, Webb S; Flower MA; Ott RJ; et al, (Radiology), 153: 863, 1984

Ott R) et al. (Mailiology), 253-369, 1795-tomographic digital subtraction angiography: initial clinical studies using tomosynthesis. work in progress, de Vries N; Miller FJ; Wojtowycz MM; Brown PR; Yandow DR; Nelson JA; Kruger RA, (Radiology), 157: 239, 1085

tomographic DSA using temporal filtration: initial neurovascular application, Anderson RE; Kruger RA; Sherry RG; et al, (AJNR), 5: 277, 1984

Tomosynthesis

See Tomography, technology

Tongue

tongue necrosis after intraarterial vasopressin therapy, Zelch MG; Geisinger MA; Risius B, (AJR), 144: 1283, 1985

Tongue, CT

computed tomography of the tongue in primary amyloidosis, Larsson SG; Benson L; Westerm vk P, (JCAT), 10: 836, 1986

CT demonstation of hemiatrophy and fatty replacement of the tongue, Dion JE; Fox AJ; Pelz D; et al. (Radiology), 157: 858, 1985

hemiatrophy of the tongue and floor of the mouth demonstrated by computed tomography, Larsson SG, (JCAT), 9: 914,

#### Tongue, MR studies

oral cavity and tongue: magnetic resonance imaging, Unger JM, (Radiology), 155: 151, 1985

tongue and oropharynx: findings on MR imaging, Lufkin RB; Wortham DG; Dietrich RB; Hoover LA; Larsson SG; Kangarloo H; Hanafee WN, (Radiology), 161: 69, 1986

#### Tongue, neoplasms

orgue, neoplessis carcinomas of the base of the tongue: diagnosis using double-contrast radiography of the pharynx, Apter AJ; Levine MS; Glick SN, (Radiology), 151: 123, 1984

CT demonstration of hemiatrophy and fatty replacement of the tongue, Dion JE; Fox AJ; Pelz D; et al, (Radiology), **157**: 858, 1985

hemangioma of the tongue demonstrating a perfusion blood pool mismatch, Front D; Groshar D; Israel O; et al, (Clin Nucl Med), 11: 113, 1986

hemiatrophy of the tongue and floor of the mouth demonstrated by computed tomography, Larsson SG, (JCAT), 9: 914, 1985

interstitial radiotherapy of the base of the tongue: improved non-looping afterloading technique, Krithivas G; Feldman MI; Cail DL; Bricout PB; Reyes BL, (Radiology), 150: 601, 1984

local control of squamous cell carcinoma of the mobile tongue: experience of different modalities, Kondo M; Hashimoto S; Dokiya T; et al, (Int J Radiat Oncol Biol Phys), 12: 755, 1986

sonography of the tongue and floor of mouth.
part II: neoplasms of the tongue,
Fruhwald F. Neuhold A; Seidl G; et al., (Eur J Radiol), 6: 108, 1986

Radiol), 6: 108, 1986
squamous-cell carcinoma of the tongue:
preoperative interstitial radium and external
irradiation, part I: local and regional control,
Vermund H; Brennhovd IO; Kaalhus O;
Poppe E, (Radiology), 151: 499, 1984
squamous-cell carcinoma of the tongue:
preoperative interstitial radium and external
irradiation, part II: survival, Vermund H;
Brennhovd IO; Kaalhus O; Poppe E,
(Radiology), 151: 505, 1984

tongue and tonsil cancer: staging with US, Bruneton JN; Roux P; Caramella E; Manzino JJ; Vallicioni J; Demard F, (Radiology), **158**: 743, 1986

Tongue, therapeutic radiology

interstitial radiation therapeutic techniques at Mount Vernon Hospital, Denham JW; Strickland P; Alderson AM; et al, (Radiology), **150**: 870, 1984

interstitial radiotherapy of the base of the tongue: improved non-looping afterloading technique, Krithivas G; Feldman MI; Cail DL; Bricout PB; Reyes BL, (Radiology), 150: 601, 1984

local control of squamous cell carcinoma of the mobile tongue: experience of different modalities, Kondo M; Hashimoto S; Dokiya T; et al, (Int J Radiat Oncol Biol Phys), 12: 755, 1986

post-operative radiotherapy in the management of advanced intra-oral cancers, Robertson AG; McGregor IA; Soutar DS; et al, (Clin Radiol), 37: 173, 1986

squamous-cell carcinoma of the tongue: preoperative interstitial radium and external irradiation. part I: local and regional control, Vermund H; Brennhovd IO; Kaalhus O; Poppe E, (Radiology), 151: 499, 1984

squamous-cell carcinoma of the tongue: preoperative interstitial radium and external irradiation. part II: survival, Vermund H; Brennhovd IO; Kaalhus O; Poppe E, (Radiology), 151: 505, 1984 Tongue, US studies

real-time ultrasound visualization of tongue movement during swallowing, Shawker Th Sonies BC; Stone M; et al, (Radiology), **152**: 562, 1984

sonography of the tongue and floor of mouth. part I: anatomy, Neuhold A; Fruhwald F; Balogh B; et al, (Eur J Radiol), 6: 103, 1986

sonography of the tongue and floor of mouth.
part II: neoplasms of the tongue,
Fruhwald F; Neuhold A; Seidl G; et al, (Eur J Radiol), 6: 108, 1986

tongue movement during speech: a real-time ultrasound evaluation, Shawker TH; Sonies BC, (Radiology), 153: 859, 1984

interstitial radiation therapy for squamous cell carcinoma of the tonsillar region: Creteil experience (1971-1981), Mazeron JJ; Lusinchi A; Marinello G; et al, (Int J Radiat Oncol Biol Phys), 12: 895, 1986

radiation therapy of squamous carcinoma of the tonsil: analysis of prognostic factors and of treatment failures, Vallis MP; Cleeland J; Bradley PJ; et al, (Br J Radiol), 59: 251, 1986

tongue and tonsil cancer: staging with US, Bruneton JN; Roux P; Caramella E; Manzino JJ; Vallicioni J; Demard F, (Radiology), 158: 743, 1986

Tonsils, therapeutic radiology

radiation therapy of squamous carcinoma of the tonsil: analysis of prognostic factors and of treatment failures, Vallis MP; Cleeland J; Bradley PJ; et al, (Br J Radiol), 59: 251, 1986

#### Toxocariasis

detection of *Toxocara* by computed tomography, Dupas B; Barrier J; Barre P, (Br J Radiol), 59: 518, 1986

ocular toxocariasis studied by CT scanning, Edwards MG; Pordell GR, (Radiology), 157: 685, 1985

#### Toxoplasmosis

central nervous system disease in acquired intral nervous system uisease in acquired immunodeficiency syndrome: prospective correlation using CT, MR imaging, and pathologic studies, Post MJD; Sheldon JJ; Hensley CT; Soila KP; Tobias JA; Chan JC; Quencer RM; Moskowitz LB, (Radiology), 158: 141, 1986

CNS toxoplasmosis in acquired immunodeficiency syndrome, Horowitz SL; Bentson JR; Benson DF; et al, (Radiology), 151: 550, 1984

fatal CNS toxoplasmosis in a homosexual man, Delaney P; Neeley S; Schwartz R, (Radiology), **151**: 267, 1984

MR imaging of cerebral toxoplasmosis correlation of computed tomography and pathology, Zee C-S; Segall HD; Rogers C; et al, (JCAT), 9: 797, 1985

retinal neovascularization and ocular toxoplasmosis, Gaynon MW; Boldrey EE, (Radiology), **156**: 861, 1985

small nodular pattern in the lungs due to opportunistic toxoplasmosis, Prosmanne O; Chalaoui J; Sylvestre JJ; et al, (Radiology), 155: 270, 1985

unusual CT presentation of cerebral toxoplasmosis, Cohen W; Koslow M, (JCAT), 9: 384, 1985

dimensions of the growing trachea related to age and gender, Griscom NT; Wohl MEB, (AJR), 146: 233, 1986

hyoid bone elevation: a sign of tracheal transection, Polansky A; Resnick D; Sofferman RA; Davidson TM, (Radiology), 150: 117, 1984

hyoid bone elevation: sign of tracheal transection, Fisher MS, (Radiology), **158**: 564, 1986

hyoid bone elevation: sign of tracheal transection: reply, Resnick D; Polansky AD, (Radiology), **158**: 564, 1986

trachea: blind spot in the chest, Berkmen YM, (Radiol Clin North Am), 22: 539, 1984

#### Trachea, abnormalities

acquired tracheomegaly in very preterm neonates, Bhutani VK; Ritchie WG; Shaffer TH, (Radiology), 161: 864, 1986

"communicating" bronchopulmonary foregut malformations, Leithiser RE Jr; Capitanio MA; Macpherson RI; et al, (AJR), 146: 227, 1986

Trachea, anatomy

CT assessment of the adult intrathoracic cross section of the trachea, Vock P; Spiegel T; Fram EK; et al, (JCAT), 8: 1076, 1984

dimensions of the normal human trachea, Breatnach E; Abbott GC; Fraser RG, (AJR), 142: 903, 1984

Trachea, compression

right-pneumonectomy syndrome: radiologic findings and CT correlation, Shepard J-AO; Grillo HC; McLoud TC; Dedrick CG; Spizarny DL, (Radiology), 161: 661, 1986

Trachea, CT

cine CT demonstration of nonfixed upper airway obstruction, Ell SR; Jolles H; Galvin JR, (AJR), **146**: 669, 1986

Gaiviti Jr., (A)R., 146: 609, 1790 computed-tomographic and conventional linear-tomographic evaluation of tracheobronchial lesions for laser photoresection, Pearlberg JL; Sandler MA; Kvale P; Beute GH; Madrazo BL, (Radiology), 154: 759, 1985

computed tomography evaluation of tracheoesophageal fistula, Vaid YN; Shin MS, (CT), **10**: 281, 1986

computed tomography of diffuse tracheal stenosis in Wegener granulomatosis, Stein MG; Gamsu G; Webb WR; et al, (JCAT), 10: 868, 1986

CT assessment of the adult intrathoracic cross section of the trachea, Vock P; Spiegel T; Fram EK; et al, (JCAT), 8: 1076, 1984

CT of adenoid cystic carcinoma of the trachea, Spizarny DL; Shepard J-AO; McLoud TC; et al, (AJR), 146: 1129, 1986

right-pneumonectomy syndrome: radiologic findings and CT correlation, Shepard J-AO; Grillo HC; McLoud TC; Dedrick CG; Spizarny DL, (Radiology), 161: 661, 1986

#### Trachea, diseases

relaping polychondritis studied by computed tomography, Mendelson DS; Som PM; Crane R; Cohen BA; Spiera H, (Radiology), 157: 489, 1985

right-pneumonectomy syndrome: radiologic findings and CT correlation, Shepard J-AO; Crillo HC; McLoud TC; Dedrick CC; Spizarny DL, (Radiology), 161: 661, 1986

spizally D./, (Rathology), 161-607/ 1816-607/

Trachea, injuries

retrocardiac pneumomediastinum in association with tracheal and esophageal perforations, Amodio JB; Berdon WE; Abramson SJ; et al, (Pediatr Radiol), 16: 380,

# Trachea, intubation

carcinoma recurrence in the tracheal stoma: treatment with intracavitary radiation by modification of tracheostomy tube, Janaki LM; Gardner JE; Medlin VL; Gates JR, (Radiology), 159: 275, 1986

endotracheal tubes in neonates: sonographic positioning, Slovis TL; Poland RL, (Radiology), **160**: 262, 1986

Montgomery tracheal cannula: radiological assessment, Simerman LP; Nino-Murcia G; Nino-Murcia M; et al, (Radiology), 158: 857,

tracheobronchial tree: expandable metallic stents used in experimental and clinical applications. work in progress, Wallace MJ; Charnsangavej C; Ogawa K; Carrasco CH; Wright KC; McKenna R; McMurtrey M; Gianturco C, (Radiology), 158: 309, 1986

#### Trachea, MR studies

MR imaging in infants with airway obstruction: preliminary observations, Fletcher BD; Dearborn DG; Mulopulos GP, (Radiology), 160: 245, 1986

Trachea, neoplasms

carcinoma recurrence in the tracheal stoma: treatment with intracavitary radiation by modification of tracheostomy tube, Janaki LM; Gardner JE; Medlin VL; Gates JR, (Radiology), 159: 275, 1986

computed-tomographic and conventional linear-tomographic evaluation of tracheobronchial lesions for laser photoresection, Pearlberg JL, Sandler MA; Kvale P; Beute GH; Madrazo BL, (Radiology), 154: 759, 1985 CT of adenoid cystic carcinoma of the trachea, Spizarny DL; Shepard J-AO; McLoud TC; et al, (AJR), 146: 1129, 1986

experience with primary neoplasms of the trachea and carina, Pearson FG; Todd TRJ; Cooper JD, (Radiology), 156: 262, 1985

schwannoma of the trachea, Ikezoe J; Sone S; Higashihara T; et al, (Eur J Radiol), **6**: 65, 1986

#### Trachea, stenosis

balloon dilatation of tracheal and bronchial stenosis, Cohen MD; Weber TR; Rao CC, (AJR), **142**: 477, 1984

cine CT demonstration of nonfixed upper airway obstruction, Ell SR; Jolles H Galvin JR, (AJR), 146: 669, 1986

Gaivin JK, (AJK), 146: 609, 1950
complete cartilage-ring tracheal stenosis
associated with anomalous left pulmonary
artery: the ring-sling complex, Berdon WE;
Baker DH; Wung J-T; Chrispin A;
Kozlowski K; de Silva M; Bales P; Alford BA,
(Radiology), 152: 57, 1984

computed tomography of diffuse tracheal stenosis in Wegener granulomatosis, Stein MG; Gamsu G; Webb WR; et al, (JCAT), 10: 868, 1986

extrathoracic airway in acromegaly, Morewood DJW; Belchetz PE; Evans CC; et al, (Clin Radiol), 37: 243, 1986

laryngotracheal stenosis in spondyloepiphyseal dysplasia, Myer CM III; Cotton RT, (Radiology), **157**: 858, 1985

MR imaging in infants with airway obstruction: preliminary observations, Fletcher BD; Dearborn DG; Mulopulos GP, (Radiology), **160**: 245, 1986

narrow trachea in mucopolysaccharidoses, Peters ME: Arya 5; Langer LO; et al, (Radiology), **157**: 569, 1985

pediatric laryngotracheal stenosis, Cotton RT, (Radiology), **157:** 852, 1985

(Radiology), 17-192, 179-192, 1

#### Trachea, surgery

assessment of mucociliary clearance in patients with tracheobronchoplasty using radioaerosol, Kosuda S; Kubo A; Sanmiya T; et al, (J Nucl Med), 27: 1397, 1986

#### Transillumination

See Breast, transillumination

# Transluminal angioplasty

See Arteries, transluminal angioplasty; Veins, transluminal angioplasty

## Transposition of great vessels

balloon and blade atrial septostomy facilitated by two-dimensional echocardiography, Lin AE; Di Sessa TG; Williams RG, (Radiology), **161**: 285, 1986

calcified thrombus of the inferior vena cava in transposition of the great vessels, Velasquez G; D'Souza VJ; Glass TA; et al, (Cardiovasc Intervent Radiol), 9: 19, 1986

congenitally corrected transposition in adults with left atrioventricular valve incompetence, Guit GL; Kroon HM; van Voorthuisen AE; Steiner RM; Chin JG; Buis-Liem T, (Radiology), 155: 567, 1985

congenitally corrected transposition in the adult: detection by radionuclide angiocardiography, Guit GL; Kroon HM; Chin JG; Pauwels EK; van Voorthuisen AE, (Radiology), 157: 521, 1985

congenitally corrected transposition in the adult: detection by radionuclide angiocardiography, Daves ML; Pryor RJ; Bowles CR, (Radiology), 160: 854, 1986

congenitally corrected transposition in the adult: detection by radionuclide angiocardiography: reply, Guit GL; Kroon HM; Chin JG; Pauwels EK; van Voorthuisen AE, (Radiology), 160: 854, 1986

congenitally corrected transposition of the great arteries associated with te pre-excitation syndrome, Nakajima K; Bunko H; Tonami N; et al, (Clin Nucl Med), 11: 564,

levotransposition of the aorta: identification of segmental cardiac anatomy using MR imaging, Guit GL; Bluemm R; Rohmer J; Wenink AC; Chin JG; Doornbos J; van Voorthuisen AE, (Radiology), 161: 673, 1986

transposition of the great arteries, Shapiro SR; Potter BM, (Semin Roentgenol), **20**: 110, 1985

angiography in the management of abdominal trauma, Casarella WJ; Martin EC, (Semin Roentgenol), 19: 321, 1984

apparent arterial occlusion due to pneumatic antishock garment: pitfall in trauma angiography (case report), Morse SS; Strauss EB; Sumpio BE, (AJR), 147: 391, 1986

approach to imaging the upper abdomen in the injured child, Kaufman RA; Babcock DS, (Semin Roentgenol), 19: 308, 1984

arterial trauma: diagnostic and therapeutic angiography, Sclafani SJA; Cooper R; Shaftan CW; Goldstein AS; Glanz S; Gordon DH, (Radiology), 161: 165, 1986

common oversights in the evaluation of the patient with multiple injuries, Rogers LF, (Radiology), 154: 849, 1985

CT of upper abdominal trauma, Federle MP, (Semin Roentgenol), 19: 269, 1984

digital subtraction angiography in extremity trauma, Goodman PC; Jeffrey RB Jr; Brant-Zawadzki M, (Radiology), **153**: 61, 1984

emergency patient. 2d edition. volume 7 of exercises in diagnostic radiology, Langston CS, Reviewed by Bohrer SP, (Radiology), 153: 48, 1984

Entriflex feeding tube: need for care in using it, Kiwak MG; McLoud TC; Dedrick CG; et al, (AJR), 143: 1341, 1984

head trauma evaluated by magnetic resonance and computed tomography: a comparison, Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR: El Yousef SJ; Clampitt ME; Bonstell e CT; Huss RG, (Radiology), 150: 71, 1984

mediastinal-width/chest-width ratio in blunt chest trauma: a reappraisal, Marnocha KE; Maglinte DDT; Woods J; et al, (AJR), 142: 275, 1984

need for routine delayed radionuclide hepatobiliary imaging in patients with intercurrent disease, Drane WE; Nelp WB; Rudd TG, (Radiology), 151: 763, 1984

posttraumatic cardiac dysfunction: assessment with radionuclide ventriculography, Rosenbaum RC; Johnston GS, (Radiology), 160: 91, 1986

scintigraphy in upper abdominal trauma, Gelfand MJ, (Semin Roentgenol), **19**: 296, 1984

strategy for the use of biliary scintigraphy in non-iatrogenic biliary trauma, Zeman RK; Lee CH; Stahl RS; Viscomi GN; Baker C; Cahow CE: Dobbins J; Neumann RD; Burrell MI, (Radiology), 151: 771, 1984

traumatic scapulothoracic dissociation, Rubenstein JD; Ebraheim NA; Kellam JF, (Radiology), 157: 297, 1985

ultrasound in upper abdominal trauma, Kuligowska E; Mueller PR; Simeone JF; et al, (Semin Roentgenol), 19: 281, 1984

upper abdominal trauma: conventional radiology, Mindelzun RE; McCort JJ, (Semin Roentgenol), **19**: 259, 1984

ventricular septal defect due to blunt chest trauma, Olivier LR; Rossouw DS; De Villiers SJ; et al, (Radiology), **150**: 287, 1984

#### Treatment planning

beam data requirements of the Clinac 4 for three-dimensional treatment planning with wedged fields, Lam WC; Lam KS, (Radiology), **153**: 863, 1984

causes and consequences of inhomogeneous dose distributions in radiation therapy, Goitein M, (Int J Radiat Oncol Biol Phys), 12:

computed tomography in radiation therapy treatment planning of hepatic metastases, Rostock RA; Fishman EK; Zinreich ES; et al, (JCAT), 9: 755, 1985

direct multiplanar computed tomography in planning radiotherapy for malignant tumours of the nasopharynx, Silvestre ME; Medina E; Andrea M; et al, (Clin Radiol), 37:

electrom beam dosimetry study of the digits in total body surface irradiation, Wong F; Kwa W, (Radiology), **156**: 288, 1985

fractionated radiation therapy after Strandqvist, Fowler JF, (Radiology), **156**: 288, 1985

graphical method for the analysis of decisions in clinical oncology, Munro AJ, (Clin Radiol), 37: 263, 1986

in clinical oncology, Munro AJ, (Clin Radiol), 37: 263, 1986
implantation of brain tumors with Cf-252: use of computed tomography and magnetic resonance imaging to guide insertion and evaluate response, Maruyama Y; Chin HW; Young AB; Wang PC; Tibbs PA; Beach JL; Goldstein S, (Radiology), 152: 177, 1984 integrated stereotaxic imaging with CT, MR imaging, and digital subtraction angiography, Peters TM; Clark jA; Olivier A; Marchand EP; Mawko G; Dieumegarde M; Muresan LV; Ethier R, (Radiology), 161: 821, 1986
LOCATE: an application of computed tomography in radiation therapy treatment planning with emphasis on tumor localization. Griffin BR; Shuman WP; Luk KH; et al, (Radiology), 154: 287, 1985
MR imaging in radiation therapy planning: work in progress, Shuman WP; Criffin BW; Haynor DR; Johnson JS; Jones DC; Cromwell LD; Moss AA, (Radiology), 156: 143, 1985

143, 1985
multi-dimensional treatment planning: I.
delineation of anatomy, Goitein M;
Abrams M, (Radiology), 151: 279, 1984
multi-dimensional treatment planning: I.
delineation of anatomy, Goitein M;
Abrams M, (Radiology), 154: 287, 1985
multi-dimensional treatment planning: II.
beams's eye-view, back projection, and
projection through CT sections, Goitein M;
Abrams M; Rowell D; et al, (Radiology), 151:
279, 1984

279, 1984

279, 1984
patient immobilization during CT for treatment planning of head and neck cancer, Sewchand W; Aygun C; Nicholson G; Salazar OM, (Radiology), 158: 251, 1986 radiotherapy planning: direct tumor location on simulation and port films using CT. part I. principles, Haynor DR; Borning AW; Griffin BA; Jacky JP; Kalet IJ; Shuman WP, (Radiology), 158: 537, 1986

transferring MR images to radiotherapy localization films, Daffner RH; Dutta TK; Whitman DA, (AJR), **145**: 186, 1985

#### Trichinosis

See Eosinophilia Tricuspid valve

cine-computed tomography of Ebstein anomaly, Garrett JS; Schiller NB; Botvinick EH; et al, (JCAT), 10: 664, 1986

# Tricuspid valve, abnormalities

two-dimensional echocardiographic-surgical correlation in Ebstein's anomaly: preoperative determination of patients requiring tricuspid valve plication vs replacement, Shina A; Seward JB; Tajik AJ; et al, (Radiology), 151: 832, 1984

Tricuspid valve, insufficiency

prenatal ultrasonographic diagnosis of cardiomegaly due to tricuspid incompetence, Brown J; Gunn TR; Mora JD; et al, (Pediatr Radiol), **16**: 440, 1986 Tricuspid valve, prolapse

echocardiographic evaluation of normal and prolapsed tricuspid valve leaflets, Tei C; Shah PM; Cherian G; et al, (Radiology), **152**:

Tricuspid valve, regurgitation case of the season, Yeung SC, (Semin Roentgenol), 21: 5, 1986

Roentgenol), 21: 5, 1986
diagnosing tricuspid regurgitation by direct
imaging of the regurgitant flow in the right
atrium using contrast echocardiography,
Meltzer RS; Vered Z; Benjamin P; et al,
(Radiology), 152: 264, 1984
Doppler detection of tricuspid regurgitation
following Kawasaki disease, Nakano H;
Ueda K; Saito A; et al, (Pediatr Radiol), 16:
123, 1982

123, 1986

two-dimensional echocardiographic determination of right atrial emptying volume: a noninvasive index in quantifying the degree of tricuspid regurgitation, DePace NL; Ren J-F; Kotler MN; et al., (Radiology), 152: 563, 1984

(Radiology), 152: 563, 1984

Tricuspid valve, US studies
diagnosing tricuspid regurgitation by direct
imaging of the regurgitant flow in the right
atrium using contrast echocardiography,
Meltzer R5; Vered Z; Benjamin P; et al,
(Radiology), 152: 264, 1984

echocardiographic evaluation of normal and prolapsed tricuspid valve leaflets, Tei C; Shah PM; Cherian G; et al, (Radiology), **152**:

right-sided native-valve endocarditis caused by actinobacillus actinomycetemcomitans, Hirsh PD; Nixon JV, (Radiology), 152: 562,

two-dimensional echocardiographic determination of right atrial emptying volume: a noninvasive index in quantifying the degree of tricuspid regurgitation, DePace NL; Ren J-F; Kotler MN; et al, (Radiology), 152: 563, 1984

#### Tuberculosis

adenosine deaminase in pleural fluids: test for diagnosis of tuberculous pleural effusion, Ocana I; Martinez-Vazquez JM; Segura RM; et al, (Radiology), 150: 853, 1984

bone scintigraphy in tuberculous sacroiliitis, Salomon CG; Ali A; Fordham EW, (Clin Nucl Med), 11: 407, 1986

cervical tuberculous adenitis: CT manifestations, Reede DL; Bergeron RT, (Radiology), **154**: 701, 1985

computed tomography of renal tuberculosis and its pathological correlates, Goldman SM; Fishman EK; Hartman DS; et al, (JCAT), 9:

computed tomography, sonography, and MR imaging of abdominal tuberculosis, Zirinsky K; Auh YH; Kneeland JB; et al, (JCAT). 9: 961, 1985

false-normal bone imaging in spinal tuberculosis, Pui MH; Chin-Sang HB; Rubenstein JD, (Clin Nucl Med), 11: 245,

magnetic resonance imaging of benign mediastinal masses, Gamsu G; Stark DD; Webb WR; Moore EH; Sheldon PE, (Radiology), 151: 709, 1984

miliary tuberculosis associated with adrenal enlargement: CT appearance, Hauser H; Gurret JP, (JCAT), 10: 254, 1986

MRI of tuberculous spondylitis, de Roos A; van Persijn van Meerten Els L; Bloem JL; et al, (AJR), 147: 79, 1986

progression of mediastinal tuberculosis and superior vena caval obstruction demonstrated by gallium-67 citrate and radiocolloid liver scintigraphy, Shih W-J; DeLand FH; Domstad PA; et al, (Clin Nucl Med) 11: 126, 1986

medy, 11. 120, 1900

role of ultrasonography in the detection of extrapulmonary tuberculosis in patients with acquired immunodeficiency syndron (AIDS), Abiri MM; Kirpekar M; Abiri S, (J Ultrasound Med), 4: 471, 1985

sonography case of the day, Feinberg SB; Crass JR; Kirkham J, (AJR), 144: 1303, 1985

tuberculosis in the Aboriginal: radiological perspective, Bateson EM, (Australas Radiol), 30: 63, 1986

tuberculosis of the ear. contribution of radiology, Marsot-Dupuch K; Wajnapel H; Tubiana JM; et al, (Radiology), **151**: 828, 1984

Tuberculous peritonitis: CT appearance, Hanson RD; Hunter TB, (AJR), 144: 931, 1985

# Tuberculosis, adrenal

CT findings in Addison's disease caused by tuberculosis, Sawczuk IS; Reitelman C; Libby C; et al, (Urol Radiol), 8: 44, 1986

#### Tuberculosis, intestinal

abdominal tuberculosis: CT evaluation, Hulnick DH; Megibow AJ; Naidich DP; Hilton S; Cho KC; Balthazar EJ, (Radiology), 157: 199, 1985

aphthoid ulcers in colonic tuberculosis, Downey DB; Nakielny RA, (Radiology), **158**: 568, 1986

gastric tuberculosis: manifestation of acquired immunodeficiency syndrome, Brody JM Miller DK; Zeman RK; Klappenbach RS; Jaffe MH; Clark LR; Benjamin SB; Choyke PL, (Radiology), **159**: 347, 1986

periportal tuberculous adenitis: CT features, Mathieu D; Ladeb MF; Guigui B; Rousseau M; Vasile N, (Radiology), 161: 713, 1986

#### Tuberculosis, pulmonary

bacteriologically confirmed pulmonary tuberculosis in childhood. clinical and radiological features, Donald PR; Ball JB; Burger PJ, (Radiology), 157: 852, 1985

centrilobular lesions of the lung: demonstration by high-resolution CT and pathologic correlation, Murata K; Itoh H; Todo G; Kanaoka M; Noma S; Itoh T; Furuta M; Asamoto H; Torizuka K, (Radiology), 161: 641, 1986

computed tomography of oleothorax, Mullin DM; Rodan BA; Bean WJ; et al, (CT), 10: 197, 1986

CT findings in tuberculous mediastinitis, Barnett SM, (ICAT), 10: 165, 1986

expanding spectrum of pulmonary disease caused by nontuberculous mycobacteria, Albelda SM; Kern JA; Marinelli DL; Miller WT, (Radiology), 157: 289, 1985

expanding spectrum of pulmonary disease caused by nontuberculous mycobacteria, Rubinstein I, (Radiology), **159**: 815, 1986

oleothorax: expanding pleural lesion, Hutton L, (AJR), 142: 1107, 1984

primary pulmonary tuberculosis in infancy: resurgent disease in the urban United States, Amodio JB; Abramson SJ; Berdon WE, (Pediatr Radiol), 16: 185, 1986

radiographic appearance of tuberculosis in patients with the acquired immune deficiency syndrome (AIDS) and pre-AIDS, Pitchenik AE; Rubinson HA, (Radiology), 156: 853, 1985

radiological patterns of pulmonary tuberculosis in the paediatric age group, Lamont AC; Cremin BJ; Pelteret RM, (Pediatr Radiol), 16: 2, 1986

thoracic tuberculosis, mycobacteriosis, MERosis, and BCGosis in a cancer treatment center, Hill CA, (Radiology), **153**: 311, 1984

update: radiographic features of pulmonary tuberculosis, Woodring JH; Vandiviere HM; Fried AM; et al, (AJR), 146: 497, 1986

value of gallium-67 scanning in pulmonary tuberculosis, Walsh TJ; Bekerman C; Chausow A; et al, (Radiology), 158: 857, 1986 Tuberculosis, skeletal

tuberculous pathological fracture of the femur in a 15-year-old boy, Jenyo MS; Komolafe F, (Pediatr Radiol), **16**: 260, 1986

# Tuberculosis, therapy

computed tomography of oleothorax, Mullin DM; Rodan BA; Bean WJ; et al, (CT), 10: 197, 1986

oleothorax: expanding pleural lesion, Hutton L, (AIR), 142: 1107, 1984

#### Tuberous sclerosis

See Sclerosis, tuberous **Tumoral calcinosis** 

See Calcium

Turner syndrome See Chromosomes, abnormalities

amnionicity and chorionicity in twin pregnancies: prediction using ultrasound, Mahony BS; Filly RA; Callen PW, (Radiology), 155: 205, 1985

in utero findings in twin pentalogy of Cantrell, Baker ME; Rosenberg ER; Trofatter KF; et al, (J Ultrasound Med), 3:

525, 1994 in vitro fertilization and embryo transfer complicated by simultaneous ectopic and intrauterine twin gestation, Simpson EL; Coleman BC; Sondheimer SJ; et al, (J Ultrasound Med), 5: 49, 1986

role of ultrasound in the management of twin pregnancies, Pridmore BR, (Radiology), **158**: 862, 1986

sequential computer-assisted hepatobiliary scintigraphy in the evaluation of conjoined twins, Wong DF; Espinola D; Camargo EE; et al, (AJR), 142: 479, 1984

sonographic evaluation of multiple pregnancy, Crane JP, (Semin US CT MR), 5: 144, 1984

twin and singleton growth patterns compared using US, Grumbach K; Coleman BG; Arger PH; Mintz MC; Gabbe SV; Mennuti MT, (Radiology), 158: 237, 1986

# Twins abnormalities

acardiac anomaly: review of the subject with

acardiac anomaly: review of the subject with case report and emphasis on practical sonography, Gibson JY; D'Cruz CA; Patel RB; et al. (JCU). 14: 541. 1986 anencephaly with encephalocele in craniopagus twins: prenatal diagnosis by ultrasonography and computed tomography, Abram SL; Callen PW; Anderson RL; et al. (J Ultrasound Med), 4: 485 1985 485, 1985

antenatal diagnosis of ipsilateral multicystic kidney in identical twins, Filion R; Grignon A; Boisvert J, (J Ultrasound Med), 4: 211, 1985

early second-trimester sonographic diagnosis of thoracopagus twins, Blum E; Pearlman M; Graham D; et al, (JCU), 14: 207, 1986

prenatal sonographic appearance of meconium ileus in twins, Denholm TA; Crow HC; Edwards WH; et al, (AJR), 143: 371, 1984

prenatal ultrasonographic diagnosis of a sacrooccygeal teratoma in twin pregnancy, Sherowsky RC; Williams CH; Nichols VB; et al, (J Ultrasound Med), 4: 159, 1985

sequential computer-assisted hepatobiliary scintigraphy in the evaluation of conjoined twins, Wong DF; Espinola D; Camargo EE; et al, (AJR), 142: 479, 1984

sonographic evaluation of multiple pregnancy, Crane JP, (Semin US CT MR), 5: 144, 1984

#### **Typhlitis**

ee Intestines, inflammation

# U

#### Ulcer See Peptic ulcer Ulna

case report 355, Retrum RK; Wepfer JF; Olen DW; et al, (Skeletal Radiol), 15: 185,

Paget disease with contraction of long bones, Lander PH; Hadjipavlou AG, (Radiology),

radiologic aspects of the Galeazzi lesion, De Carvalho A; Moller JT; Vestergard-Andersen T, (Radiology), 155: 272, 1985

# Ultrasound (US)

See also under names of organs and regions, such as Heart, US studies

abdominal ultrasound as a screening method, Kremer H: Dobrinski W: Schreiber MA; et al, (Radiology), 156: 281,

advanced imaging techniques. volume 2 of modern neuroradiology, Newton TH; Potts DG, ed, Reviewed by Ekholm SE, (Radiology), 153: 144, 1984

American Institute of Ultrasound policy and statement on safety, Ziskin MC, (Ultrasound Med Biol), 12: 711, 1986

Australia, Buttery B, (JCU), 14: 652, 1986 clinical sonography: a practical guide, Sanders RC, Reviewed by Alexander DL, (Radiology), **153**: 506, 1984

critical parameters in pulsed ultrasound exposures, Barnett SB, (Ultrasound Med Biol), 12: 697, 1986

design and implementation of a computer-based ultrasound data system, Ott WJ, (J Ultrasound Med), 5: 25, 1986

determination of in situ exposure, O'Brien WD, (Ultrasound Med Biol), 12: 695, 1986

diagnostic ultrasonography: certain legal considerations, James AE Jr; Fleischer AC; Thieme GA; et al, (J Ultrasound Med), 4: 427,

dosage specifications for ultrasound equipment, Frizzell LA, (Ultrasound Med Biol), 12: 707, 1986

effect of temperature on ultrasonic images in infant cadavers, Lamont AC; Cremin BJ, (Br J Radiol), 59: 271, 1986

Radiol), 59: 271, 1986 environmental health criteria 22: ultrasound, World Health Organization, Reviewed by Roe S, (Radiology), 152: 502, 1984 evolution of the ultrasonic examination, Birnholz JC, (Radiology), 158: 287, 1986 exercises in diagnostic radiology; diagnostic ultrasound. 2d. ed., Vol. 8, Gosink BB, Squire LF, Reviewed by Lamont BM, (Radiology), 151: 186, 1984 exposure parameters for diagnostic equipment, Nyborg WL, (Clin Diagn Ultrasound), 16: 183, 1985 first steps in the development of the Doppler

first steps in the development of the Doppler flowmeter, Kaneko Z, (Ultrasound Med Biol), 12: 187, 1986

John Brown B, (Radiology), 155: 285, 1985 Japanese policy and status of standardisation, Ide M, (Ultrasound Med Biol), 12: 705, 1986

legal aspects of diagnostic sonography, James AE Jr; Bundy AL; Fleischer AC; et al, (Semin US CT MR), 6: 207, 1985

manual of ultrasound, Lutz H; Meudt R, Reviewed by DeMarino G, (Radiology), 153: 498, 1984

measurement and characterisation of bioteasurement and characterisation of 101-medical ultrasonic fields: summary of the London Meeting on Ultrasound Standards, 5 July 1985, Preston RC, (Ultrasound Med Biol), 12: 706, 1986

minicomputer-based system for obstetric ultrasound analysis, with multi-user and networking capability, Simon NV; Hansberry PA; Shearer DM; et al. (I Ultrasound Med), 4: 545, 1985

Overview of the AIUM/NEMA standard and the draft IEC standard for ultrasound exposure measurements, Preston RC, (Ultrasound Med Biol), 12: 680, 1986

physical considerations, Kremkau FW, (Clin Diagn Ultrasound), **16**: 9, 1985

policy statement of the Australian Society for Ultrasound in Medicine, Garrett WJ, (Ultrasound Med Biol), 12: 714, 1986

policy statement of the European Federation of Ultrasound Societies for Ultrasound in Medicine and Biology, Bang J, (Ultrasound Med Biol), 12: 715, 1986

Med Biol., 12: 17, 1909
policy statement of the Japanese Society for Ultrasound in Medicine, Maeda K. (Ultrasound Med Biol), 12: 716, 1986
policy statement of the Royal College of Obstetricians and Gynaecologists (RCOG) of the United Kingdom, (Ultrasound Med Biol), (Ultrasou

policy statement of the World Health Organisation, Lehtinen E, (Ultrasound Med Biol), 12: 718, 1986

practical aspects of ultrasound dosimetry: hydrophone performance, Lewin PA, (Ultrasound Med Biol), 12: 699, 1986

problems in establishing criteria for medical ultrasound, Nyborg WL, (Ultrasound Med Biol), 12: 679, 1986

real-time ultrasound: a manual for physicians and technical personnel, Bartrum RJ Jr; Crow HC, Reviewed by Wolfman NT, (Radiology), 151: 454, 1984

safety of ultrasound with selective emphasis for obstetrics, O'Brien WD Jr, (Semin US CT MR), 5: 105, 1984

simple reporting system for obstetrical ultrasonography, Jeanty P, (J Ultrasound Med), 4: 591, 1985

simple tailored microcomputer system for the obstetrical ultrasound laboratory, Carrasco CR; Leymaster CE, (J Ultrasound Med), 5: 21, 1986

Med), 5: 21, 1986
sonography and endoscopy as mutually complementary diagnostic methods, Farrenkopf E, (Radiology), 150: 298, 1984
standards and guidelines for medical ultrasound, Ziskin MC; Nyborg WL, (Clin Diagn Ultrasound), 16: 169, 1985
teaching file program for use in an ultrasound department, Garra BS; Kurtz D; Shawker TH; et al., (J Ultrasound Med), 5: 313, 1986

ed., 1980 textbook of diagnostic ultrasonography. 2d ed., Hagen-Ansert SL, Reviewed by Krebs CA, (Radiology), 151: 460, 1984 ultrasound annual 1982, Sanders RC, ed, Reviewed by Raptopoulos VD, (Radiology), 151: 170, 1984

ultrasound investigations at a general hospital. a 5-year survey at Ga-Rankuwa Hospital, Pretoria, Todes JV, (Radiology), **152:** 868,

use of ultrasound in developing countries, Kurjak A; Breyer B, (Ultrasound Med Biol), 12: 611, 1986

#### Ultrasound (US), artifact

artifacts in ultrasound imaging, Kremkau FW; Taylor KJW, (J Ultrasound Med), 5: 227, 1986

clinical manifestations of the comet tail artifact, Thickman DI; Ziskin MC; Goldenberg NJ; et al, (Radiology), **151**: 835, 1984

effect of temperature on ultrasonic images in infant cadavers, Lamont AC; Cremin BJ, (Br J Radiol), 59: 271, 1986

pseudoepidural reverberation artifact: common ultrasound artifact in fetal cranium, Stanley JH; Harrell B; Horger EO III, (JCU), 14: 251, 1986

pseudolesion of the liver caused by rib cartilage in B-mode ultrasonography, Bonhof JA; Linhart P, (J Ultrasound Med), 4:

retrolenticular afterglow: echo enhancement artifact, Ziskin MC; LaFollette PS Jr; Radecki PD; et al, (J Ultrasound Med), 5: 385,

ring-down artifact, Avruch L; Cooperberg PL, (J Ultrasound Med), 4: 21, 1985

split image artifact in pelvic ultrasonography: anatomy and physics, Sauerbrei EE, (J Ultrasound Med), 4: 29, 1985

ultrasonic refraction by the rectus abdominis muscles: double image artifact, Muller NL; Cooperberg PL; Rowley VA; et al, (J Ultrasound Med), 3: 515, 1984

V-shaped artifact of the gallbladder wall, Lafortune M; Gariepy G; Dumont A; et al, (AJR), 147: 505, 1986

# Ultrasound (US), biological effects

acoustic emission as a measure of exposure of suspended cells *in vitro*, Edmonds PD; Ross P, (Ultrasound Med Biol), **12**: 297, 1986

biological effects in laboratory animals, O'Brien WD Jr, (Clin Diagn Ultrasound), 16: 77, 1985

biological effects of acoustic cavitation, Carstensen EL, (Ultrasound Med Biol), 12: 703, 1986

detection of temperature induced structural changes in T4B and T7 bacteriophages by means of high precision acoustic velocity measurements, Shilnikov GV; Khusainov AA; Sarvazyan AP; et al, (Ultrasound Med Biol), 12: 511, 1986

developmental effects of ultrasound exposur in mammals, Sikov MR, (Ultrasound Med Biol), 12: 686, 1986

diagnostic ultrasound and sister chromatid exchanges: failure to reproduce positive findings, Ciaravino V; Brulfert A; Miller MW; et al, (Radiology), **156**: 283, 1985

effects of ultrasound on blood and the circulation, Williams AR, (Clin Diagn Ultrasound), 16: 49, 1985

epidemiological study: safety of diagnostic ultrasound during pregnancy on fetus and child development, Mukubo M, (Ultrasound Med Biol), 12: 691, 1986

epidemiology and human exposure, Ziskin MC, (Clin Diagn Ultrasound), 16:

haemolysis in vivo by therapeutic intensities of ultrasound, Williams AR; Miller DL; Gross DR, (Ultrasound Med Biol), 12: 501, 1986

human epidemiological studies, Lyons EA, (Ultrasound Med Biol), 12: 689, 1986

influence of dissolved gases on chemical and biological effects of ultrasound, Kondo T; Kuwabara M; Sato F; et al, (Ultrasound Med Biol), 12: 151, 1986

investigations into genetic and inherited changes produced by ultrasound, Thacker J, (Clin Diagn Ultrasound), 16: 67, 1985

in vitro biological effects of ultrasound, Williams AR, (Ultrasound Med Biol), 12: 685, 1986

in vitro studies: single cells and multicell spheroids, Miller MW, (Clin Diagn Ultrasound), 16: 35, 1985

lack of discernible effect of diagnostic ultrasound on the chromosomes of cord blood lymphocytes exposed in utero, Henderson LM; Aghamohammadi SZ; Arlett CF; et al, (Br J Radiol), 59: 499, 1986

lack of effect of pulsed ultrasound on ABO antigens of human erythrocytes in vitro, Miller DL; Lamore BJ; Boraker DK, (Ultrasound Med Biol), 12: 209, 1986

mechanisms, Nyborg WL, (Clin Diagn Ultrasound), 16: 23, 1985

studies on safety of diagnostic ultrasound, Maeda K, (Ultrasound Med Biol), 12: 693,

susceptibility of the human fetus to physical damage, Bang J, (Ultrasound Med Biol), 12: 683, 1986

thermal and heart rate response to ultrasonic exposure in the second and third trimester dog fetus, Gross DR; Williams AR; Wagner-Mann C; et al, (J Ultrasound Med), 5: 507,

ultrasonically induced intravascular streaming and thrombus formation adjacent to a micropipette, Frizzell LA; Miller DL; Nyborg WL, (Ultrasound Med Biol), 12: 217, 1986

ultrasonically induced morphological changes in the mammalian neonatal spinal cord, Borrelli MJ; Frizzell LA; Dunn F, (Ultrasound Med Biol), 12: 285, 1986

ultrasonic bioeffects and their clinical relevance: an overview, Ziskin MC, (Clin Diagn Ultrasound), **16**: 1, 1985

ultrasonic nonlinearity parameter of biological media and its dependence on tissue structure, Dunn F, (Ultrasound Med Biol), 12: 701, 1986

ultrasound and the mammalian fetus, Carstensen EL; Gates AH, (Clin Diagn Ultrasound), 16: 85, 1985

Ultrasound (US), catheter identification sonographic detection of drainage catheter debris, LaBerge JM; Callen PW, (J Ultrasound Med), 4: 629, 1985

Ultrasound (US), comparative studies application of real-time ultrasound imaging during surgical procedures, Sigel B; Coelho JCU; Machi J; et al., (Radiology), 151: 556, 1984

556, 1984
comparative value of invasive and noninvasive techniques for identifying left ventricular mural thrombi, Starling MR; Crawford MH; Sorenson SG; et al, (Radiology), 152: 863, 1984
comparison of real-time scanning with conventional static B-mode scanning, Hunter TB; Haber K, (Radiology), 152: 868, 1984

congenitally corrected transposition in the adult: detection by radionuclide angiocardiography, Guit GL; Kroon HM; Chin JG; Pauwels Ek; van Voorthuisen AE, (Radiology), 157: 521, 1985

congenitally corrected transposition in the adult: detection by radionuclide angiocardiography, Daves ML; Pryor RJ; Bowles CR, (Radiology), 160: 854, 1986

congenitally corrected transposition in the adult: detection by radionuclide angiocardiography: reply, Guit GL; Kroon HM; Chin JG; Pauwels EK; van Voorthuisen AE, (Radiology), 160: 854, 1986

detection of breast carcinoma: comparison of automated water-path whole-breast sonography, mammography, and physical examination, Egan RL; Egan KL, (AJR), 143:

experimental assessment of imaging variables associated with operative ultrasonic and radiographic cholangiography, Machi J; Sigel B; Spigos DG; et al, (Radiology), 153: 280, 1984

extrapancreatic spread of acute pancreatitis: new observations with real-time US, Jeffrey RB Ir; Laing FC; Wing VW, (Radiology), 159: 707, 1986

pelvic masses in pregnant patients: MR and US imaging, Weinreb JC; Brown CE; Lowe TW; Cohen JM; Erdman WA, (Radiology), 159: 717, 1986

real-time vs. static scanning in the diagnosis of abdominal and pelvic abscesses, Gross BH; Chinn DH; Callen PW; et al, (Radiology), 151: 833, 1984

sonographic identification of collecting system duplications, Schaffer RM; Shin YH; Becker JA, (Radiology), 151: 833, 1984 sonography vs. excretory urography in acute flank pain, Hill MC; Rich JI; Mardiat JG; et al, (AJR), 144: 1235, 1985

two dimensional transesophageal echocardiography: comparison of ultrasonic and anatomic cross-sections, Hinrichs A; Schuter M; Kremer P; e al, (Radiology), 152:

ultrasonography of the rotator cuff, Crass JR; Craig EV; Bretzke C; Feinberg SB, (Radiographics), 5: 941, 1985

ultrasound versus excretory urography in evaluating acute flank pain, Laing FC; Jeffrey RB Jr; Wing VW, (Radiology), 154: 613, 1985

# Ultrasound (US), contrast media

automated production and analysis of echo contrast agents, Keller MW; Feinstein SB; Briller RA; et al, (J Ultrasound Med), 5: 493,

diagnosis of left ventricular to right atrial shunt utilizing contrast echocardiography, Shanes JG; Levitsky S; Seyal MS; et al, (Radiology), 152: 563, 1984

hepatic tumors: US contrast enhancement with CO<sub>2</sub> microbubbles, Matsuda Y; Yabuuchi I, (Radiology), **161**: 701, 1986

hydrogen peroxide contrast echocardiography, Gaffney FA; Lin J-C; Peshock RM; et al, (Radiology), **152**: 563, 1984

- hydrogen peroxide contrast-enhanced twodimensional echocardiography: real-time in vivo delineation of regional myocardial perfusion, Kemper AJ; O'Boyle JE; Sharma S; et al, (Radiology), 151: 832, 1984
- left coronary arterial blood flow: noninvasive detection by Doppler US, Gramiak R; Holen J; Moss AJ; Gutierrez OH; Picone AL; Roe SA, (Radiology), 159: 657, 1986
- perfluorochemicals as liver- and spleenseeking ultrasound contrast agents, Mattrey RF; Leopold GR; vanSonnenberg E; et al, (Radiology), **151**: 560, 1984
- production of microbubbles for use as echo contrast agents, Butler BD, (JCU), 14: 408, 1986

#### Ultrasound (US), CT

- tissue characterization of the testes using ultrasonic CT: work in progress, Bland PH; DiPietro MA; Chenevert TL; Hutchinson RJ; Carson PL, (Radiology), 159: 101, 1986
- ultrasonic computed tomography of the breast: improvement of image quality by use of cross-correlation time-of-flight and phaseinsensitive attenuation measurements, Chenevert TL; Bylski DI; Carson PL; Meyer CR; Bland PH; Adler DD; Schmitt RM, (Radiology), 152: 155, 1984

#### Ultrasound (US), Doppler studies

- absolute flow measurements using pulsed Doppler US: work in progress, Walter JP; McGahan JP; Lantz BMT, (Radiology), 159: 545, 1986
- antenatal measurement of fetal umbilical venous flow by pulsed Doppler and B-mode ultrasonography, Chen H-Y; Lu C-C; Cheng Y-T; et al. (J Ultrasound Med), 5: 319, 1986
- blood flow in deep abdominal and pelvic vessels: ultrasonic pulsed-Doppler analysis, Taylor KJW; Burns PN; Woodcock JP; Wells PNT, (Radiology), 154: 487, 1985
- cardiovascular applications of multi-gate pulsed Doppler systems, Reneman RS; van Merode T; Hick P; et al, (Ultrasound Med Biol), 12: 357, 1986
- characteristics of blood flow velocity in the hypertensive canine pulmonary artery, Frantz EG; Henry GW; Lucas CL; et al, (Ultrasound Med Biol), 12: 379, 1986
- clinical application of an ultrasonic duplex system in the quantitative measurement of portal blood flow, Moriyasu F; Ban N; Nishida O; et al. (JCU), 14: 579, 1986
- combined continuous wave Doppler and radionuclide delay methods versus angiography in detection of vertebral basilar arterial obstruction, De Bray J-M; Dauzat M; Pouplard F; et al. (J Ultrasound Med), 4: 55, 1985
- comparison of CW Doppler ultrasound spectra with the spectra derived from a flow visualization model, Poots JK; Johnston KW; Cobbold RSC; et al, (Ultrasound Med Biol), 12: 125, 1986
- detection of intracranial carotid artery disease by continuous-wave Doppler sonography, Biedert S; Winter R; Betz H; et al, (Neuroradiol), 28: 296, 1986
- diagnosis of giant varix of the coronary vein by pulsed-Doppler sonography, Huey H; Cooperberg PL; Bogoch A, (AJR), 143: 77, 1984
- digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy, Archer CW; Turnipseed WD; Sacket JF; et al, (Radiology), 150: 292, 1984
- Doppler-echocardiographic assessment of cardiac output, Ascah KJ; Stewart WJ; Levine RA; et al, (Radiol Clin North Am), 23: 659, 1985
- Doppler echocardiography: theory, instrumentation, technique, and application, Nishimura RA; Miller FA; Callahan MJ; et al, (Radiology), 157: 574, 1985
- Doppler ultrasound assessment of the femoropopliteal segment: comparison of different methods using ROC curve analysis, Baker AR, Prytherch DR; Evans DH; et al, (Ultrasound Med Biol), 12: 473, 1986

- duplex carotid sonography: correlation with digital subtraction angiography and conventional angiography, Jackson VP; Kuehn DS; Bendick PJ; et al, (J Ultrasound Med), 4: 239, 1985
- duplex carotid sonography: criteria for stenosis, accuracy, and pitfalls, Jacobs NM; Grant EG; Schellinger D; Byrd MC; Richardson JD; Cohan SL, (Radiology), 154: 385, 1985
- duplex Doppler: identification of cavernous transformation of the portal vein, Weltin G; Taylor KJW; Carter AR; et al, (AJR), 144: 999, 1985
- duplex scanning in presumably normal persons of different ages, Zbornikova V; Lassvik C, (Ultrasound Med Biol), 12: 371,
- duplex scanning with continuous wave Doppler for carotid disease, Rush M; Thomas M; Zyroff J; et al, (Radiology), 159: 575, 1986
- duplex ultrasound imaging: vascular applications, Wetzner SM; Kiser LC; Bezreh JS, (Radiology), **150**: 507, 1984
- echo-Doppler (duplex) system for the detection of vertebral artery occlusive disease: comparison with angiography, Visona A; Lusiani L; Castellani V; et al, (J Ultrasound Med), 5: 247, 1986
- evaluation of dilated cardiomyopathy by pulsed Doppler echocardiography, Gardin JM; Iseri LT; Elkayam U; et al, (Radiology), **152**: 265, 1984
- first steps in the development of the Doppler flowmeter, Kaneko Z., (Ultrasound Med Biol), 12: 187, 1986
- genesis of the systolic murmur of idiopathic hypertrophic subaortic stenosis: phonocardiographic, echocardiographic, and pulsed Doppler ultrasound correlations, Chandraratna PAN; Aronow WS, (Radiology), 150: 615, 1984
- hepatic artery pseudoaneurysm: diagnosiwith real-time and pulsed Doppler US, Falkoff GE; Taylor KJW; Morse SS, (Radiology), **158**: 55, 1986
- influence of spectral broadening on continuous wave Doppler ultrasound spectra: geometric approach, Bascom PAJ; Cobbold RSC; Roelofs BHM, (Ultrasound Med Biol), 12: 387, 1986
- intraoperative Doppler techniques for arterial evaluation, Zierler RE, (Semin US CT MR), 6: 73, 1985
- left coronary arterial blood flow: noninvasive detection by Doppler US, Gramiak R; Holen J; Moss AJ; Gutierrez OH; Picone AL; Roe SA, (Radiology), 159: 657, 1986
- noninvasive diagnosis of interrupted inferior vena cava: gated pulsed Doppler application, Ritter SB; Bierman FZ, (Radiology), **151**: 559, 1984
- noninvasive evaluation of Blalock-Taussig shunts: determination of patency and differentiation from patent ductus arteriosus by Doppler echocardiography, Stevenson JG; Kawabori I; Bailey WW, (Radiology), 152: 265, 1984
- on the use of autoregressive time series in the modelling of Doppler signals for diagnostic purposes, D'Alessio T; Di Giuliomaria C; Sacco R; et al, (Radiology), 152: 268, 1984
- portal venous hemodynamics in chronic liver disease: effects of posture change and exercise, Ohnishi K; Saito M; Nakayama T; Iida S; Nomura F; Koen H; Okuda K, (Radiology), 155: 757, 1985
- quantitative flow measurements with Doppler ultrasound: techniques, accuracy, and limitations, Burns PN; Jaffe CC, (Radiol Clin North Am), 23: 641, 1985
- quantitative sonography, Robinson DE; Gill RW; Kossoff G, (Ultrasound Med Biol), 12: 555, 1986
- removable extraluminal Doppler probe for continuous monitoring of changes in cardiac output, Keagy BA; Lucas CL; Hsiao HS; et al, (Radiology), 152: 864, 1984
- renal allografts in acute rejection: evaluation using duplex sonography, Rigsby CM; Taylor KJW; Weltin GG; Burns PN; Bia M; Princenthal RA; Kashgarian M; Flye MW, (Radiology), 158: 375, 1986
- renal artery stenosis: duplex Doppler evaluation, Dubbins PA, (Br J Radiol), 59: 225, 1986

- renal carcinoma: duplex Doppler evaluation, Dubbins PA; Wells I, (Br J Radiol), 59: 231,
- transcranial Doppler sonography, examination technique and normal reference values, Arnolds BJ; von Reutern G-M, (Ultrasound Med Biol), 12: 115, 1986
- transcranial measurement of blood velocities in the basal cerebral arteries using pulsed Doppler ultrasound: method of assessing the circle of Willis, Padayachee TS; Kirkham FJ; Lewis RR; et al, (Ultrasound Med Biol), 12: 5, 1986
- transcutaneous detection of subcritical arterial stenoses by Doppler signal spectrum analysis, Bendick PJ; Glover JL; Dilley RS, (Radiology), 152: 868, 1984
- unidirectinal 8-MHz continuous wave Doppler equipment can facilitate catheterization of the internal jugular vein, Schregel W; Straub H; Singbartl G, (J Ultrasound Med), 5: 421, 1986
- vasculogenic impotence evaluated by highresolution ultrasonography and pulsed Doppler spectrum analysis, Lue TF; Hricak H; Marich KW; Tanagho EA, (Radiology), 155: 777, 1985 versatile test-object for the calibration of
- versatile test-object for the calibration of ultrasonic Doppler flow instruments, McDicken WN, (Ultrasound Med Biol), 12: 245, 1986
- vertebral artery occlusion producing lateral medullary syndrome diagnosed by pulsed Doppler ultrasound, Harpold GJ; Wood CPL; Biller J; et al, (J Ultrasound Med), 4: 93, 1985

# Ultrasound (US), experimental

- absolute flow measurements using pulsed Doppler US: work in progress, Walter JP; McGahan JP; Lantz BMT, (Radiology), **159**: 545, 1986
- accuracy of volume determination by twodimensional echocardiography: defining requirements under controlled conditions in the ejecting canine left ventricle, Weiss JL; Eaton LW; Kallman CH; et al, (Radiology), 151: 273, 1984
- acoustic emission as a measure of exposure of suspended cells *in vitro*, Edmonds PD; Ross P, (Ultrasound Med Biol), **12:** 297, 1986
- attenuation of ultrasound: magnitude and frequency dependence for tissue characterization, Parker KJ; Lerner RM; Waag RC, (Radiology), 153: 785, 1984
- biological effects in laboratory animals, O'Brien WD Jr, (Clin Diagn Ultrasound), **16**: 77, 1985
- canine left ventricular mass estimation by twodimensional echocardiography, Schiller NB; Skioldebrand CG; Schiller EJ; et al. (Radiology), 151: 558, 1984
- can ultrasound cause genetic damage?, Martin AO, (Radiology), 152: 567, 1984
- Martin AO, (kadiology), 132-304, 132-304, detection of temperature induced structural changes in T4B and T7 bacteriophages by means of high precision acoustic velocity measurements, Shilnikov GV; Khusainov AA; Sarvazyan AP; et al. (Ultrasound Med Biol), 12: 511, 1986
- developmental effects of ultrasound exposure in mammals, Sikov MR, (Ultrasound Med Biol), 12: 686, 1986
- diagnostic ultrasound and sister chromatid exchanges: failure to reproduce positive findings, Ciaravino V; Brulfert A; Miller MW; et al, (Radiology), 156: 283, 1985
- different degrees of atherosclerosis detected by backscattered ultrasound: an in vitro study on fixed human aortic walls, Picano E; Landini L; Distante A; et al, (Radiology), 152: 262, 1984
- effects of diagnostic ultrasound on sister chromatid exchange frequencies: a review of the recent literature, Jacobson-Kram D, (Radiology), **152**: 567, 1984
- effects of pulsed ultrasound on the fetus, Carstensen EL; Gates AH, (Radiology), **154**: 569, 1985
- hemodynamic derangement associated with right ventricular diastolic collapse in cardiac tamponade: an experimental echocardiographic study. Leimgruber PP; Klopenstein HS; Wann LS; et al, (Radiology), 151: 832, 1984
- (Radiology), 131: 852, 1504 hydrogen peroxide contrast-enhanced twodimensional echocardiography: real-time in vivo delineation of regional myocardial perfusion, Kemper Aj; O'Boyle IE; Sharma S; et al, (Radiology), 151: 832, 1984

# Ultrasound (US), experimental

- influence of in vitro experimental design, Miller MW, (Ultrasound Med Biol), 12: 682,
- in vitro studies: single cells and multicell spheroids, Miller MW, (Clin Diagn Ultrasound), **16:** 35, 1985
- mitral valve orifice method for noninvasive two-dimensional echo Doppler determinations of cardiac output, Fisher DC; Sahn DJ; Friedman MJ; et al, (Radiology), 151: 273, 1984
- mitral valve prolapse in short-term experimental coronary occlusion: a possible experimental coronary occlusion: a possible mechanism of ischemic mitral regurgitation, Tei C; Sakamaki T; Shah PM; et al, (Radiology), **151**: 557, 1984
- pulsed Doppler echocardiographic method for calculation of pulmonary and systemic flow accuracy in a canine model with ventricular septal defect, Valdes-Cruz LM; Horowitz S; Mesel E; et al, (Radiology), 151: 832, 1984
- quantitative texture analysis of twouantitative texture analysis of two-dimensional echocardiography: application to the diagnosis of experimental myocardial contusion, Skorton DJ; Collins SM; Nichols J; et al, (Radiology), **151**: 831, 1984
- relations between 2-dimensional echocardiographic wall thickening abnormalities, myocardial infarct size and coronary risk area in normal and hypertrophied myocardium in dogs, Pandian NG; Koyanagi S; Skorton DJ; et al, (Radiology), **152**: 863, 1984
- sister chromatid exchanges and diagnostic ultrasound, Liebeskind D, (Radiology), 152: 567, 1984
- sonographic monitoring of hepatic cryosurgery in an experimental animal model, Onik G; Gilbert J; Hoddick WK; et al, (AJR), 144: 1043, 1985
- sonography of coagulated blood—experimental and clinical findings, Aufschnaiter M, (Radiology), **151:** 276, 1984
- tissue characterization of the testes using ultrasonic CT: work in progress, Bland PH; DiPietro MA: Chenevert TL; Hutchinson RJ, Carson PL, (Radiology), 159: 101, 1986
- two-dimensional Doppler echocardiographic method for calculation of pulmonary and systemic blood flow in a canine model with a variable-sized left-to-right extracardiac shunt, Meijboom El; Valdes-Cruz LM; Horowitz S; et al, (Radiology), 151: 831, 1984
- ultrasonically induced morphological changes in the mammalian neonatal spinal cord. Borrelli MJ; Frizzell LA; Dunn F, (Ultrasound Med Biol), 12: 285, 1986
- ultrasonic assessment of fetal growth in the nonhuman primate (macaca mulatta), Nyland TG; Hill DE; Hendrickx AG; et al, (Radiology), 156: 283, 1985
- ultrasonic computed tomography of the breast: improvement of image quality by use of cross-correlation time-of-flight and phase insensitive attenuation measurements, Chenevert TL; Bylski DI; Carson PL; Meyer CR; Bland PH; Adler DD; Schmitt RM, (Radiology), **152**: 155, 1984
- ultrasonic tissue characterization and histopathology in tumor xenografts following ultrasonically induced hyperthermia, Silverman RH; Coleman DJ; Lizzi FL; et al, (Ultrasound Med Biol), 12:
- ultrasound and the mammalian fetus Carstensen EL; Gates AH, (Clin Diagn Ultrasound), 16: 85, 1985
- ultrasound biologic effects: a suggestion of strain specificity, O'Brien WD Jr; Januzik SJ; Dunn F, (Radiology), **150**: 872, 1984
- ultrasound does not affect human lymphocyte transformation in vitro, Katoh AK; Charoensiri S, (Radiology), **152:** 272, 1984

#### Ultrasound (US), in infants and children

- applications of ultrasound in the neonatal abdomen, Shkolnik A, (Radiol Clin North Am), 23: 141, 1985
- ascites in the fetus, neonate, and young child: emphasis on ultrasonographic evaluation, Newman B; Teele RL, (Semin US CT MR), 5: 85, 1984

- "bright brain", Skeffington FS; Pearse RG, (Radiology), 151: 821, 1984
- calcar avis: demonstration with cranial US, DiPietro MA; Brody BA; Teele RL, (Radiology), **156**: 363, 1985
- central nervous system sonography in neonates and infants, Dittrich M; Dinkel E; Peters H, (Radiology), **152**: 253, 1984
- congenital diaphragmatic hernia: US diagnosis prior to 22 weeks gestation, Benacerraf BR; Greene MF, (Radiology), **158**: 809, 1986
- cranial ultrasound in preterm infants: long-term follow-up, Baerts W; Meradji M, (Radiology), **158**: 574, 1986
- distended gasless abdomen: fertile field for ultrasound, Seibert JJ; Williamson SL; Golladay ES; et al, (J Ultrasound Med), 5: 301, 1986
- echographic demonstration of extracerebral fluid collections with the lateral technique, Mercker JM; Blumhagen JD; Brewer DK (Radiology), 151: 822, 1984
- ectopic ureter and ureterocele: their varied sonographic manifestations, Nussbaum AR; Dorst JP; Jeffs RD; Gearhart JP; Sanders RC, (Radiology), **159**: 227, 1986
- endotracheal tubes in neonates: sonographic positioning, Slovis TL; Poland RL, (Radiology), 160: 262, 1986
- extension of neonatal intraventricular hemorrhage, Levene MI; De Vries L (Radiology), 154: 852, 1985
- gastric trichobezoar: sonographic findings, McCracken S; Jongeward R; Silver TM; Jafri SZH, (Radiology), **161**: 123, 1986
- high-resolution spinal sonography in infants, Kangarloo H; Gold RH; Diament MJ; et al, (AJNR), 5: 191, 1984
- immobilization for pediatric ultrasonography, Taus RH; McCarthy SJ, (J Ultrasound Med),
- impact of new imaging systems on paediatric radiology, Sweet EM, (Radiology), 151: 549,
- inadvertent ligation of the left pulmonary artery, Jaffe RB; Orsmond GS; Veasy LG, (Radiology), **161**: 355, 1986
- indications for routine cranial ultrasound scanning in the nursery, Sims ME; Halterman G; Jasani N; et al, (JCU), 14: 443,
- infant hip: assessment with real-time US, Boal DKB; Schwenkter EP, (Radiology), 157:
- Infant hip: real-time US assessment of acetabular development, Morin C; Harcke HT; MacEwen GD, (Radiology), 157: 673, 1985
- inguinal ovaries in children demonstrated by high resolution real-time ultrasound, Goske MJ; Emmens RW; Rabinowitz R, (Radiology), 151: 635, 1984
- intracranial hemorrhage in neonates with erythroblastosis fetalis: sonographic and CT findings, Grant EG; Schellinger D; Grosso MA; et al, (AJNR), 5: 259, 1984
- intracranial hemorrhage in the hypoxic-ischemic infant: ultrasound demonstration of unusual complications, Slovis TL; Shankaran S; Bedard MP; Poland RL (Radiology), 151: 163, 1984
- intramedullary spinal cord tumors in children: localization by intraoperative sonography, Raghavendra BN; Epstein FJ; McCleary L, (AJNR), 5: 395, 1984
- intraoperative neurosonography in pediatrics Shkolnik A; Atlas S; McLone DG, (Radiographics), 4: 945, 1984
- (Radiographics), 4, 745, 1997
  natural history of neonatal
  periventricular/intraventricular
  hemorrhage and its complications:
  sonographic observations, Bowerman RA;
  Donn SM; Silver TM; et al, (AJNR), 5: 527,
- neonatal leukencephalopathy: common form of cerebral ischemia, Schellinger D; Grant EG; Richardson JD, (Radiographics), 5: 221, 1985
- neurosonographic recognition of subependymal cysts in high-risk neonates, Clair MR, Zalneratiis EL; Baim RS; et al, (AJNR), 5: 761, 1984
- noninvasive diagnosis of persistent fetal circulation versus congenital cardiovascular defects, Linday LA; Ehlers KH; O'Loughlin JE; et al, (Radiology), **152**: 554,

- normal, absent, and abnormal corpus callosum: sonographic findings, Babcock DS, (Radiology), **151**: 449, 1984
- (Radiology), 151: 449, 1984 normal vascular anatomy on transfontanellar real time ultrasound in the newborn, Monsaingeon V; Thabault S; Bomsel F, (Radiology), 153: 565, 1984 pediatric pelvis, Babcock DS; Han BK, (Clin Diagn Ultrasound), 15: 27, 1984 pediatric sonography, Weitzel D, (Radiology), 151: 549, 1984

- 151: 549, 1984 periventricular infarction diagnosed by ultrasound: a postmortem correlation, Nwaesei CG; Pape KE; Martin DJ; et al, (Radiology), 154: 851, 1985 postappendectomy fluid collections in children: incidence, nature, and evolution evaluated using US, Baker DE; Silver TM; Coran AG; McMillin KI, (Radiology), 161: 341-1986.
- Coran AG; McMillin KI, (Radiology), AGE 341, 1986
  prediction of the severity of left ventricular outflow tract obstruction by quantitative two-dimensional echocardiographic Doppler studies, Lima CO; Sahn DJ; Valdes-Cruz LM; et al. (Radiology), 151: 823, 1984
- procedural hazards of neonatal ultrasonography, DiPietro MA; Faix RG; Donn SM, (JCU), 14: 361, 1986
- questions concerning safety and use of cranial ultrasonography in the neonate, Bergman I, (Radiology), 152: 848, 1984
- renal masses in the fetus and neonate: ultrasonographic diagnosis, Barth RA; Mindell HJ, (Semin US CT MR), 5: 3, 1984
- Mindell HJ, (Semin US CT MR), 5: 3, 198 renal transplant rejection: sonographic evaluation in children, Slovis TL; Babcock DS; Hricak H; Han BK; Rose G; McEnery P; Muz H; Chang C-H; Fleischman LE; Corbett DP, (Radiology), 152: 659–1084 153: 659, 1984
- 153: 659, 1984 septal veins: normal finding on neonatal cranial sonography, Goldstein RB, Filly RA; Toi A, (Radiology), 161: 623, 1986 sonographic appearance of congenital malignant astrocytoma, Osborn RA; McGahan JP; Dublin AB, (AJNR), 5: 814,
- sonographic appearance of the torcular herophili, Segal SR; Rosenberg HK, (AJNR), 6: 919, 1985
- 6: 919, 1909 sonographic assessment of renal length in normal children, Rosenbaum DM; Korngold E; Teele RL, (AJR), 142: 467, 1984 sonographic assessment of the biliary system in childhood, Peters H; Dittrich M; Dinkel E, (Radiology), 152: 255, 1984
- sonographic detection of portal venous gas in infants with necrotizing enterocolitis, Merritt CRB: Goldsmith JP; Sharp MJ, (AJR), 143: 1059, 1984
- sonographic diagnosis of urinary tract obstruction in childhood, Dinkel E; Peters H; Dittrich M, (Radiology), **152**: 255,
- sonographic evaluation of urinary tract infections in children, Ben-Ami T, (Semin US CT MR), 5: 19, 1984 sonographic examination of gallbladder
- kinetics in childhood—a comparison between healthy children and mucoviscidosis patients, Klingmuller V; Abiodun P; Baumgarten K, (Radiology), **150**: 290, 1984
- 290, 1964 sonographic recognition of in utero intraventricular hemorrhage, McGahan JP; Haesslein HC; Meyers M; et al, (AJR), **142**: 171, 1984
- sonographic screening of the newborn, Wei\*zel D; Peters H; Humburg C, (Radiology), **156**: 275, 1985
- sonography of the caudal spine and back: congenital anomalies in children, Naidich TP; Fernbach SK; McLone DG; et al, (AJNR), 5: 221, 1984
- sonography of the internal capsule and basal ganglia in infants: 1. coronal sections, Naidich TP; Gusnard DA; Yousefzadeh DK, (AJNR), 6: 909, 1985
- spontaneous resolution of cholelithiasis in infants, Keller MS; Markle BM; Laffey PA; Chawla HS; Jacir N; Frank JL, (Radiology), 157: 345, 1985
- 157: 345, 1985 timing and course of neonatal intracranial hemorrhage using real-time ultrasound, Rumack CM; Manco-Johnson ML; Manco-Johnson MJ; Koops BL; Hathaway WE; Appareti K, (Radiology), 154: 101, 1985 timing and evolution of periventricular haemorrhage in infants weighing 1250 g or less at birth, Szymonowicz W; Yu VYH, (Radiology), 153: 273, 1984

- transfontanellar ultrasound of term infants, Hayward C, (Radiology), **155**: 549, 1985
- two-dimensional echocardiographic assessment of caval and pulmonary venous pathways after the Senning operation, Chin AJ; Sanders SP; Williams RG; et al, (Radiology), 151: 548, 1984
- ultrasonographic evaluation of the renal parenchyma in infancy and childhood, Hayden CK Jr; Santa-Cruz FR; Amparo EG; Brouhard B; Swischuk LE; Ahrendt DK, (Radiology), 152: 413, 1984
- ultrasonography in the jaundiced infant: new approach, Green D; Carroll BA, (J Ultrasound Med), 5: 323, 1986
- ultrasound and computed tomography of the infant brain: clinical comparison, Lipinski JK; Cremin BJ, (Člin Radiol), 37: 365, 1986
- ultrasound and necropsy study of periventricular hemorrhage in preterm infants, Szymonowicz W; Schafler K; Cussen LJ et al, (Radiology), 154: 852, 1985
- ultrasound appearance of the brain in very preterm infants and neurodevelopmental outcome at 18 months of age, Stewart AL; Thorburn RJ; Hope PL; et al, (Radiology), 151: 821, 1984
- ultrasound evaluation of neck masses in children, Sherman NH; Rosenburg HK; Heyman S; et al, (Radiology), **157**: 282, 1985
- ultrasound in the evaluation of hypoxicischemic injury and intracranial hemorrhage in neonates: the state of the art, Slovis TL; Shankaran S, (Radiology), 153: 273, 1984
- ultrasound of the neonatal craniocervical junction, Cramer BC; Jequier S; O'Gorman AM, (AJNR), 7: 449, 1986
- US anatomy of the posterior fossa in children: correlation with brain sections, Yousefzadeh DK; Naidich TP, (Radiology), 156: 353, 1985
- use of ultrasound in childhood thyroid disorders, Bachrach LK; Daneman D; Daneman A; et al, (Radiology), **152**: 256, 1984
- water-path ultrasound of chest disease in childhood, Miller JH; Reid BS; Kemberling CR, (Radiology), 152: 401, 1984

# Ultrasound (US), intraoperative

- abdominal and miscellaneous applications of intraoperative ultrasound, Bowerman RA; McCracken S; Silver TM; et al, (Radiol Clin North Am), 23: 107, 1985
- application of real-time ultrasound imaging during surgical procedures, Sigel B; Coelho JCU; Machi J; et al, (Radiology), **151**: 556, 1984
- assessment of flow in aortocoronary grafts, Segadal L, (Semin US CT MR), 6: 68, 1985
- brain gliomas: sonographic characterization, McGahan JP; Ellis WG; Budenz RW; Walter JP; Boggan JE, (Radiology), **159**: 485, 1986
- central canal of the spinal cord: ultrasonic identification, St. Amour TE; Rubin JM; Dohrmann GJ, (Radiology), **152**: 767, 1984
- characterization of intracranial neoplasms by CT and intraoperative sonography, Gooding GAW; Boggan JE; Weinstein PR, (AJNR), 5: 517, 1984
- Doppler and B-mode ultrasound for avascular nephrotomy, Riedmiller H; Thuroff J; Alken P; et al, (Radiology), 151: 560, 1984
- efficacy of intraoperative US for evaluating intracranial masses, Rubin JM; Dohrmann GJ, (Radiology), 157: 509, 1985
- imaging ultrasound in the intraoperative diagnosis of vascular defects, Sigel B; Flanigan DP; Schuler JJ; et al, (Radiology), 152: 864, 1984
- indications for ultrasound-controlled interventions under permanent view, Otto RC, (Radiology), **151:** 275, 1984
- intramedullary spinal cord tumors in children: localization by intraoperative sonography, Raghavendra BN; Epstein FJ; McCleary L, (AJNR), 5: 395, 1984
- intraoperative abdominal ultrasonography: initial experience with a dedicated highresolution operative transducer, Rifkin MD; Mack LA; Lennard ES; et al, (J Ultrasound Med), 5: 429, 1986
- intraoperative Doppler techniques for arterial evaluation, Zierler RE, (Semin US CT MR), 6: 73, 1985

- intraoperative neurosonography: application and technique, Rogers JV III; Shuman WP; Hirsch JH; et al, (AJNR), 5: 755, 1984
- intraoperative neurosonography in pediatrics, Shkolnik A; Atlas S; McLone DG, (Radiographics), 4: 945, 1984
- intraoperative neurosurgical ultrasound, Merritt CRB; Voorhies RM; Connolly E; et al, (Semin US CT MR), 6: 31, 1985
- intraoperative sonographic delineation of lowgrade brain neoplasms defined poorly by computed tomography, Knake JE; Chandler WF; Gabrielsen TO; Latack JT; Gebarski SS, (Radiology), 151: 735, 1984
- intraoperative sonographic monitoring of reduction of thoracolumbar burst fractures, McGahan JP; Benson D; Chehrazi B; et al, (AJNR), 6: 787, 1985
- intraoperative sonographic monitoring of reduction of thoracolumbar burst fractures, McGahan JP; Benson D; Chehrazi B; et al, (AJR), 145: 1229, 1985
- intraoperative sonography: clinical usefulness in liver surgery, Igawa S; Sakai K; Kinoshita H; Hirohashi K, (Radiology), 156: 473, 1985
- intraoperative sonography during lumbar laminectomy: work in progress, Gooding CAW; Boggan JE; Weinstein PR, (AJNR), 5: 751, 1984
- intraoperative sonography in spinal trauma, Montalvo BM; Quencer RM; Green BA; Eismont FJ; Brown MJ; Brost P, (Radiology), 153: 125, 1984
- intraoperative sonography of the pancreas, Smith SJ; Vogelzang RL; Donovan J; et al, (AJR), **144**: 557, 1985
- intraoperative sonography of the spine and spinal cord, Rubin JM; Dohrmann GJ, (Semin US CT MR), 6: 48, 1985
- intraoperative spinal sonography: adjunct to metrizamide CT in the assessment and surgical decompression of posttraumatic spinal cord cysts, Quencer RM; Morse BMM; Green BA; et al, (AJNR), 5: 71, 1984
- intraoperative spinal sonography in thoracic and lumbar fractures: evaluation of Harrington rod instrumentation, Quencer RM; Montalvo BM; Eismont FJ; et al, (AJNR), 6: 353, 1985
- intraoperative spinal sonography of soft-tissue masses of the spinal cord and spinal canal, Quencer RM; Montalvo BM; Green BA; et al, (AJNR), 5: 507, 1984
- intraoperative spinal sonography of soft-tissue masses of the spinal cord and spinal canal, Quencer RM; Montalvo BM; Green BA; et al, (AJR), 143: 1307, 1984
- intraoperative ultrasonographic diagnosis of Budd-Chiari syndrome, Nakao K; Miyata M; Takenaka H; et al, (JCU), 14: 562, 1986
- intraoperative ultrasound examination of the brain: possible pitfalls in diagnosis and biopsy guidance, Pasto ME; Rifkin MD, (Radiology), 154: 563, 1985
- intraoperative US as an aid to intraoperative electron beam radiation therapy, Schoenecker 5A; Mack LA; Russell AH; Cyr DR; Shuman WP; Lennard ES; Montana MA, (Radiology), 160: 251, 1986
- intraoperative uses of real-time ultrasound, Mittelstaedt CA; Staab EV; Drobnes WE; Daniel EB, (Radiographics), 4: 267, 1984
- monitoring hepatic cryosurgery with sonography, Onik G; Kane R; Steele G; et al, (AJR), 147: 665, 1986
- neurosurgical applications of intraoperative ultrasound, Knake JE; Bowerman RA; Silver TM; et al, (Radiol Clin North Am), 23: 73, 1985
- neurosurgical sonography: intraoperative and postoperative imaging of the brain, Gooding GAW; Boggan JE; Powers SK; et al, (AJNR), 5: 521, 1984
- new motor-driven surgical probe and its in vitro comparison with the Cavitron Ultrasonic Surgical Aspirator, Chan KK; Watmough DJ; Hope DT; et al, (Ultrasound Med Biol), 12: 279, 1986
- normal intraoperative spinal sonography, Quencer RM; Montalvo BM, (AJNR), 5: 501, 1984
- normal intraoperative spinal sonography, Quencer RM; Montalvo BM, (AJR), 143: 1301, 1984

- normal stomach wall and gastric cancer: evaluation with high-resolution operative US, Machi J; Takeda J; Sigel B; Kakegawa T, (Radiology), 159: 85, 1986
- operative sonography of the biliary tree and pancreas, Sigel B; Machi J; Anderson KW III; et al, (Semin US CT MR), 6: 2, 1985
- operative ultrasonic imaging of vascular defects, Sigel B; Machi J; Anderson KW III; et al, (Semin US CT MR), 6: 85, 1985
- operative ultrasonography in the biliary tract during pregnancy, Machi J; Sigel B; McGrath EC; et al, (Radiology), 156: 570, 1985
- posttraumatic progressive myelopathy. clinical and radiologic correlation employing MR imaging, delayed CT metrizamide myelography, and intraoperative sonography, Gebarski SS; Maynard FW; Gabrielsen TO; Knake JE; Latack JT; Hoff JT, (Radiology), 157: 379, 1985
- real-time sonography during spinal surgery, Knake JE; Gabrielsen TO; Chandler WF; Latack JT; Gebarski SS; Yang PJ, (Radiology), 151: 461, 1984
- real-time ultrasonography of the spinal cord: intraoperative and postoperative imaging, Pasto ME; Rifkin MD; Rubenstein JB; et al, (Radiology), 155: 279, 1985
- renal stone surgery using B-mode and Doppler ultrasonic scanning for stone localization and avascular nephrotomy, Thuroff JW; Alken P; Riedmiller H; et al, (Semin US CT MR), 6: 15, 1985
- spine and spinal cord during neurosurgical operations: real-time ultrasonography, Rubin JM; Dohrmann GJ, (Radiology), 155: 197, 1985
- time requirements for intraoperative neurosonography, Quencer RM; Montalvo BM, (AJNR), 7: 155, 1986
- transducer frequency considerations in intraoperative US of the spine, Gooding GAW; Berger MS, Linkowski GD; Dillon WP; Weinstein PR: Boggan JE, (Radiology), 160: 272, 1986
- (Radiology), 160: 2/2, 1986 ultrasonic renal lithotripsy: single-stage percutaneous technique and adjuvant radiological procedures, Bush WH; Brannen GE; Burnett LL; Wales LR, (Radiology), 152: 387, 1984
- (Rausingy), 152 Ser. 152 Williams and Inepatic tumors using high-resolution linear-array real-time instruments, Sheu J-C; Sung J-L; Chen D-S; Yu J-Y; Wang T-H, (Radiology), 150: 797,
- ultrasound guided removal of an intracranial bullet: case report, De Campo JF; Myers D; Klug GL, (Australas Radiol), 30: 6, 1986

# Ultrasound (US), pediatric

#### See Ultrasound (US), in infants and children Ultrasound (US), physics

- absorption of longitudinal and shear waves and generation of heat in soft tissues, Filipczynski L, (Ultrasound Med Biol), 12: 223, 1986
- acoustic properties of polyvinyl chloride gelatin for use in ultrasonography, Chan B; Merton-Gaythorpe JV; Kadaba MP; Zafaranloo S; Bryk D, (Radiology), 152: 215, 1984
- attenuation of ultrasound: magnitude and frequency dependence for tissue characterization, Parker KJ; Lerner RM; Waag RC, (Radiology), 153: 785, 1984
- critical parameters in pulsed ultrasound exposures, Barnett SB, (Ultrasound Med Biol), 12: 697, 1986
- determination of in situ exposure, O'Brien WD, (Ultrasound Med Biol), 12: 695, 1986
- diagnostic spectrum analysis in ophthalmology: physical perspective, Feleppa EJ; Lizzi FL; Coleman DJ; et al, (Ultrasound Med Biol), 12: 623, 1986
- evaluation of frequency dependence of backscatter coefficient in normal and atherosclerotic aortic walls, Landini L; Sarnelli R; Picano E; et al, (Ultrasound Med Biol), 12: 397, 1986
- graphical description of scattering, Greenleaf JF, (Ultrasound Med Biol), 12: 603, 1986
- influence of spectral broadening on continuous wave Doppler ultrasound spectra: geometric approach, Bascom PAJ; Cobbold RSC; Reolofs BHM, (Ultrasound Med Biol), 12: 387, 1986

- locations of peak pressures and peak intensities in finite amplitude beams from a pulsed focused transducer, Duck FA; Starritt HC, (Ultrasound Med Biol), 12: 403, 1986
- inedical physics of CT and ultrasound: tissue imaging and characterization. medical physics monograph 6, Fullerton GD; Zagzebski JA, ed, Reviewed by Judy PF, (Radiology), 151: 252, 1984
- particle image-resolution test object, Goldstein A; Clayman W, (Radiology), 151: 838, 1984
- physics of high-resolution ultrasound—practical aspects, Walter JP, (Radiol Clin North Am), 23: 3, 1985
- practical aspects of ultrasound dosimetry hydrophone performance, Lewin PA, (Ultrasound Med Biol), 12: 699, 1986
- properties of diagnostic pulse echo ultrasound, Hassler D; Kohl W, (Radiology), **154**: 288, 1985
- quantitative contrast measurements in B-mode images: comparison between experiment and theory, Bly SHP; Lee-Chahal D; Foster DR; et al, (Ultrasound Med Biol), 12: 197, 1986
- quantitative sonography, Robinson DE; Gill RW; Kossoff G, (Ultrasound Med Biol), 12: 555, 1986

# Ultrasound (US), technology

- abdominal ultrasound in the upright position using real-time techniques, Eisenscher A; Jacquemard P; Jouffroy J; et al, (Radiology), 150: 297, 1984
- acoustic properties of polyvinyl chloride gelatin for use in ultrasonography, Chan B; Merton-Gaythorpe JV; Kadaba MP; Zafaranloo S; Bryk D, (Radiology), **152**: **215**, 1984
- automated breast sonography using a 7.5-MHz PVDF transducer: preliminary clinical evaluation. work in progress, Jackson VP; Kelly-Fry E; Rothschild PA; Holden RW; Clark SA, (Radiology), 159: 679, 1986
- caveats in the sonographic determination of fetal femur length for estimation of gestational age, Krook PM; Wawrukiewicz AS; Hackethorn JC, (Radiology), 154: 823, 1985
- chorionic villi sampling; a new technique for detection of genetic abnormalities in the first trimester, Cadkin AV; Ginsberg NA; Pergament E; Verlinski Y, (Radiology), 151: 159, 1984
- comparative analysis of ultrasonographic methods of gestational age assessment, Smazal SF Jr; Weisman LE; Hopper KD; et al, (Radiology), 151: 560, 1984
- comparison of convex and linear transducers for sonographic assessment of te liver, spleen, and pancreas, Nakanishi T; Ogawa H; Kawamura T; et al, (AJR), 143: 1110. 1984
- comparison of the performance of commercial ultrasound breast scanners versus a laboratory instrument, Baum G, (Radiology), 152: 268, 1984
- computers in ultrasound, Jones JP (Radiographics), 5: 105, 1985
- coronal sonography: review of abdominal applications, Cubberley DA; Gosink BB; Forsythe J, (J Ultrasound Med), 4: 35, 1985
- critical evaluation of continuous-wave Doppler probes for carotid studies, Douville Y; Arenson JW; Johnston KW; et al, (Radiology), 151: 272, 1984
- deep venous thrombosis: detection by highresolution real-time ultrasonography, Raghavendra BN; Rosen RJ; Lam S; Riles T; Horii SC, (Radiology), 152: 789, 1984
- dosage specifications for ultrasound equipment, Frizzell LA, (Ultrasound Med Biol), 12: 707, 1986
- duplex ultrasonography: its expanding role in noninvasive vascular diagnosis, Grant EG, (Radiol Clin North Am), 23: 563, 1985
- echo-free silicone elastomer block for ultrasonography, Claes HP; Reygaerts DO; Boven FA; Leemans J; De Boeck M; Geurts JM, (Radiology), 150: 596, 1984
- effect of display format on detectability, Thickman DI; Ziskin MC; Goldenberg NJ, (Radiology), **150**: 616, 1984
- endosonography in gynecology: preliminary experience, Popp L; Lueken RP; Muller-Holve W; et al, (Radiology), **151:** 275, 1984

- estimation of bladder volume by sonocystography, Hakenberg OW; Ryall RL; Langlois SL; et al, (Radiology), 151: 560, 1984
- FM sonography in diffuse liver disease: prospective assessment and blinded analysis, Ralls PW; Johnson MB; Kanel G; Dobalian DM; Colletti PM; Boswell WD Jr; Radin DR; Halls JM, (Radiology), 161: 451, 1986
- focal and diffuse liver disease studied by quantitative microstructural sonography, King DL; Lizzi FL; Feleppa EJ; Wai PM; Yaremko MM; Rorke MC; Herbst J, (Radiology), 155: 457, 1985
- frequency-demodulated US: evaluation in the liver. work in progress, Aufrichtig D; Lottenberg S; Hoefs J; Ferrari LA; Friedenberg RM; Kanel G; Cole-Beuglet C; Leeman S, (Radiology), 160: 59, 1986
- image processing to reduce ultrasonic speckle, Sommer FG; Sue JY, (Radiology), 152: 868, 1984
- investigating the efficacy of current quality assurance performance tests in diagnostic ultrasound, Donofrio NM Jr.; Hansen JA; Hirsh JH; et al, (Radiology), **154**: 861, 1985
- measurement accuracy of sonographic sector scanners, Winter J; Kimme-Smith C; King W III, (AJR), 144: 645, 1985
- measuring the time of flight of ultrasonic pulses with local resolution, Newiger H; Giese K; Harder D, (Radiology), 150: 297, 1984
- medical imaging systems, Macovski A, Reviewed by High M, (Radiology), **153**: 458, 1984
- new simple procedure for immersion sonography of scrotum in real-time technique, Fischer P; Franken T; Molitor D, (Radiology), 150: 299, 1984
- new sonographic method for investigating the scrotal content via a rotating sound head, Penkert A, (Radiology), **150**: 299, 1984
- on calculating the perimeter of an ellipse, Birnholz JC, (Radiology), 153: 573, 1984
- percutaneous ultrasonic lithotripsy: choice of irrigant, Shlitz RE; Hanno PM; Wein AJ; et al, (Radiology), 152: 552, 1984
- phased array ultrasound imaging through planar tissue layers, Smith SW; Trahey GE; von Ramm OT, (Ultrasound Med Biol), 12: 229, 1986
- plastic wrap for US transducer sterility or sanitization, Laing FC; Ryan T; Hadley K; Jeffrey RB Jr; Wing VW, (Radiology), 160: 846, 1986
- portable ultrasound examinations in intensive care units, Harris RD; Simeone JF; Mueller PR; et al, (J Ultrasound Med), 4: 463, 1985
- real-time ultrasonography of the pelvis as an adjunct to the digital examination, Bluth EI; Ferrari BT; Sullivan MA, (Radiology), 153: 789. 1984
- renal stone shadowing: investigation of contributing factors, King W III; Kimme-Smith C; Winter J, (Radiology), 154: 191, 1985
- sectional planes of sonographic upper abdomen diagnosis, Helgenberger H, (Radiology), **150**: 297, 1984
- simple device for determining an index of echogenicity, Espinasse P; Desuzinges C; Cercassi JC, (Radiology), 152: 867, 1984
- sonographic examination of the mediastinum and upper abdomen by fiberoptic gastroscope, Rifkin MD; Gordon SJ; Goldberg BB, (Radiology), 151: 175, 1984
- sonourethrography: a technique for evaluation of the prostatic urethra, Rifkin MD, (Radiology), 153: 791, 1984
- tissue-equivalent upper abdominal phantom, Scherzinger AL; Carson PL; Clayman W; et al, (Radiology), **152**: 868, 1984
- tongue and tonsil cancer: staging with US, Bruneton JN; Roux P; Caramella E; Manzino JJ; Vallicioni J; Demard F, (Radiology), 158: 743, 1986
- transrectal prostatic ultrasonography: comparison of linear array and radial scanners, Rifkin MD, (J Ultrasound Med), 4: 1, 1985
- transrectal ultrasound tomography by electronic linear scanner, Schuller J; Walther V, (Radiology), **150**: 299, 1984

- tubeless hypotonic duodenography with water: simple aid in sonography of the pancreatic head, Op den Orth JO, (Radiology), **154**: 826, 1985
- ultrasonographic determinations of renal mas and renal volume, Jones TB; Riddick LR; Harpen MD; et al, (Radiology), 151: 559, 1984
- ultrasound mammography: effects of focal zone placement, Kimme-Smith C; Hansen M; Bassett L; Sarti D; King W III, (Radiographics), 5: 955, 1985
- US evaluation of the rotator cuff, Mack LA; Matsen FA III; Kilcoyne RF; Davies PK; Sickler ME, (Radiology), 157: 205, 1985
- US of the upper abdomen: factors influencing image quality, Windler EET; Lempp FL, (Radiology), 157: 513, 1985
- water-path ultrasound of chest disease in childhood, Miller JH; Reid BS; Kemberling CR, (Radiology), 152: 401, 1984

# Ultrasound (US), therapeutic

- balloon obturation of the renal collecting system during percutaneous ultrasonic lithotripsy, Pollack HM; Banner MP; Van Arsdalen KN, (AJR), 143: 305, 1984
- effects of therapeutic ultrasound on the activity of the mononuclear phagocyte system *in vivo*, Saad AH; Williams AR, (Ultrasound Med Biol), 12: 145, 1986
- local hyperthermia by ultrasound for cancer therapy, Lele PP, (Clin Diagn Ultrasound), 16: 135, 1985
- surgical applications of ultrasound, Wells PNT, (Clin Diagn Ultrasound), 16: 157, 1985
- therapeutic applications of ultrasound, Dyson M, (Clin Diagn Uitrasound), **16**: 121, 1985
- therapeutic ultrasound, Coleman DJ; Lizzi FL; Silverman RH; et al, (Ultrasound Med Biol), 12: 633, 1986
- ultrasonic lithotripsy of gallstones after cholecystostomy, Gacetta DJ; Cohen MJ; Crummy AB; et al, (AJR), 143: 1088, 1984
- ultrasonic renal lithotripsy: single-stage percutaneous technique and adjuvant radiological procedures, Bush WH; Brannen GE; Burnett LL; Wales LR, (Radiology), 152: 387, 1984

# Ultrasound (US), tissue characterization

- attenuation of ultrasound: magnitude and frequency dependence for tissue characterization, Parker KJ; Lerner RM; Waag RC, (Radiology), 153: 785, 1984
- focal and diffuse liver disease studied by quantitative microstructural sonography, King DL; Lizzi FL; Feleppa EJ; Wai PM; Yaremko MM; Rorke MC; Herbst J, (Radiology), 155: 457, 1985
- measurement of attenuation and scatterer spacing in human liver tissue: preliminary results, Sommer FG; Gregory PB; Fellingham LL; et al, (J Ultrasound Med), 3: 557, 1984
- quantitative sonography, Robinson DE; Gill RW; Kossoff G, (Ultrasound Med Biol), 12: 555, 1986
- quantitative US attenuation in normal liver and in patients with diffuse liver disease: importance of fat, Taylor KJW, Riely CA; Hammers L, Flax S; Weltin GG; Garcia-Tsao G; Conn HO; Kuc R: Barwick KW, (Radiology), 160: 65, 1986
- removal of air from liver specimens via vacuum, Sommer FG; Solomon H; Carroll B, (JCU), 14: 277, 1986
- spleen structure in Hodgkin disease: ultrasonic characterization: work in progress, Sommer FG; Hoppe RT; Fellingham LL; Carroll BA; Solomon H; Yousem S, (Radiology), 153: 219, 1984
- tissue characterization from ultrasound B-scan data, Nicholas D; Nassiri DK; Garbutt P; et al, (Ultrasound Med Biol), 12: 135, 1986
- tissue characterization of the testes using ultrasonic CT: work in progress, Bland PH; DiPietro MA; Chenevert TL; Hutchinson RJ; Carson PL, (Radiology), 159: 101, 1986
- tissue characterization of WFUMB '85, Robinson DE; Bamber JC; Doust B; et al, (Ultrasound Med Biol), 12: 725, 1986

- ultrasonic characterization: prospects of tumor diagnosis, Thijssen JM, (Radiology), 156: 863, 1985
- ultrasonic tissue characterization and histopathology in tumor xenografts following ultrasonically induced hyperthermia, Silverman RH; Coleman DJ; Lizzi FL; et al, (Ultrasound Med Biol), 12: 639, 1986
- ultrasonographic evaluation of the renal parenchyma in infancy and childhood, Hayden CK Jr; Santa-Cruz FR; Amparo EG; Brouhard B; Swischuk LE; Ahrendt DK, (Radiology), 152: 413, 1984

#### Ultrasound (US), treatment planning

tongue and tonsil cancer: staging with US, Bruneton JN; Roux P; Caramella E; Manzino JJ; Vallicioni J; Demard F, (Radiology), **158**: 743, 1986

#### Ultrasound (US), utilization

Australia, Buttery B, (JCU), 14: 652, 1986 role of ultrasound in obstetric management, Goldkrand JW; Benjamin DS; Cantor DM, (JCU), 14: 589, 1986

#### Ultrasound (US) guidance

- abdominal aspiration biopsies: sonographic vs. computed tomographic guidance, Pelaez JC; Hill MC; Dach JL; et al, (Radiology), 152: 266. 1984
- amniocentesis under continuous ultrasound guidance: a series of 232 cases, Benacerraf BR; Frigoletto FD Jr, (Radiology), 152: 865, 1984
- aspiration and drainage procedures in the intensive care unit: percutaneous sonographic guidance, McGahan JP, (Radiology), 154: 531, 1985
- aspiration biopsy of peripheral pulmonary masses using real-time sonographic guidance, Cinti D; Hawkins HB, (AJR), 142: 1115, 1984
- breast sonography to guide cyst aspiration and wire localization of occult solid lesions, Kopans DB; Meyer JE; Lindfors KK; et al, (AJR), 143: 489, 1984
- chorionic villi sampling: a new technique for detection of genetic abnormalities in the first trimester, Cadkin AV; Ginsberg NA; Pergament E; Verlinski Y, (Radiology), 151: 159, 1984
- early diagnosis of hepatocellular carcinoma: usefulness of ultrasonically guided finebiopsy aspiration biopsy, Tanaka S; Kitamura T; Kasugai H; et al, (JCU), 14: 11, 1986
- fine-needle aspiration biopsy of bowel lesions under ultrasound guidance: indications and results, Solbiati L; Montali G; Croce F; et al, (Gastrointest Radiol), 11: 172, 1986
- fine needle aspiration biopsy of mediastinal and peripheral pulmonary masses guided by real-time sonography, Pedersen OM; Aasen TB; Gulsvik A; et al, (Radiology), 160: 856, 1986
- fine-needle biopsy of hepatic hemangioma with sonographic guidance, Solbiati L; Livraghi T; De Pra L; et al, (AJR), 144: 471, 1985
- intraoperative sonography through a Burr hole: guide for brain biopsy, Enzmann DR; Irwin KM; Marshall WH; et al, (AJNR), 5: 243, 1984
- intraoperative ultrasound guidance for needle biopsy of a contralateral intrarenal "tumorler" in a child with Wilms' tumor, Rosenberg HK, Templeton J; Chatten J; et al, (J Ultrasound Med), 4: 311, 1985
- laboratory assessment of ultrasonic needle and catheter visualization, McGahan JP, (J Ultrasound Med), 5: 373, 1986
- nonpalpable breast lesion localization: limited efficacy of sonography, Weber WN; Sickles EA; Callen PW; Filly RA, (Radiology), 155: 783, 1985
- parathyroid aspiration biopsy under ultrasound guidance in the postoperative hyperparathyroid patient, Gooding GAW; Clark OH, Stark DD, Moss AA; Montgomery CK, (Radiology), 155: 193, 1985
- percutaneous cholecystography in children, Brunelle FOS; Chaumont P, (Radiology), 153: 566, 1984
- percutaneous ovarian cyst aspiration using continuous transvaginal ultrasonographic monitoring, Schwimer SR; Marik J; Lebovic J, (J Ultrasound Med), 4: 259, 1985

- preoperative percutaneous pancreatography under real-time sonographic guidance, Manco LG; Short WF, (Radiology), 155: 861, 1985
- prostate biopsy utilizing transrectal ultrasound guidance: diagnosis of nonpalpable cancers, Rifkin MD; Kurtz AB; Goldberg BB, (Radiology), 151: 559, 1984
- real-time sonographic monitoring of percutaneous abscess drainage, Jeffrey RB Jr; Wing VW; Laing FC, (AJR), 144: 469, 1985
- real-time ultrasound guidance of fetal manipulation during genetic amniocentesis, Hill LM; Breckle R, (J Ultrasound Med), 4: 267. 1985
- selective renal biopsy under ultrasonic realtime guidance, Saitoh M, (Radiology), **153**: 573, 1984
- sonographically guided and surgical alcohol injection of the coeliacal ganglion for intractable upper abdominal pain through malignomas, Greiner L; Ulatowski L; Prohm P, (Radiology), 150: 298, 1984
- sonographically guided fine-needle aspiration biopsy of adrenal masses, Montali G; Solbiati L; Bossi MC; et al, (AJR), 143: 1081, 1984
- sonographically guided needle biopsy for diagnosis of thoracic lesions, Ikezoe J; Sone S; Higashihara T; et al, (AJR), 143: 229, 1984
- sonographically monitored amniocentesis to decrease intraoperative complications, Romero R; Jeanty P; Reece EA; et al, (Radiology), 157: 863, 1985
- sonographic guidance of thyroid needle biopsy, Goldfinger M; Rothberg R; Stoll S, (J Canad Assoc Radiol), 37: 186, 1986
- transperineal <sup>125</sup>iodine seed implantation in prostatic cancer guided by transrectal ultrasonography, Holm HH; Juul N; Pedersen JF; et al, (Radiology), **151**: 837, 1984
- transrectal pelvic abscesss drainage with sonographic guidance, Nosher JL; Needell GS; Amorosa JK; et al, (AJR), 146: 1047, 1986
- ultrasonically guided fine-needle biopsy for histological sampling of suspect parathyroid tissue, Karstrup §; Glenthoj A; Torp-Pedersen S; et al, (Br J Radiol), 59: 507, 1986
- ultrasonically guided fine-needle biopsy in focal intrahepatic lesions: six years' experience, Bret PM; Sente J-M; Bretagnolle M; et al, (J Canad Assoc Radiol), 37: 5, 1986
- ultrasonically guided percutaneous pancreatography, Matter D; Spinelli G; Warter P, (Radiology), **152**: 266, 1984
- ultrasound-directed transvaginal aspiration biopsy of pelvic masses, Graham D; Sanders RC, (Radiology), **150**: 299, 1984
- ultrasound versus digitally directed prostatic needle biopsy, Liddell HT; McDougal WS; Burks DD; et al, (Radiology), **160**: 858, 1986
- unidirectinal 8-MHz continuous wave Doppler equipment can facilitate catheterization of the internal jugular vein, Schregel W; Straub H; Singbartl G, (J Ultrasound Med), 5: 421, 1986
- US-guided percutaneous alcohol injection of small hepatic and abdominal tumors, Livraghi T; Festi D; Monti F; Salmi A; Vettori C, (Radiology), 161: 309, 1986

#### Umbilical core

- antenatal measurement of fetal umbilical venous flow by pulsed Doppler and B-mode ultrasonography, Chen H-Y; Lu C-C; Cheng Y-T; et al, (J Ultrasound Med), 5: 319, 1986
- fetal omphalocele and gastroschisis: pitfalls in sonographic diagnosis, Lindfors KK; McGahan JP; Walter JP, (AJR), 147: 797, 1986
- large umbilical cord: normal finding in some fetuses, Casola G; Scheible W; Leopold GR, (Radiology), **156**: 181, 1985
- localized deposition of Wharton's jelly: sonographic findings, Ramanathan K; Epstein S; Yaghoobian J, (J Ultrasound Med), 5: 339, 1986
- prenatal observation of umbilical cord hematoma, Sutro WH; Tuck SM; Loesevitz A; et al, (AJR), 142: 801, 1984

- ultrasonographic and pathologic study of mucoid degeneration of umbilical cord, laccarino M; Baldi F; Persico O; et al, (JCU), 14: 127, 1986
- ultrasonographic spectrum of fetal omphalocele, Schaffer RM; Barone CM; Friedman AP, (Radiology), 151: 834, 1984

#### Hrachus

transected urachus: an unusual cause of neonatal ascites, Hepworth RC; Milstein JM, (Radiology), 154: 276, 1985

#### Uremia

- cerebral computed tomography in uremic and hemodialyzed patients, Cusmano F; Savazzi GM, (JCAT), 10: 567, 1986
- multiple duodenal polyps in uraemia: a little known clinical entity, Paimela H; Tallgren LG; Stenman S; et al, (Radiology), 153: 560, 1984
- uremic pleural effusion detected on radionuclide renogram, Abdel-Dayem HM; Nawaz MK; Suhaili AR; et al, (Clin Nucl Med), 11: 196, 1986

#### Ureter

- See also Genitourinary system percutaneous removal of ureteral stents, Boren SR; Dotter CT; McKinney M; Rosch J, (Radiology), 152: 230, 1984
- vascular complication of percutaneously placed pigtail ureteral stent, Lalude AO; Conroy RM, (Radiology), **151**: 547, 1984

#### Ureter, abnormalities

- computed tomography demonstration of renal dysplasia with a vaginal ectopic ureter, Korogi Y; Takahashi M; Fujimura N; et al, (CT), 10: 273, 1986
- cystic dilatations of the upper urinary tract: a radiologist's developmental model, Mellins HZ, (Radiology), 153: 291, 1984
- general case of the day, annual meeting, 1985, Hattery RR; Hartman GW; Williamson B, (Radiographics), 6: 1091, 1986
- obstruction of the upper-pole moiety in renal duplication in adults: CT evaluation, Cronan JJ; Amis ES; Zeman RK; Dorfman GS, (Radiology), **161**: 17, 1986
- potential pitfall of DMSA scintigraphy in patients with ureteral duplication, Wu F; Snow B; Taylor A Jr, (J Nucl Med), 27: 1154,
- retrocaval ureter: sonographic appearance, Schaffer RM; Sunshine AG; Becker JA; et al, (J Ultrasound Med), 4: 199, 1985
- right periureteric venous ring detected by computed tomography, Sasai K; Sano A; Imanaka K; et al, (JCAT), 10: 349, 1986
- ureteral pseudodiverticulosis, Wasserman NF; La Pointe S; Posalaky IP, (Radiology), 155: 561, 1985
- ureterovesical obstruction and megaloureter: diagnosis by real-time US, Wood BP; Ben-Ami T; Teele RL; Rabinowitz R, (Radiology), 156: 79, 1985

#### Ureter, calculi

- CO<sub>2</sub> flush: new technique for percutaneous extraction of ureteral calculi, Young AT; Hunter DW; Lange PH; Lund GB; Castaneda-Zuniga WR; Hulbert JC; Mercado S; Cardella JF; Amplatz K, (Radiology), 154: 828, 1985
- endourological treatment of ureteral calculi, Kahn RI, (Radiology), **160**: 285, 1986
- extracorporeal shock wave lithotripsy of ureteral stones: clinical experience and experimental findings, Mueller SC; Wilbert D: Thueroff JW; et al, (Radiology), 160: 858, 1986
- intraprocedural passage of an obstructing ureteral calculus, Machen BC; Brogdon BG, (CT), 10: 135, 1986
- percutaneous extraction of renal and ureteral calculi: technical considerations, Pollack HM; Banner MP, (AJR), 143: 778, 1984
- percutaneous lithotripsy, Segura JW; Patterson DE; LeRoy AJ; et al, (Radiology), 152: 847, 1984
- percutaneous removal of renal and ureteral calculi, Coleman CC; Clayman RV; Lange PH; Castaneda-Zuniga WR; Miller R; Reddy P; Hunter DW; Lung G; Amplatz K, (Radiographics), 5: 149, 1985
- percutaneous removal of renal and ureteral calculi: experience with 400 cases, Reddy PK; Hulbert JC; Lange PH; et al, (Radiology), 158: 859, 1986

percutaneous removal of small ureteral calculi, LeRoy AJ; Williams HJ Jr; Bender CE; et al, (AJR), 145: 109, 1985

percutaneous removal of ureteral calculi: ercutaneous removal of arefera carcun: clinical and experimental results, Hunter DW; Castaneda-Zuniga WR; Young AT; Cardella JF; Lund G; Rysavy JA; Hulbert JC; Lange PH; Reddy PK; Amplatz K, (Radiology), **156**: 341, 1985

percutaneous renal and ureteral stone removal, Kerlan RK Jr; Kahn RI; Ring EJ, (Radiology), 153: 848, 1984

percutaneous ultrasonic lithotripsy, LeRoy AJ; Segura JW, (AJR), 143: 785, 1984

Segura JW, (AJR), 143: 763, 1964
percutaneous ureterial surgery and stenting,
Smith AD, (Radiology), 154: 273, 1985
percutaneous urolithotomy: the use of balloon
catheters as an adjunct, Pollack HM;
Banner MP, (Radiology), 152: 213, 1984

renal colic: the role of ultrasound in initial evaluation, Erwin BC; Carroll BA; Sommer FG, (Radiology), 152: 147, 1984 ultrasound findings in urolithiasis in the lower ureter, Ohnishi K; Watanabe H; Ohe H; et al, (Ultrasound Med Biol), 12: 577,

ultrasound versus excretory urography in evaluating acute flank pain, Laing FC; Jeffrey RB Jr; Wing VW, (Radiology), **154**:

upper and midureteral calculi: percutaneous extraction with an occlusion balloon catheter, Beckmann CF; Roth RA; Luedke MD, (Radiology), 159: 643, 1986

upper ureteral calculi: extraction via percutaneous nephrostomy, Bush WH; Brannen GE; Lewis GP; et al, (AJR), **144**: 795,

upper urinary tract calculi: extrusion into perinephric and periureteric tissues during percutaneous management, Verstandig AG, Banner MP; Van Arsdalen KN; Pollack HM, (Radiology), 158: 215, 1986

ureteral calculi: percutaneous removal using modified basket extractors and fluoroscopy, Hare WSC, (Radiology), **160**: 189, 1986

ureteral stone management: emerging concepts, Lingeman JE; Sonda LP; Kohneski RJ; et al, (Radiology), **161**: 859,

urogenital schistosomiasis: CT evaluation, Jorulf H; Lindstedt E, (Radiology), **157**: 745, 1985

# Ureter, CT

obstruction of the upper-pole moiety in renal duplication in adults: CT evaluation, Cronan JJ; Amis ES; Zeman RK; Dorfman GS, (Radiology), 161: 17, 1986

### Ureter, dilatation

case reports: intraureteric eversion and reflux into a simple ureterocele, Chapman S; Bolton R, (Radiology), **153**: 851, 1984

coaxial cancer dilatogy, 753. 2747 Castaneda-Zuniga WR; Young AT; Amplatz K, (Radiology), 157: 820, 1985

cystic dilatation of the pelvic ureter. case report, Sebag A; Neuenschwander S; Boyez M, (Radiology), **157**: 564, 1985

ectopic ureter and ureterocele: their varied sonographic manifestations, Nussbaum AR; Dorst JP; Jeffs RD; Gearhart JP; Sanders RC, (Radiology), **159**: 227, 1986

prenatal and immediate postnatal ultrasonographic diagnosis of ureterocele, Fitzsimons PJ; Frost RA; Millward SF; et al, (J Canad Assoc Radiol), 37: 189, 1986

prolapse of an ectopic ureterocele into both urethra and ipsilateral orthotopic ureter, Hochhauser L; Alton DJ, (Pediatr Radiol), 16: 167, 1986

review of the ultrasonic appearances of posterior urethral valve and ureteroceles, Cremin BJ, (Pediatr Radiol), 16: 357, 1986

ultrasonographic antenatal demonstration of primary megaureters, Dunn V; Glasier CM, (J Ultrasound Med), 4: 101, 1985

ureteral balloon dilatation and stone basketing, Rutner AB, (Radiology), 154: 273,

benign causes of acquired ureteropelvic junction obstruction: a uroradiologic spectrum, Wadsworth DE; McClennan BL, (Radiology), 150: 855, 1984

# Ureter, diverticula

ureteral pseudodiverticulosis, Wasserman NF; La Pointe S; Posalaky IP, (Radiology), 155: 561, 1985

#### Ureter, injuries

traumatic ureteropelvic disruption in the child, Reda EF; Lebowitz RL, (Pediatr Radiol), 16: 164, 1986

#### Ureter, intervention

antegrade internal ureteral stenting: technical refinement, Hackethorn IC; Boren SR; Dotter CT; Rosch J, (Radiology), 156: 827,

antegrade ureteral stenting for dehiscence, strictures, and fistulae, Lang EK, (AJR), 143: 795, 1984

controlled endoscopic retrieval of ectopic ureteral catheters using fluoroscopic guidance, Hezmall HP; Flechner SM; Sandler CM, (Radiology), 158: 569, 1986

Druy ureteral stent set: clinical experience in 25 patients, Rozenblit G; Tarasov E; Srur MF; Neithamer CD Jr.; Sumers EH; Sos TA, (Radiology), 169: 737, 1986

electrolysis for recanalization of urinary collecting system obstructions: percutaneous approach, Cardella JF; Hunter DW; Castaneda-Zuniga WR; Hulbert JC; Young AT; Coleman CC; Mercado S; Amplatz K, (Radiology), 155: 87, 1985

iliac artery-ureteral fistula developing after dilatation and stent placement, Adams PS Jr, (Radiology), 153: 647, 1984

imaging of the Kock continent ileal urinary reservoir, Ralls PW; Barakos JA; Skinner DG; Boswell WD Jr; Radin DR; Colletti PM; Halls JM, (Radiology), **161**: 477, 1986

lethal complications of standard self-retaining ureteral stents in patients with ileal conduit urinary diversion, Walther PJ; Robertson CN; Paulson DF, (Radiology), 157: 280, 1985

new pyeloureteral drainage catheter, Cardella JF; Castaneda-Zuniga WR; Hunter DW; Young AT; Amplatz K, (Radiology), **155**: 527, 1985

percutaneous management of the urological complications of renal transplantation. Voegeli DR: Crummy AB; McDermott JC; Jensen SR; Montague TL, (Radiographics), 6:

percutaneous nephrostomy for urinary tract obstruction, Barbaric ZL, (AJR), 143: 803,

percutaneous placement of soft, indwelling ureteral stent, Bettmann MA; Perlmutt LM; Finkelstein J; Meyerovitz MF; Richie JP, (Radiology), 157: 817, 1985

percutaneous ureteral surgery and stenting, Smith AD, (Radiology), 154: 273, 1985

perforation of renal pelvis by internal ureteral stents, Salazar JE; Johnson JB; Scott RL, (AJR), 143: 816, 1984

retrograde ureteral catheterization via the ileal conduit, Applbaum YN; Diamond AB; Rappoport AS, (AJR), **146**: 61, 1986

shearing of percutaneous nephrostomy catheter during indwelling ureteral stent placement, Sussman SK; Oke EJ; Perlmutt LM; et al, (AJR), 147: 832, 1986

sheathed catheter system for fluoroscopically guided retrograde catheterization, and brush and forceps biopsy of the upper urinary tract, Lieberman RP; Cummings KB; Leslie SW, (Radiology), 153: 565, 1984

stone formation as a complication of indwelling ureteral stents: report of 5 cases, Spirnak JP; Resnick MI, (Radiology), **158**: 859, 1986

therapeutic ureteric embolisation, Hennessy OF; Gibson RN; Allison DJ, (Radiology), **156**: 566, 1985

transcatheter electrocautery as an aid in the percutaneous insertion of a ureteral stent, Horowitz MI; Feigenbaum LA, (Radiology), 154: 850, 1985

universal stent introducer: simplified approach to antegrade ureteral stent insertion, Lee WJ; Rich M, (AJR), 147: 830,

ureteroarterial and ureterosigmoid fistula associated with polyethylene indwelling ureteral stents, Kar A; Angwafo FF; Jhunjhunwala JS, (Radiology), **156**: 267, 1985

urine-compatible polymer for long-term ureteral stenting, Cardella JF; Castaneda Zuniga WR; Hunter DW; Hulbert JC; Amplatz K, (Radiology), **161**: 313, 1986

urologic complications following renal ransplantation: role of interventional radiologic procedures, Bennett LN; Voegeli DR; Crummy AB; McDermott JC; Jensen SR; Sollinger HW, (Radiology), 160: 531, 1986

#### Ureter, obstruction

See Ureter, stenosis

# Ureter, percutaneous drainage

Druy ureteral stent set: clinical experience in 25 patients, Rozenblit G; Tarasov E; Srur MF; Neithamer CD I;; Sumers EH; Sos TA, (Radiology), 160: 737, 1986

removal of an entangled monofilament with a Chiba needle, Hawkins IF Jr; Caridi JG, (Radiology), 151: 529, 1984

ureteral stenting facilitated by antegrade transurethral passage of guide wire, Mitty HA, (AJR), 142: 831, 1984

#### Ureter, radionuclide studies

potential pitfall of DMSA scintigraphy in patients with ureteral duplication, Wu F; Snow B; Taylor A Jr, (J Nucl Med), 27: 1154,

#### Ureter, reflux

coexistence of primary megaureter and reflux, Blickman JG; Lebowitz RL, (AJR), 143: 1053,

detection of vesicoureteral reflux in the child, Lebowitz RL, (Invest Radiol), 21: 519, 1986

evolution of renal segmental atrophy (Ask-Upmark kidney) in children with vesicoureteric reflux: radiographic and morphologic studies, Shindo S; Bernstein J; Arant BS Jr, (Radiology), 151: 263, 1984

familial vesicoureteral reflux: study of 16 families, Sirota L; Hertz M; Laufer J; et al, (Urol Radiol), 8: 22, 1986

megacystis-megaureter syndrome, Burbige KA; Lebowitz RL; Coldny AH; et al, (Radiology), **154**: 561, 1985

refluxing urethral ectopic ureters: recognition by the cyclic voiding cystourethrogram, Wyly JB; Lebowitz RL, (AJR), 142: 1263, 1984

ureteral diameter in low-risk vesicoureteral reflux in infancy and childhood, Hellstrom M; Hjalmas K; Jacobsson B; et al, (Acta Radiol [Diagn]), 27: 77, 1986

# Ureter, stenosis

antegrade internal ureteral stenting: technical refinement, Hackethorn JC; Boren SR; Dotter CT; Rosch J, (Radiology), **156**: 827,

antegrade ureteral stenting for dehiscence, strictures, and fistulae, Lang EK, (AJR), **143**: 795, 1984

balloon dilatation of ureteral strictures in dogs, El-Mahrouky A; Ford KK; Van Moore A Jr, (Radiology), 153: 565, 1984

benign causes of acquired ureteropelvic junction obstruction: a uroradiologic spectrum, Wadsworth DE; McClennan BL, (Radiology), **150**: 855, 1984

case report. resolution of ureteric obstruction in perianeurysmal retroperitoneal fibrosis, Robbe IJ; Dixon AK, (Radiology), **152:** 842,

dilatation of ureteral stenoses: techniques and experience in 44 patients, Banner MP; Pollack HM, (AJR), 143: 789, 1984

dilating introducer-sheath for the antegrade insertion of ureteral stents, Druy EM, (AJR), 145: 1274, 1985

indwelling ureteral stents: percutaneous management of complications, LeRoy AJ; Williams HJ Jr; Segura JW; Patterson DE; Benson RC Jr, (Radiology), 158: 219, 1986

intermittent hydronephrosis: unique feature of ureteropelvic junction obstruction caused by a crossing renal vessel, Hoffer FA; Lebowitz RL, (Radiology), **156**: 655, 1985

intermittent hydronephrosis: unique feature of ureteropelvic junction obstruction caused by a crossing renal vessel, Evison G, (Radiology), 159: 283, 1986

megapolycalicosis with ureteric obstruction: a retrospective analysis of ten children cases, Holthusen W; Lundius B, (Radiology), 153:

nondilated obstructive acute renal failure: diagnostic procedures and therapeutic management, Maillet PJ; Pelle-Francoz D; Laville M; Gay F; Pinet A, (Radiology), **160**: nondilated obstructive uropathy: percutaneous nephrostomy performed to reverse renal failure, Naidich JB; Rackson ME; Mossey RT; Stein HL, (Radiology), 160: 653, 1986

(Nationary), 100, 005, 1700 obstructed callycocystostomy site in association with a transplanted kidney: percutaneous management, Cardella JF; Hunter DW; Hulbert JC; Young AT; Castaneda-Zuniga WR; Amplatz K, (Radiology), 156: 67, 1985

obstruction of the upper-pole moiety in renal duplication in adults: CT evaluation, Cronan JJ; Amis ES; Zeman RK; Dorfman GS, (Radiology), 161: 17, 1986

obstructive migration of renal calculi following cyst aspiration, Cronan JJ; Messersmith RN; Amis ES Jr; Kidd DD, (Radiology), **152**: 317, 1984

percutaneous placement of soft, indwelling ureteral stent, Bettmann MA; Perlmutt LM; Finkelstein J; Meyerovitz MF; Richie JP, (Radiology), 157: 817, 1985

right periureteric venous ring detected by computed tomography, Sasai K; Sano A; Imanaka K; et al, (JCAT), **10**: 349, 1986

transcatheter electrocautery as an aid in the percutaneous insertion of a ureteral stent, Horowitz MI; Feigenbaum LA, (Radiology), 154: 850, 1985

ureteral stenting facilitated by antegrade transurethral passage of guide wire, Mitty HA, (AJR), 142: 831, 1984

mitty HA, (A)A), 142, 631, 1564 ureteropelvic junction stenosis: antenatal ultrasonographic diagnosis, postnatal investigation, and follow-up, Grignon A; Filiatrault D; Homsy Y; Robitaille P; Filion R; Boutin H; Leblond R, (Radiology), 160: 649, 1986

urinary obstruction: pitfalls in the use of delayed contrast material washout for diagnosis, Newhouse JH; Amis ES Jr; Pfister RC, (Radiology), **151:** 319, 1984

urogenital schistosomiasis: CT evaluation, Jorulf H; Lindstedt E, (Radiology), 157: 745, 1985

very stiff guide wire with a floppy tip, Cardella JF; Kotula F; Hunter DW; Young AT; Castaneda-Zuniga WR; Amplatz K, (Radiology), 156: 837, 1985

#### Ureter, stone extraction

CO<sub>2</sub> flush: new technique for percutaneous extraction of ureteral calculi, Young AT; Hunter DW; Lange PH; Lund GB; Castaneda-Zuniga WR; Hulbert JC; Mercado S; Cardella JF; Amplatz K, (Radiology), 154: 828, 1985

complications of percutaneous nephrostolithotomy, Dunnick NR; Carson CC III; Braun SD; Miller GA; Cohan R; Degesys GE; Illescas FF; Newman GE; Weinerth JL, (Radiology), 157: 51, 1985

fluoroscopically guided percutaneous extraction of upper urinary tract calculi, Banner MP; Pollack HM, (Radiol Clin North Am), 22: 415, 1984

percutaneous extraction of urinary calculi: use of the intercostal approach, Young AT; Hunter DW; Castaneda-Zuniga WR; Hulbert JC; Lange PH; Reddy P; Mercado S; Amplatz K, (Radiology), **154**: 633, 1985

percutaneous removal of renal and ureteral calculi, Coleman CC; Clayman RV; Lange PH; Castaneda-Zuniga WR; Miller R; Reddy P; Hunter DW; Lung G; Amplatz K, (Radiographics), 5: 149, 1985

percutaneous removal of renal and ureteral calculi: experience with 400 cases, Reddy PK; Hulbert JC; Lange PH; et al, (Radiology), **158**: 859, 1986

percutaneous removal of small ureteral calculi, LeRoy AJ; Williams HJ Jr; Bender CE; et al, (AJR), 145: 109, 1985

percutaneous removal of ureteral calculi: ercutaneous removal of ureteral calculi: clinical and experimental results, Hunter DW; Castaneda-Zuniga WR; Young AT; Cardella JF; Lund G; Rysavy JA; Hulbert JC; Lange PH; Reddy PK; Amplatz K, (Radiology), 156: 341, 1985

technical refinements in percutaneous nephroureterolithotomy, Banner MP; Stein EJ; Pollack HM, (AJR), **145**: 101, 1985

upper and midureteral calculi: percutaneous extraction with an occlusion balloon catheter, Beckmann CF; Roth RA; Luedke MD, (Radiology), **159**: **643**, 1986

ureteral calculi: percutaneous removal using modified basket extractors and fluoroscopy, Hare WSC, (Radiology), **160**: 189, 1986

ureteral stone management: emerging concepts, Lingeman JE; Sonda LP; Kohneski RJ; et al, (Radiology), 161: 859,

Ureter, surgery

reter, surgery imaging of the Kock continent ileal urinary reservoir, Ralls PW; Barakos JA; Skinner DG; Boswell WD Jr; Radin DR; Colletti PM; Halls JM, (Radiology), 161: 477, 1986 radiology of urinary diversions, Banner MP; Pollack HM; Bonavita JA; Ellis PS, (Radiographics), 4: 885, 1984

#### Ureter, US studies

antegrade pyelography in ureteric duplications with obstructed upper-segments, Macpherson RI; Kaufman JM, (Radiology), 152: 852, 1984

ectopic ureter and ureterocele: their varied sonographic manifestations, Nussbaum AR; Dorst JP; Jeffs RD; Gearhart JP; Sanders RC, (Radiology), 159: 227, 1986

prenatal and immediate postnatal ultrasonographic diagnosis of ureterocele, Fitzsimons PJ; Frost RA; Millward SF; et al, (J Canad Assoc Radiol), 37: 189, 1986

renal colic: the role of ultrasound in initial evaluation, Erwin BC; Carroll BA; Sommer FG, (Radiology), **152:** 147, 1984 review of the ultrasonic appearances of posterior urethral valve and ureteroceles Cremin BJ, (Pediatr Radiol), 16: 357, 1986

ultrasound findings in urolithiasis in the lower ureter, Ohnishi K; Watanabe H; Ohe H; et al, (Ultrasound Med Biol), 12: 577,

ureteral ejaculation of urine visualized by ultrasound, Elejalde BR; Mercedes de Elejalde M, (Radiology), 152: 564, 1984

ureteropelvic junction stenosis: antenatal ultrasonographic diagnosis, postnatal investigation, and follow-up, Grignon A; Filiatrault D; Homsy Y; Robitaille P; Filion R; Boutin H; Leblond R, (Radiology), 160: 649, 1986

ureterovesical obstruction and megaloureter: diagnosis by real-time US, Wood BP; Ben-Ami T; Teele RL; Rabinowitz R, (Radiology), 156: 79, 1985

# Ureterocele

See Ureter, dilatation

# Urethra

See also Genitourinary system

# Urethra, abnormalities

duplication of the urethra with communication to the rectum: report of a case, Bruce R; Alton D, (Pediatr Radiol), 16: 79, 1986

lacuna magna: a hidden cause of dysuria and bloody spotting in boys, Bellinger MF; Purohit GS; Duckett JW; et al, (Radiology), 150: 290, 1984

posterior urethral valves: update and review, Macpherson RI; Leithiser RE Jr; Gordon L; Turner WR, (Radiographics), 6: 753, 1986

refluxing urethral ectopic ureters: recognition by the cyclic voiding cystourethrogram, Wyly JB; Lebowitz RL, (AJR), 142: 1263, 1984

#### Urethra, dilatation

balloon dilatation of the prostatic urethra. work in progress, Quinn SF; Dyer R; Smathers R; Glass T; Wright E; Roberts C; Burke J; Argenbright J, (Radiology), 157: 57,

prostatic hyperplasia: radiological intervention. work in progress, Burhenne HJ; Chisholm RJ; Quenville NF, (Radiology), 152: 655, 1984

#### Urethra, diverticula

unexpected anterior urethral diverticula, Smith SEW, (Clin Radiol), 37: 55, 1986

#### Urethra, injuries

percutaneous antegrade urethral catheterization of the traumatized urethra, Lee WJ; Greenbaum R; Susi R; Khashu B; Smith AD, (Radiology), 151: 250, 1984

#### Urethra, MR studies

female urethral carcinoma: MRI staging, Fisher MR; Hricak H; Reinhold C; et al, (AJR), **144**: 603, 1985

#### Urethra, neoplasms

female urethral carcinoma: MRI staging, Fisher MR; Hricak H; Reinhold C; et al, (AIR), 144; 603, 1985

Urethra, obstruction

See Urethra, stenosis

Urethra, rupture

traumatic rupture of female urethra, Netto NR Jr; Ikari O; Zuppo VP, (Radiology), 152: 842, 1984

# Urethra, stenosis

balloon dilatation of the prostatic urethra. work in progress, Quinn SF; Dyer R; Smathers R; Glass T; Wright E; Roberts C; Burke J; Argenbright J, (Radiology), 157: 57,

congenital stenosis of the male urethra, Gaisie G; Mandell J; Scatliff JH, (AJR), 142: 1269, 1984

impassable urethral strictures: percutaneous transvesical catheterization and balloon dilatation, Scales FE: Katzen BT: van Breda A; Alperstein J; Abramson E; Rhame R, (Radiology), 157: 59, 1985 prostatic hyperplasia: radiological intervention. work in progress, Burhenne HJ; Chisholm RJ; Quenville NF, (Radiology), 152: 655, 1984

on or the prostatic urethra, Rirkin MD, (Radiology), 153: 791, 1984

#### Urethra, US studies

review of the ultrasonic appearances of posterior urethral valve and ureteroceles, Cremin BJ, (Pediatr Radiol), 16: 357, 1986 Cremin BJ, (Fediatr Radiol), 16: 397, 1998 screening of the bladder base and urethra using linear array transrectal ultrasound scanning, Richmond DH; Sutherst JR; Brown MC, (JCU), 14: 647, 1986 sonography of the normal female urethra.

Hennigan HW Jr; DuBose TJ, (AJR), 145: 839, 1985

sonourethrography: a technique for evaluation of the prostatic urethra, Ritkin MD, [Recology), 153: 791, 1984

#### Urethra, valves

posterior urethral valve. a review of 120 cases, Aaronson IA, (Radiology), 153: 851, 1984

Aaronson I.A., (Radiology), 153: 631, 1794 posterior urethral valves: update and review, Macpherson RI, Leithiser RE Jr. Gordon L; Turner WR, (Radiographics), 6: 753, 1986 review of the ultrasonic appearances of posterior urethral valve and ureteroceles, Cremin BJ, (Pediatr Radiol), 16: 357, 1986 variability of urographic findings in posterior urethral valves, Eklof O; Olsson H, (Radiology), **150**: 860, 1984

# Urethritis

abnormal urethrogram in bulbar urethritis of male childhood, Barton EJ; Whitaker RH, (Radiology), **152**: 256, 1984

# Urine, extravasation

urine extravasation into the scrotum, Noel AW; Velchik MG, (J Nucl Med), 27: 807, 1986

# Urine, incontinence

radiographic evaluation, Taylor GA; Lebowitz RL, (Radiology), 155: 91, 1985 evaluation of the excretory urogram in adult enuresis, Libson E; Bloom RA; Dinari G, (Clin Radiol), 37: 287, 1986

#### Urine, reflux

coexistence of obstruction and reflux in children, Lebowitz RL, (Radiology), 157: 853, 1985

female micturition, Beale G, (Radiology), 155: 272, 1985

fetal hydronephrosis and polyhydramnios associated with vesico-ureteral reflux, Philipson EH; Wolfson RN; Kedia KR, (Radiology), 157: 862, 1985

ultrasonographic evaluation of fetal paranephric pseudocysts, Callen PW; Bolding DB; Filly RA; et al, (Radiology), **151**: 834, 1984

uriniferous pseudocyst: computed tomographic findings, Healy ME; Teng SS; Moss AA, (Radiology), 153: 757, 1984

urinoma complicating papillary necrosis in diabetes, Dennis MS; Hayes M, (Radiology), 156: 267, 1985

#### Urography

antegrade pyelography in ureteric duplications with obstructed upper-segments, Macpherson RI; Kaufman JM, (Radiology), 152: 852, 1984

diagnostic role of intravenous urography in acute and chronic renal failure, Keeton GR; Pillay GP, (Urol Radiol), 8: 72, 1986

- evaluation of the excretory urogram in adult enuresis, Libson E; Bloom RA; Dinari G, (Clin Radiol), **37**: 287, 1986
- excretory urography in current practice: evidence against overutilization, Doubilet PM; McNeil BJ; Van Houten FX; Berenberg A; Ratnofsky S; Greenes RA; Anderson JW; Mellins HZ; Abrams HL, (Radiology), 154: 607, 1985
- percutaneous studies of the upper urinary tract in children, with special emphasis on infants, Riedy MJ; Lebowitz RL, (Radiology), 160: 231, 1986
- response of patients to informed consent for excretory urography, Winfield AC; Ford CV; James AE Jr; et al, (Urol Radiol), 8: 35, 1986
- sonographic identification of collecting system duplications, Schaffer RM; Shin YH; Becker JA, (Radiology), 151: 833, 1984
- sonography vs. excretory urography in acute flank pain, Hill MC; Rich JI; Mardiat JG; et al, (AJR), 144: 1235, 1985
- spontaneous and traumatic rupture of renal cysts: diagnosis and outcome, Papanicolaou N; Pfister RC; Yoder IC, (Radiology), 160: 99, 1986
- unnecessary intravenous urography in young women with recurrent urinary tract infections, DeLange HE: Jones B, (Radiology), 151: 545, 1984
- urinary obstruction: pitfalls in the use of delayed contrast material washout for diagnosis, Newhouse JH; Amis ES Jr; Pfister RC, (Radiology), **151**: 319, 1984
- uroradi Jogy: an integrated approach, Friedland GW; Filly R; Goris ML; Gross D; Kempson RL; Korobkin M; Thurber BD; Walter J, eds, Reviewed by Curry NS, (Radiology), 151: 392, 1984
- visibility of the renal fascia at intravenous urography, Thomas AMK; Carr DH, (Radiology), **154**: 271, 1985

#### Urography, complications

- air embolism: a potential complication of retrograde pyelography, Pyron CL; Segal AJ, (Radiology), **151**: 260, 1984
- delayed reactions to urographic contrast media, Panto PN; Davies P, (Br J Radiol), 59: 41, 1986
- fatal acute vasculitis after high-dose urography with iohexol, Goodfellow T; Holdstock GE; Brunton FJ; et al, (Br J Radiol), 59: 620, 1986

# Urography, contrast media

- advantages of nonionic contrast agents in adult urography, Dray RJ; Winfield AC; Muhletaler CA; et al, (Radiology), 155: 851, 1985
- clinical intravenous urography: comparative trial of ioxaglate and iopamidol, Loughran CF, (Radiology), 161: 455, 1986
- excretory urography with iohexol: evaluation in children, Magill HL; Clarke EA; Fitch SJ; Boulden TF; Ramirez R; Siegle RL; Somes GW, (Radiology), 161: 625, 1986
- high- and low-osmolar contrast agents in urography: comparison of the appearances with respect to pyelotubular opacification and renal length, Whitehouse RW, (Clin Radiol), 37: 395, 1986
- intravenous urography with low-osmolality contrast agents: theoretical considerations and clinical findings, Dawson P; Heron C; Marshall J, (Radiology), 154: 271, 1985
- iohexal in urography, Lalli AF; Williams B; Maynard E, (Radiology), **150**: 856, 1984
- iohexol compared with metrizoate in urography, Levorstad K; Kolbenstvedt A; Loyning EW, (Radiology), 152: 842, 1984
- iopamidol for intravenous urography. a comparative study in infants and children, Lemaitre L, (Radiology), **152**: 845, 1984
- iopamidol: new, nonionic contrast agent for excretory urography, Thompson WM; Foster WL Jr; Halvorsen RA; et al, (AJR), 142: 329, 1984
- low dose urography with a low osmolar contrast medium, Bjork L; Zachrisson BF, (Acta Radiol [Diagn]), 27: 111, 1986
- newer contrast agents for urography, Spataro RF, (Radiol Clin North Am), 22: 365, 1984

- old and new: study of five contrast media for urography, Davies P; Panto PN; Buckley J; et al, (Radiology), **158**: 859, 1986
- pediatric urography: comparison of metrizamide and methylglucamine diatrizoate, Robey G; Reilly Bj; Carusi PA; Nguyen KB, (Radiology), 150: 61, 1984
- radioclinical evaluation of a new contrast medium for intravenous urography in renal failure, Chevrot L; Sarrat P; Martin-Bouveyron C; et al, (Radiology), 152: 845, 1984
- Renografin-60 for urography: effect on serum electrolytes and proteins in adults, Olutola PS; Hutton L; Karlik S; et al, (AJR), 147: 839, 1986
- systemic response to excretory urography. work in progress, Fischer HW; Katzberg RW; Morris TW; Spataro RF, (Radiology), 151: 31, 1984
- urography with a low osmolality contrast agent: comparison of Hexabrix with Conray 325, McClennan BL; Ling D; Rholl KS; et al, (Invest Radiol), 21: 144, 1986

### Urography, radiation dose

ovarian radiation dose during dynamic cystourethrography using videorecording and photofluorography, Westby M; Sandbu J; Jahren R; et al, (Acta Radioi [Diagn]), 27: 55, 1986

#### Urokinase

- acute peripheral arterial and graft occlusion: treatment with selective infusion of urokinase and lysyl plasminogen, Pernes JM; Vitoux JF; Brenoit P; Raynaud A; Parola JL; Roth JP; Angel CY; Fiessinger JN; Roncato M; Gaux JC, (Radiology), 158: 481, 1536.
- fibrinolytic therapy, Klatte EC; Becker GJ; Holden RE; Yune HY, (Radiology), 159: 619, 1986
- intraarterial fibrinolysis: in vitro and prospective clinical evaluation of three thrombolytic agents, Pilger E, Lammer J; Bertuch H, Steiner H, (Radiology), 161: 597, 1986
- intraarterial fibrinolysis: long-term results, Lammer J; Pilger E; Neumayer K; Schreyer H, (Radiology), **161**: 159, 1986
- thrombolysis of peripheral arterial and graft occlusions: improved results using highdose urokinase, McNamara TO; Fischer JR, (AJR), 144: 769, 1985

#### Urolithiasis

See Genitourinary system, calculi

#### Uterine neoplasms

- controversies in the radiologic diagnosis of pelvic malignancies, Choyke PL; Thickman D; Kressel HY; et al, (Radiol Clin North Am), 23: 531, 1985
- embolic management of rare hemorrhagic gynecologic and obstetrical conditions, Vujic I; Stanley JH; Gobien RP; et al, (Cardiovasc Intervent Radiol), 9: 69, 1986
- mediastinal and hilar lymphadenopathy as the only manifestation of metastatic carcinoma of the cervix, Scott I; Bergin CJ; Muller NL, (J Canad Assoc Radiol), 37: 52, 1986
- recurrent squamous cell carcinoma of the cervix within pelvic-abdominal lymphocysts, Cantrell CJ; Wilkinson EJ, (Radiology), 152: 551, 1984
- uterine cervical cancer: assessment with highfield MR imaging, Togashi K; Nishimura K; Itoh K; Fujisawa I; Asato R; Nakano Y; Itoh H; Torizuka K; Ozasa H; Mori T, (Radiology), 160: 431, 1986
- value of lymphography in the management of carcinoma of the cervix, Smales E; Perry CM; MacDonald JS; et al, (Clin Radiol), 37: 19, 1986

# Uterine neoplasms, CT

- computed tomographic evaluation of parametrial extension from cervical cancer, Vick CV; Walsh JW; Wheelock JB; Brewer WH, (Radiographics), 4: 787, 1984
- computed tomography in invasive carcinoma of the cervix: an appraisal, Villasenta U; Whitley NO; Haney PJ; et al, (Radiology), 151: 555, 1984
- CT evaluation of invasive trophoblastic disease, Miyasaka Y; Hachiya J; Furuya Y; et al, (JCAT), 9: 459, 1985

- CT of the normal and abnormal parametria in cervical cancer, Vick CW; Walsh JW; Wheelock JB; et al, (AJR), 143: 597, 1984
- cystic pedunculated leiomyomas of the uterus with unusual CT manifestations, Togashi K; Nishimura K; Nakano Y; et al, (JCAT), 10: 642. 1986
- value of computed tomography and lymphangiography in staging carcinoma of the uterine cervix, Marincek B; Devaud MC; Triller J; et al. (Radiology), 154: 555, 1985

# Uterine neoplasms, diagnosis

- excretory urography and computed tomography in the initial evaluation of patients with cervical cancer: are both examinations necessary?, Goldman SM; Fishman EK; Rosenshein NB; et al, (AJR), 143: 991, 1984
- uterus: in vitro MR-anatomic correlation of normal and abnormal specimens, Lee JKT; Gersell DJ; Balfe DM; Worthington JL; Picus D; Gapp G, (Radiology), **157**: 175, 1985

#### Uterine neoplasms, metastases

- chest x-rays and full lung tomograms in gynecologic malignancy, Gordon RE; Mettler FA Jr; Wicks JD; et al, (Radiology), 151: 544, 1984
- computed tomographic evaluation of parametrial extension from cervical cancer, Vick CW, Walsh JW, Wheelock JB; Brewer WH, (Radiographics), 4: 787, 1984
- metastatic uterine cervical cell carcinoma to myocardium, Antico VF; Hands ME; Lloyd BL, (Clin Nucl Med), 11: 131, 1986
- sonographic patterns of pelvic and hepatic lesions in persistent trophoblastic disease, Woo JSK, Wong LC; Ma H-K, (J Ultrasound Med), 4: 189, 1985

# Uterine neoplasms, MR studies

- gestational trophoblastic neoplasm of the uterus: MR assessment, Hricak H; Demas BE; Braga CA; Fisher MR; Winkler ML, (Radiology), 161: 11, 1986
- magnetic resonance tomography of the pelvis, Smith FW. (Cardiovasc Intervent Radiol), 8: 367, 1986
- MR imaging of uterine leiomyomas and their complications, Hamlin DJ; Pettersson H; Fitzsimmons JR; et al, (JCAT), 9: 902, 1985
- uterine cervical cancer: assessment with highfield MR imaging, Togashi K; Nishimura K; Itoh K; Fujisawa I; Asato R; Nakano Y; Itoh H; Forizuka K; Ozasa H; Mori T, (Radiology), 160: 431, 1986
- uterine leiomyomas: correlation of MR, histopathologic findings, and symptoms, Hricak H; Tscholakoff D; Heinrichs L; Fisher MR; Dooms GC; Reinhold C; Jaffe RB, (Radiology), 158: 385, 1986
- wterine neoplasms: MR imaging, Worthington JL; Balfe DM; Lee JKT; Gersell DJ; Heiken JP; Ling D; Glazer HS; Jacobs AJ; Kao MS; McClennan BL, (Radiology), 159: 725, 1986

#### Uterine neoplasms, staging

- uterine cervical cancer: assessment with highfield MR imaging, Togashi K; Nishimura K; Itoh K; Fujisawa I; Asato R; Nakano Y; Itoh H; Torizuka K; Ozasa H; Mori T, (Radiology), 160: 431, 1986
- uterine neoplasms: MR imaging, Worthington JL; Balfe DM; Lee JKT; Gersell DJ; Heiken JP; Ling D; Glazer HS; Jacobs AJ; Kao MS; McClennan BL, (Radiology), **159**: 725, 1986

# Uterine neoplasms, therapeutic radiology

- adenocarcinoma corpus et colli: analysis of diagnostic variables, Calkins AR; Stehman FB; Sutton GP; et al, (Int J Radiat Oncol Biol Phys), 12: 911, 1986
- clinical trial of two conceptually different radical radiotherapy treatments in stage III carcinoma of the cervix, Hunter RD; Cowie VJ; Blair V; et al, (Clin Radiol), 37: 23, 1986
- combination of radiotherapy and surgery in the treatment of carcinoma of the uterine cervix, Wiernik G, (Br J Radiol), 59: 97, 1986
- complications of extended-field therapy for cervical carcinoma without prior surgery, Jolles CJ; Freedman RS; Hamberger AD; et al, (Int J Radiat Oncol Biol Phys), 12: 179, 1986

- dose dependence of complication rates in cervix cancer radiotherapy, Orton CG; Wolf-Rosenblum S, (Int J Radiat Oncol Biol Phys), 12: 37, 1986
- 12: 37, 1986
  dosimetric comparison of the Fletcher family
  of gynecologic colpostats 1950-1980,
  Haas JS; Dean RD; Mansfield CM,
  (Radiology), 158: 576, 1986
  effect of misonidazole dose on survival in
  patients with stage IIIB-IVA squamous cell
  carcinoma of the uterine cervix: RTOG
  randomized trial, Bauer M; Leibel S;
  Wasserman T; et al, (Int J Radiat Oncol Biol
  Phys), 12: 1101, 1986
- failure patterns in gynecologic cancer, Brady LW; Perez CA; Bedwinek JM, (Int J Radiat Oncol Biol Phys), 12: 549, 1986
- Radiat Oncol 101 Frlsp. 12-349, 1966 five-year cure of cervical cancer treated using californium-252 neutron brachytherapy, Maruyama Y; van Nagell JR; Yoneda J; et al, (Radiology), 156: 286, 1985 hysterectomy and adjuvant irradiation for pathologic stage III adenocarcinoma of the endometrium, Stokes S; Bedwinek J;
- Perez CA; et al, (Int J Radiat Oncol Biol Phys), 12: 335, 1986
- intestinal damage and malabsorption after treatment for cervical carcinoma, Lantz B; Einhorn N, (Radiology), 155: 558, 1985
- neutron and gamma dose distribution for tandem, tandem and ovoid and plaque for intracavitary <sup>252</sup>Cf therapy of cervix carcinoma, Maruyama Y, Tai DL, Beach JL, (Radiology), 152: 566, 1984.
- results of intracavitary radium treatment for adenocarcinoma of the body of the uterus, Jones DA; Stout R, (Clin Radiol), 37: 169,
- treatment of advanced cancers of the cervix uteri with external irradiation alone, Ulmer HU; Frischbier H-J, (Radiology), **154**:
- zoo, 1963 treatment of carcinoma of the cervix and poor-risk endometrial carcinoma using the Cathetron at the Middlesex Hospital: experience since 1979, Yeoh EK; Spittle MF, (Clin Radiol), 37: 165, 1986
- (value Radiol), 37: 105, 1790 treatment of stage I adenocarcinoma of the endometrium by hysterectomy and adjuvant irradiation: retrospective analysis of 304 patients, Stokes S; Bedwinek J; Kao M-S; et al., (Int J Radiat Oncol Biol Phys), 12: 339, 1986
- use of selectron afterloading equipment to simulate and extend the Manchester system for intracavitary therapy of the cervix uteri, Wilkinson JM; Moore CJ; Notley HM; et al, (Radiology), 151: 836, 1984
- themotogy), 191: 396, 1984
  Uterine neoplasms, therapy
  chemotherapy of cervical carcinoma: use of Tc99m-MAA infusion to predict drug
  distribution, Kim EE; Bledin AG;
  Kavanagh J; Haynie TP; Chuang VP,
  (Radiology), 150: 677, 1984
  Uterine neoplasms US
- Uterine neoplasms, US studies
- rectal sonography—a major advance in the diagnosis of recurrence of cervical malignancies, Berneschek G; Tatra G; Janisch H, (Radiology), 155: 557, 1985
- Janisch H, (Radiology), 155: 557, 1985 role of ultrasound in the management of cervical carcinoma, DeWet JJ; Smith BJ, (Radiology), 152: 267, 1984 sonographic features of uterine leiomyomas: analysis of 41 proven cases, Gross BH; Silver TM; Jaffe MH, (Radiology), 152: 865, 1984
- uterine myomas in pregnancy, Winer-Muram HT; Muram D; Gillieson MS, (Radiology), **154**: 861, 1985
- Uterus
- See also Pelvis; Pregnancy; Uterine neoplasms See also reivis; rregnancy; Uterine neoplachanging appearance of the normal uterus during the menstrual cycle: MR studies, Haynor DR; Mack LA; Soules MR; Shuman WP; Montana MA; Moss AA, (Radiology), 161: 459, 1986
- hydrometrocolpos in neonate due to distal vaginal atresia, Nguyen L; Youssef S; Guttman FM; et al, (Radiology), 155: 857,
- sonographic monitoring of LHRH analogue therapy in idiopathic precocious puberty in young girls, Hall DA; Crowley WF; Wierman ME; et al, (JCU), 14: 331, 1986
- Uterus, abnormalities
- congenital uterine anomalies and associated pregnancies: findings and pitfalls of sonographic diagnosis, Pennes DR; Bowerman RA; Silver TM, (J Ultrasound Med), 4: 531, 1985

- congenital uterine anomalies and associated pregnancies: findings and pitfalls of sonographic diagnosis, Pennes DR; Bowerman RA; Silver TM, (Radiology), 158: 859, 1986
- hydrometrocolpos, uterus didelphys, and septate vagina: antenatal sonographic diagnosis, Russ PD; Zavitz WR; Pretorius DH; et al, (J Ultrasound Med), 5:
- magnetic resonance imaging of bicornuate uterus with unilateral hematometrosalpinx and ipsilateral renal agenesis, Hamlin DJ; Pettersson H; Ramey SL; et al, (Urol Radiol), 8: 52, 1986
- Mayer-Rokitansky-Kuster-Hauser syndrome: US aid to diagnosis, Rosenberg HK; Sherman NH; Tarry WF; Duckett JW; Snyder HM, (Radiology), 161: 815, 1986
- sonographic detection of partial uterine inversion, Gross RC; McGahan JP, (AJR), 144: 761, 1985
- spontaneous resolution of unilateral hematometra in a patient with bicornuate uterus: sonographic findings, Musante F; Derchi LE, (JCU), 14: 307, 1986
- ultrasound evaluation of female isosexual precocious puberty, Shawker TH; Comite F; Rieth KG, (Radiology), **154**: 853, 1985
- Uterus, CT
- computed tomography in invasive carcinoma of the cervix: an appraisal, Villasenta U; Whitley NO; Haney PJ; et al, (Radiology), 151: 555, 1984
- CT characteristics of cervical mucocele mimicking a cystic adnexal mass, Coscina WF; Mintz MC; Rascoe RR; et al, (JCAT), 10: 352, 1986
- uterine perforation and embedding by intrauterine device: evaluation by US and hysterography, Rosenblatt R; Zakin D; Stern WZ; Kutcher R, (Radiology), 157: 765,

#### Uterus, cysts

- CT characteristics of cervical mucocele mimicking a cystic adnexal mass, Coscina WF; Mintz MC; Rascoe RR; et al, (JCAT), 10: 352, 1986
- Uterus, diseases
- postoperative hysterosalpingogram: radiographic-surgical correlation, Schwimmer M; Heiken JP; McClennan BL; Friedrich ERF, (Radiology), 157: 313, 1985
- uterus: in vitro MR-anatomic correlation of normal and abnormal specimens, Lee JKT; Gersell DJ; Balfe DM; Worthington JL; Picus D; Gapp G, (Radiology), 157: 175, 1985
- Uterus, hemorrhage
  - clinical consequences after ultrasonic diagnosis of intrauterine hematoma in threatened abortion, Jouppila P, (Radiology), 158: 287. 1986
  - echogenic hematometra mimicking endometrial carcinoma, Rubin D; Graham MF; Cronhelm C; et al, (J Ultrasound Med), 4: 47, 1985
  - extensive intrauterine hematoma mimicking a nonviable early pregnancy, Hill LM; Kislak S, (J Ultrasound Med), 5: 515, 1986
- intrauterine bleeding following transplacental amniocentesis, Perkes EA; Baim RS; Clair MR; et al., (Radiology), **150**: 299, 1984
- placental abruption and subchorionic hemorrhage in the first half of pregnancy: US appearance and clinical outcome, Sauerbrei EE; Pham DH, (Radiology), 160: 109, 1986
- spontaneous resolution of unilateral hematometra in a patient with bicornuate uterus: sonographic findings, Musante F; Derchi LE, (JCU), 14: 307, 1986
- Uterus, hydatidiform mole
  - gestational trophoblastic disease with coexistent normal fetus: evaluation by ultrasound-guided chorionic villus sampling, Hertzberg BS; Kurtz AB; Wapner RJ; et al, (J Ultrasound Med), 5: 467, 1986
  - gestational trophoblastic neoplasm of the uterus: MR assessment, Hricak H; Dema Braga CA; Fisher MR; Winkler ML, (Radiology), 161: 11, 1986
  - magnetic resonance imaging and hydatidiform mole, Powell MC; Buckley J; Worthington BS; et al, (Br J Radiol), 59: 561,

- sonographic appearances of the partial hydatidiform mole, Woo JSK; Wong LC; Hus C; et al, (Radiology), 151: 835, 1984
- Uterus, MR studies
- during the menstrual cycle: MR studies, Haynor DR; Mack LA; Soules MR; Shuman WP; Montana MA; Moss AA, (Radiology), 161: 459, 1986
- female pelvic anatomy: MR assessment of variations during the menstrual cycle and with use of oral contraceptives, McCarthy 5; Tauber C; Gore J, (Radiology), 160: 119, 1986
- magnetic resonance imaging and hydatidiform mole, Powell MC; Buckley J; Worthington BS; et al, (Br J Radiol), 59: 561,
- magnetic resonance imaging of bicornuate uterus with unilateral hematometrosalpinx and ipsilateral renal agenesis, Hamlin DJ; Pettersson H; Ramey SL; et al, (Urol Radiol), 8: 52, 1986
- MRI of the female pelvis: review, Hricak H, (AJR), 146: 1115, 1986
- uterine MR imaging: effects of hormonal stimulation, Demas BE; Hricak H; Jaffe RB, (Radiology), 159: 123, 1986
- uterine neoplasms: MR imaging, Worthington JL; Balfe DM; Lee JKT; Gersell DJ; Heiken JP; Ling D; Glazer HS; Jacobs AJ; Kao MS; McClennan BL, (Radiology), 159: 725, 1986
- (mataboly), 193, 123, 1300 uterus: in vitro MR-anatomic correlation of normal and abnormal specimens, Lee JKT; Gersell Dj; Balfe DM; Worthington JL; Picus D; Gapp G, (Radiology), 157: 175, 1985
- Uterus, perforation partial uterine perforation (type 2) by a copper-TIUD: sonographic diagnosis and management, Abramovici H; Sorokin Y; Bornstein J; et al, (J Ultrasound Med), 4: 381,
- real-time ultrasound diagnosis of bleeding uterine perforation during therapeutic abortion, Shalev E; Ben-Ami M;
- Zuckerman H, (JCU), 14: 66, 1986 ultrasonic monitoring under local anesthesia during removal of an embedded intrauterine contraceptive device, Reuter KL; Daly D, (JCU), 14: 68, 1986
- uterine perforation and embedding by intrauterine device: evaluation by US and hysterography, Rosenblatt R; Zakin D; Stern WZ; Kutcher R, (Radiology), 157: 765,
- Uterus, postoperative
  - postoperative hysterosalpingogram: radiographic-surgical correlation, Schwimmer M; Heiken JP; McClennan BL; Friedrich ERF, (Radiology), 157: 313, 1985
- Uterus, radiography
- catheter hysterosalpingography, Austin RM; Sacks BA; Nowell M; Feital C, (Radiology), 151: 249, 1984
- hexabrix as a contrast agent for hysterosalpingography, Winfield AC; Maxson WS; Harding DR; Diggs J; Wentz AC, (Radiology), 152: 232, 1984
- postoperative hyshrosalpingogram: radiographic-surgical correlation, Schwimmer M; Heiken JP; McClennan BL; Friedrich ERF, (Radiology), 157: 313, 1985
- radiation dose reduction during hysterosalpingography: application of scanning-beam digital radiography, Kushner DC; Yoder IC; Cleveland RH; Herman TE; Goodsitt MM, (Radiology), 161: 31, 1986
- upper reproductive tract radiographic findings in DES-exposed female offspring, Nunley WC Jr.; Pope TL Jr; Bateman BG, (AJR), 142: 337, 1984
- use of a low-osmolality contrast medium in se or a low-osmolative contrast medium in hysterosalpingography: comparison with a conventional contrast medium, Davies AC; Keightley A; Borthwick-Clarke A; et al, (Radiology), 158: 859, 1986
- uterine perforation and embedding by intrauterine device: evaluation by US and hysterography, Rosenblatt R; Zakin D; Stern WZ; Kutcher R, (Radiology), 157: 765,
- uteroenteric fistula due to ruptured ectopic pregnancy, Peters IB; Williams CAK; Dahniya MH, (Radiology), **152**: 551, 1984
- Uterus, radionuclide studies incidental diagnosis of pregnancy on bone and gallium scintigraphy, Palestro CJ; Malat J; Collica CJ; et al, (J Nucl Med), 27: 370, 1986

# Uterus, radionuclide studies

uterine blush in multiphase bone imaging, Mandell GA; Harcke HT; Sharkey C; et al, (J Nucl Med), 27: 51, 1986

visualization of the uterus on evaluation of transplanted kidneys, Feldman N; Makler PT Jr; Velchik MG, (Clin Nucl Med), 11: 62, 1986

#### Uterus, size

inaccuracy of total uterine volume measurements: sources of error and a proposed solution, Kurtz AB; Shaw WM; Kurtz RJ; et al, (Radiology), 154: 860, 1985

neonatal uterine morphology as seen on real-time US, Nussbaum AR; Sanders RC; Jones MD, (Radiology), 160: 641, 1986

total uterine volume: a new graph and its clinical applications, Kurtz AB; Kurtz RJ; Rifkin MD; et al, (Radiology), 154: 860, 1985 uterine MR imaging: effects of hormonal stimulation, Demas BE; Hricak H; Jaffe RB, (Radiology), **159**: 123, 1986

#### Uterus, US studies

See also Fetus, US studies; Pregnancy, US studies

echogenic hematometra mimicking endometrial carcinoma, Rubin D; Graham MF; Cronhelm C; et al, (J Ultrasound Med), 4: 47, 1985

endometrial echo and its significance in female infertility, Brandt TD; Levy EB; Grant TH; Marut E; Leland J, (Radiology), 157: 225, 1985

extensive intrauterine hematoma mimicking a nonviable early pregnancy, Hill LM; Kislak S, (J Ultrasound Med), 5: 515, 1986

inaccuracy of total uterine volume measurements: sources of error and a proposed solution, Kurtz AB; Shaw WM; Kurtz RJ; et al, (Radiology), **154:** 860, 1985

neonatal uterine morphology as seen on real-time US, Nussbaum AR; Sanders RC; Jones MD, (Radiology), **160**: 641, 1986

new observations in the sonographic evaluation of intrauterine contraceptive devices, Najarian KE; Kurtz AB, (J Ultrasound Med), 5: 205, 1986

pelvic organs in premenarcheal girls: real-time ultrasonography, Orsini LF; Salardi S; Pilu G; Bovicelli L; Cacciari E, (Radiology), 153: 113, 1984

placental abruption and subchorionic hemorrhage in the first half of pregnancy: US appearance and clinical outcome, Sauerbrei EE; Pham DH, (Radiology), 160:

ruptured uterus: sonographic diagnosis, Bedi DG; Salmon A; Winsett MZ; et al, (JCU), 14: 529, 1986

sonographic appearances of the partial hydatidiform mole, Woo JSK; Wong LC; Hus C; et al, (Radiology), **151**: 835, 1984

sonographic assessment of the endometrium in patients undergoing in vitro fertilization, Thickman D; Arger P; Tureck R; et al, (J Ultrasound Med), 5: 197, 1986

sonographic demonstration of post-abortion intrauterine osseous tissue, Bourgouin P; Dubuc G; Vauclair R; et al, (J Ultrasound Med), 4: 507, 1985

sonographic depiction of normal and abnormal endometrium with Kalemeris GC; Machin JE; et al, (J Ultrasound Med), 5: 445, 1986

sonographic depiction of the endometrium during normal cycles, Fleischer AC; Kalemeris GC; Entman SS, (Ultrasound Med Biol), 12: 271, 1986

sonographic detection of partial uterine inversion, Gross RC; McGahan JP, (AJR), 144: 761, 1985

sonography of arcuate uterine blood vessels, DuBose TJ; Hill LW; Hennigan HW Jr; et al, (J Ultrasound Med), 4: 229, 1985

spontaneous resolution of unilateral hematometra in a patient with bicornuate uterus: sonographic findings, Musante F; Derchi LE, (JCU), **14**: 307, 1986

clinical applications, Kurtz AB, Kurtz RJ; Rifkin MD; et al. (Radiology), 154: 860, 1985 ultrasonography of the cervix, Van Dongen L, (Radiology), 152: 866, 1984

ultrasound evaluation of sutures following cervical cerclage for incompetent cervix uteri, Parulekar SG; Kiwi R, (Radiology), **150**: 299, 1984

unusual intrauterine objects: potential pitfalls in ultrasonographic identification, Harnsberger HR: Lee TG; Mukuno DH; et al, (Radiology), 151: 560, 1984 update on ultrasound in clinical management of infertility, Haning RV Jr; Zwiebel WJ, (Semin US CT MR), 6: 337, 1985 uterine perforation and embedding by intrauterine device: evaluation by US and hysterography, Rosenblatt R; Zakin D; Stern WZ; Kutcher R, (Radiology), 157: 765, 1985

#### Uveitis

choroidal detachment and ocular hypotony: CT evaluation, Mafee MF; Peyman GA, (Radiology), 153: 697, 1984

(Radiology), 153: 697, 1964
Uvula, inflammation
isolated uvulitis due to haemophilus
influenzae type B. Li KI; Kiernan S;
Wald ER; et al. (Radiology), 157: 282, 1985
uvulitis in children, Kotloff KR; Wald ER,
(Radiology), 151: 262, 1984

# V

computed tomography of vaginitis emphysematosa, Jaramillo D; Allan NK; Raval B, (JCAT), 10: 521, 1986

Vagina, abnormalities

hydrometrocolpos in neonate due to distal vaginal atresia, Nguyen L; Youssef S; Guttman FM; et al, (Radiology), 155: 857,

hydrometrocolpos, uterus didelphys, and septate vagina: antenatal sonographic diagnosis, Russ PD; Zavitz WR; Pretorius DH; et al, (J Ultrasound Med), 5:

211, 1986
Mayer-Rokitansky-Kuster-Hauser syndrome:
US aid to diagnosis, Rosenberg HK:
Sherman NH; Tarry WF; Duckett JW;
Snyder HM, (Radiology), 161: 815, 1986
true hermaphroditism with vaginomegaly: a
cause of pseudo-urinary tract infection,
Anderson SW; Gilani BB;
MacGillivray MH; et al, (Radiology), 152:
256, 1984

Vagina, cysts

computed tomography of vaginal cuff cyst: late complication of hysterectomy, Davis MC; Fishman EK; Cameron JL; et al, (JCAT), 10: 354, 1986

Vagina, neoplasms
design and thermometry of an intracavitary microwave applicator suitable for treatment of some vaginal and rectal cancers, Li D; Luk KH; Jiang HB; et al, (Radiology), 157: 576, 1985

576, 1985
pulmonary lymphangitic carcinomatosis from vaginal carcinoma presenting as congestive heart failure, Koenigs KF; Campbell DR; Magrina J; et al. (Radiology), 151: 257, 1984 radiation treatment of primary carcinoma of the vagina, Prempree T; Amornmarn R, (Radiology), 158: 576, 1986

Vagina, therapeutic radiology afterloading vaginal applicator, Biggs PJ; Wang CC; Gitterman MM, (Int J Radiat Oncol Biol Phys), 12: 247, 1986

improved control of primary vaginal tumours by combined external-beam and interstitial radiotherapy, MacNaught R; Symonds RP; Hole D; et al. (Clin Radiol), 37: 29, 1986

modified Selectron vaginal applicator, Thomas R; Corner GA; Watson ER, (Br J Radiol), 59: 397, 1986

radiation treatment of primary carcinoma of the vagina, Prempree T; Amornmarn R, (Radiology), **158**: 576, 1986

See Esophagus, varices; Retroperitoneal space, varices; Stomach, varices

Varicocele

clinical versus subclinical varicocele: venographic findings and improvement of fertility after embolization, Marsman JWP, (Radiology), 155: 635, 1985

comprehensive scrotal flow and scan technique for detection of varicoceles, Marman JL, Zeiger LS; DeBenedictis TJ; et al, (Radiology), **157**: 575,

correlation of varicocele scintigraphy with venography, Fajman WA; Berkman WA; Wheatley JK; McClees EC; Berger HJ, (Radiographics), 4: 465, 1984

hemodynamics of the variocele, part 1: correlation among the clinical, phlebographic, and scintigraphic findings, Mali WPTM; Oei HY, Arndt JW; et al, (Radiology), 160: 858, 1986

coattology), 100: 308, 1986
hemodynamics of the variocele, part 2:
correlation among the results of renocaval
pressure measurements, varicocele
scintigraphy, and phlebography, Mali
WPTM; Oei HY; Arndt JW; et al,
(Radiology), 160: 858, 1986

management of male infertility: roles of contact thermography, spermatic venography, and embolization, Pochaczevsky R; Lee WJ; Mallett E, (AJR), 147: 97, 1986

percutaneous spermatic vein occlusion: evaluation of sclerosing agents in experimental animals, Kinnison ML;

experimental animals, Kinnison ML; Kadir S; Strandberg JD: Anderson JH; White RI Jr, (Radiology), 161: 299, 1986 percutaneous venography and occlusion in the management of spermatic varicoceles, Morag B; Rubinstein ZJ; Goldwasser B; et al, (AJR), 143: 635, 1984

right-sided variocoele: technique and clinical results of balloon embolotherapy from the femoral approach, Shuman L; White RI Jr; Mitchell SE; Kadir S; Kaufman SL; Chang R, (Radiology), 158: 787, 1986

role of diagnostic ultrasonography in varicocele evaluation, Rifkin MD; Foy PM; Kurtz AB; et al, (Radiology), 151: 833, 1984

scrotal ultrasound in the infertile man: detection of subclinical unilateral and bilateral varicoceles, McClure RD; Hricak H, (Radiology), **160**: 858, 1986

(Radiology), 100, 506, 1976 testicular arterial perfusion in varicocele: the role of rapid sequence scintigraphy with technetium in varicocele evaluation, Comhaire F; Simons M; Kunnen M; et al, (Radiology), 152: 565, 1984

Varicoceles: a coaxial coil occlusion system, Berkman WA; Price RB; Wheatley JK; Fajman WA; Sones PJ; Casarella WJ, (Radiology), 151: 73, 1984

# Varicose veins

See Veins, extremities

# Vasa vasorum

Takayasu arteritis: radiographic and angiographic findings in 59 patients, Yamato M; Lecky JW; Hiramatsu K; Kohda E, (Radiology), 161: 229, 1986

# Vasculitis

cerebral vasculitis and hemorrhage asso with phenylpropanolamine, Fallis RJ; Fisher M, (Radiology), **158**: 572, 1986

cerebral vasculitis secondary to Wegener's granulomatosis: computed tomography and angiographic findings, Yamashita Y; Takahashi M; Bussaka H; et al. (CT), 10: 115,

detection of acute synthetic vascular graft infection with <sup>111</sup>In-labeled leukocyte scanning: animal study, Dries DJ; Alazraki NF; Lawrence PF; et al, (AJR), 145: 1053, 1985

fatal acute vasculitis after high-dose urography with iohexol, Goodfellow T; Holdstock GE; Brunton FJ; et al, (Br J Radiol), 59: 620, 1986

seizures due to central nervous system rheumatoid meningovasculitis, Beck DO; Corbett JJ, (Radiology), **151**: 551, 1984

Virchow-Robin space: path of spread in neurosarcoidosis, Mirfakhraee M; Crofford MJ; Guinto FC Jr; Nauta HJW; Weedn VW, (Radiology), 158: 715, 1986

# Vasopressin

gastric bleeding: therapy with intraarterial vasopressin and transcatheter embolization, Eckstein MR; Kelemouridis V; Athanasoulis CA; Waltman AC; Feldman L; van Breda A, (Radiology), 152: 643, 1984

scrotal and abdominal skin necrosis rotal and abdominal skin necrosis complicating intravenous vasopressin therapy for bleeding esophageal varices, Gogel HK; Sherman RW; Becker LE, (Radiology), 157: 279, 1985

therapy, Zelch MG; Geisinger MA; Risius B, (AJR), 144: 1283, 1985

vasopressin perfusion of esophageal varices in cirrhotic patients: cineangiographic study, Valla D; Huet PM; LaFortune M; Marleau D, (Radiology), 152: 45, 1984

See also Angiography; Arteriovenous malformations; Cerebral blood vessels; Coronary vessels; Embolism; Thrombosis; Venography; under names of specific blood vessels, such as Portal vein; Renal veins; etc.

imaging of venous thromboemboli with labeled platelets, Moser KM; Fedullo PF, (Semin Nucl Med), 14: 188, 1984

#### Veins, abnormalities

magnetic resonance imaging of developmental venous anomalies, Fisher MR; Hricak H; Higgins CB, (AJR), 145: 705, 1985

magnetic resonance imaging of systemic venous anomalies, Ellis JH; Denham JS; Bies JR; et al, (Comput Radiol), 10: 15, 1986

persistence of the cardinal veins and thrombosis: CT demonstration, Barack BM, (ICAT), 10: 327, 1986

### Veins, axillary

normal and occluded mediastinal veins: MR imaging, McMurdo KK; de Geer G; Webb WR; Gamsu G, (Radiology), 159: 33,

#### Veins, azygos

normal and occluded mediastinal veins: MR imaging, McMurdo KK; de Geer G; Webb WR; Gamsu G, (Radiology), **159:** 33,

vascular pedicle and the vena azygos. part III: in trauma—the "vanishing" azygos, Milne ENC; Imray TJ; Pistolesi M; Miniati M; Giuntini C, (Radiology), 153: 25,

vascular pedicle of the heart and the vena azygos. part II: acquired heart disease, Pistolesi M; Milne ENC; Miniati M; Giuntini C, (Radiology), **152**: 9, 1984

vascular pedicle of the heart and the vena azygos. part I: the normal subject, Milne ENC; Pistolesi M; Miniati M; Giuntini C, (Radiology), **152**: 1, 1984

### Veins, brachiocephalic

lobe of the right brachiocephalic vein, Goebel N, (Radiology), 152: 860, 1984

normal and occluded mediastinal veins: MR imaging, McMurdo KK; de Geer G; Webb WR; Gamsu G, (Radiology), **159:** 33,

thoracic venous anatomy, Godwin JD; Chen JTT, (AJR), 147: 674, 1986

### Veins, calculi

relation between pelvic phleboliths and diverticular disease of the colon, Hunter TB; Merkley R; Pitt MJ, (AJR), 143: 105, 1984

abdominal venous system: assessment using MR, Hricak H; Amparo EG; Fisher MR; Crooks LE; Higgins CB, (Radiology), 156: 415, 1985

CT visualization of posterior vertebral veins: sign of vena caval obstruction, Vachon L; Gilsanz V, (Pediatr Radiol), 16: 197, 1986

mesenteric vein thrombosis: CT identification, Rosen A; Korobkin M; Silverman PM; et al, (AJR), 143: 83, 1984

review of computed tomography findings in thrombosis of the major abdominal venous pathways, Castillo M; Nunez D; Morillo G, (CT), 10: 205, 1986

varicosity of the left renal ascending lumbar communicant vein: a pitfall in CT diagnosis, Lien HH; von Krogh J, (Radiology), **152**: 484,

### Veins, cystic

dilatation of the cystic veins in portal hypertension: sonographic demonstration, Marchal GJF; Van Holsbeeck M; Tshibwabwa-Tumba E; Goddeeris PG; Fevery J; Oyen RH; Adisoejoso B; Baert AL; Van Steenbergen W, (Radiology), **154**: 187,

### Veins, epidural

cervical disk herniation: CT demonstration after contrast enhancement, Russell EJ; D'Angelo CM; Zimmerman RD; Czervionke LF; Huckman MS, (Radiology), 152: 703, 1984

#### Veins, extremities

angiography in the in situ saphenous vein bypass, Dan SJ; Train JS; Mitty HA; et al, (ÅJR), **147**: 51, 1986

(A)R), 147: 31, 7906
assessment of deep venous insufficiency by ascending phlebography, Lundstrom B;
Osterman G, (Radiology), 152: 845, 1984
deep venous thrombosis: detection by probe compression of veins, Raghavendra BN;
Horii SC; Hilton S; et al, (J Ultrasound Med),
5: 80: 1985

descending phlebography in the assessment of long saphenous vein incompetence, Thomas ML; Bowles JN, (AJR), 145: 1255, 1985

entrapment of below-the-knee bypass grafts, LeVeen RF; Batterman HJ; Billman LA; et al, (Cardiovasc Intervent Radiol), 9: 100, 1986

free-floating iliofemoral thrombus. risk of pulmonary embolism, Norris CS; Greenfield LJ; Herrmann JB, (Radiology), 158: 281, 1986

graft patency evaluation with DSA after reconstructive venous surgery, Morano JU; Burkhalter JL, (Radiology), 160: 267, 1986 iliofemoral venous thrombosis: real-time

ultrasound diagnosis, normal criteria, and clinical application, Effeney DJ; Friedman MB; Gooding GAW, (Radiology), 150: 787, 1984

incompetent perforating veins: comparison of varicography and ascending phlebography, Thomas ML; Bowles JN, (Radiology), 154:

inflammatory lesions of the groin: ultrasonic evaluation, Sandler MA; Alpern MB; Madrazo BL; Gitschlag KF, (Radiology), **151**:

in situ saphenous vein bypass graft: radiologic aspects, Schwarz W; Nozick J; Richmand D; et al, (AJR). 146: 605, 1986 leiomyosarcomas of venous origin in the extremities. a correlated clinical, roentgenologic, and morphologic study with diagnostic and surgical implications, Berlin O; Stener B; Kindblom L-G; et al, (Radiology), **156**: 268, 1985

recurrent varicose veins: a radiological approach to investigation, Starnes HF; Vallance R; Hamilton DNH, (Radiology), 153: 564, 1984

retrievable vena caval filter percutaneously introduced, Lund G; Rysavy JA; Hunter DW; Castaneda-Zuniga WR; Amplatz K, (Radiology), 155: 831, 1985

upper-extremity venography using digital subtraction angiography, Kinnison ML; Kaufman SL; Chang R; et al, (Cardiovasc Intervent Radiol), 9: 106, 1986

### Veins, Galen

MRI of an aneurysm of the vein of Galen, Roosen N; Schirmer M; Lins E; et al, (AJNR),

prenatal diagnosis of arteriovenous malformation of the vein of Galen, Reiter AA; Huhta JC; Carpenter RJ Jr; et al, (JCU), 14: 623, 1986

retrievable Gianturco-coil introducer, Hawkins J; Quisling RG; Mickle JP; Hawkins IF, (Radiology), **158**: 262, 1986

### Veins, gastric

enns, gastric
esophageal varices: correlation of left gastric
venography and endoscopy in patients with
portal hypertension, Takashi M; Igarashi M;
Hino S; Musha H; Takayasu K; Arakawa M;
Nakashima T; Ohnishi K; Okuda K, (Radiology), 155: 327, 1985

Veins, grafts and prostheses angiography in the in situ saphenous vein bypass, Dan SJ; Train JS; Mitty HA; et al, (AJR), 147: 51, 1986

experimenta: evaluation, Wright KC; Wallace 5; Charnsangavej C; Carrasco CH; Gianturco C, (Radiology), 156: 69, 1985

Veins, hemiazygos normal and occluded mediastinal veins: MR imaging, McMurdo KK; de Geer G; Webb WR; Gamsu G, (Radiology), 159: 33, 1986

### Veins, hepatic

See Hepatic veins

### Veins, iliac

technetium-99m RBC venography revealing bilateral iliac vein obstruction, Lisann NM; Palestro CJ; Benua RS, (Clin Nucl Med), 11: 598, 1986

### Veins, innominate

CT diagnosis of idiopathic aneurysms of the thoracic systemic veins, Moncada R; Demos TĆ; Marsan R; et al, (JCAT), 9: 305,

#### Veins, jugular

digital vascular imaging of neck veins for the insertion of chronic venous access catheters Soppitt D; Rich AJ; Robson RA, (Clin Radiol), 37: 147, 1986

external jugular vein thrombosis: CT demonstration, Fishman EK; Gayler BW; Magid D; et al, (JCAT), 9: 580, 1985

internal jugular vein phlebectasia and duplication: CT features, Som PM; Shugar JMA; Sacher M; et al, (JCAT), 9: 390, 1985

jugular vein obstruction caused by turning of the head, Gooding CA; Stimac GK, (AJR), 142: 403, 1984

jugular venous ectasia in children, Franchella A: Riccipetitoni G; Azzolini P; et al, (Radiology), 151: 548, 1984 jugular venous thrombosis: MR imaging, Braun IF; Hoffman JC Jr; Malko JA; Pettigrew RI; Dannels W; Davis PC, (Radiology), 157: 357, 1985

schwannomas of the jugular foramen, Crumley RL; Wilson CC, (Radiology), 155: 280, 1985

thoracic venous anatomy, Godwin JD; Chen JTT, (AJR), 147: 674, 1986

ultrasonic evaluation of jugular venous valve competence, Brownlow RL Jr; McKinney WM, (J Ultrasound Med), 4: 169,

unidirectinal 8-MHz continuou Doppler equipment can facilitate catheterization of the internal jugular vein, Schregel W; Straub H; Singbartl G, (J Ultrasound Med), 5: 421, 1986

#### Veins, jugular, thrombosis

internal jugular vein thrombosis, Cohen JP; Persky MS; Reede DL, (Radiology), 161: 862,

#### Veins, lumbar, CT

varicosity of the left renal ascending lumbar communicant vein: a pitfall in CT diagnosis, Lien HH; von Krogh J, (Radiology), 152: 484,

### Veins, mesenteric

gastrointestinal hemorrhage associated with chronic mesenteric venous occlusion, Soper NJ; Rikkers LF; Miller FJ, (Radiology), 158: 858, 1986

mesenteric vein thrombosis: CT identification, Rosen A; Korobkin M; Silverman PM; et al, (AJR), 143: 83, 1984

predictive value of ultrasonography in the screening of non-ascitic cirrhotic patients with large varices, Cottone M; D'Amico G; Maringhini A; et al, (J Ultrasound Med), 5: 189, 1986

sonographic diagnosis of thrombosis of the superior mesenteric vein and small bowel infarction, Phillips G; Dimitrieva Z, (J Ultrasound Med), 4: 565, 1985

ultrasonic demonstration of superior mesenteric and splenoportal venous thrombosis, Kidambi H; Herbert R; Kidambi AV, (JCU), 14: 199, 1986

# Veins, mesenteric, thrombosis

ultrasound as first imaging modality in superior mesenteric and portal vein thrombosis, Freling NJM; Schuur KH; Haagsma EB; et al, (JCU), 14: 554, 1986

# Veins, mesenteric, US studies

ultrasound as first imaging modality in superior mesenteric and portal vein thrombosis, Freling NJM; Schuur KH; Haagsma EB; et al, (JCU), 14: 554, 1986

### Veins, MR studies

abdominal venous system: assessment using MR, Hricak H; Amparo EG; Fisher MR; Crooks LE; Higgins CB, (Radiology), 156: 415, 1985

magnetic resonance imaging of developmental venous anomalies, Fisher MR; Hricak H; Higgins CB, (AJR), 145: 705, 1985

magnetic resonance imaging of patent umbilical veins, Weinreb JC; Hodges S; Garcia R, (AJR), 144: 747, 1985

magnetic resonance imaging of systemic venous anomalies, Ellis JH; Denham JS; Bies JR; et al, (Comput Radiol), 10: 15, 1986

MRI of angiographically occult vascular malformations, Lemme-Plaghos L; Kucharczyk W; Brant-Zawadzki M; et al, (AJR), 146: 1223, 1986

normal and occluded mediastinal veins: MR imaging, McMurdo KK; de Geer G; Webb WR; Gamsu G, (Radiology), **159**: 33,

nuclear magnetic resonance: principles of blood flow imaging, Mills CM; Brant-Zawadzki M; Crooks LE; et al, (AJR), 142: 165, 1984

portosystemic collaterals on MR imaging, Ohtomo K; Itai Y; Makita K; et al, (JCAT), 10: 751, 1986

veins, ovarian sonography case of the day, Feinberg SB; Crass JR; Kirkham J, (AJR), 144: 1303, 1985 Veins, ovarian, thrombosis

MRI of puerperal ovarian-vein thrombosis (case report), Martin B; Mulopulos GP; Bryan PJ, (AJR), 147: 291, 1986

### Veins, pelvic

graft patency evaluation with DSA after reconstructive venous surgery, Morano JU; Burkhalter JL, (Radiology), 160: 267, 1986

radionuclide venography: imaging monitor in deep-vein thrombosis of the pelvis and lower extremities, Sy WM; Seo IS, (Br J Radiol), 59: 325, 1986

relation between pelvic phleboliths and diverticular disease of the colon, Hunter TB; Merkley R; Pitt MJ, (AJR), 143: 105, 1984

saphenous varix: ultrasonic diagnosis, Wales LR; Azose AA, (J Ultrasound Med), 4:

### Veins, popliteal

See also Veins, extremities

successful vein bypass in patients with an ischemic limb and palpable popliteal pulse, Cantelmo NL; Snow JR; Menzoian JO; et al, (Radiology), 160: 287, 1986

Veins, portal See Portal vein

Veins, prostheses See Veins, grafts and prostheses

# Veins, pulmonary

See Pulmonary veins

#### Veins, renal See Renal veins

Veins, spermatic

clinical versus subclinical varicocele: venographic findings and improvement of fertility after embolization, Marsman JWP, (Radiology), 155: 635, 1985

management of male infertility: roles of contact thermography, spermatic venography, and embolization, Pochaczevsky R; Lee WJ; Mallett E, (AJR), 147: 97, 1986

percutaneous spermatic vein occlusion: evaluation of sclerosing agents in experimental animals, Kinnison ML; Kadir S; Strandberg JD; Anderson JH; White RI Jr, (Radiology), 161: 299, 1986

right-sided varicocele: technique and clinical results of balloon embolotherapy from the femoral approach, Shuman L; White RI Jr, Mitchell SE; Kadir S; Kaufman SL; Chang R, (Radiology), 158: 787, 1986

(Radiology), 158: 787, 1986
role of spermatic venography after surgical high ligation of the left spermatic veins: diagnosis and percutaneous occlusion, Morag B; Rubinstein Zj; Madgar I; et al. (Radiology), 157: 850, 1985

## Veins, splenic

MR, CT, and ultrasonographic demonstration of splenic vein thrombosis, Kneeland JB; Auh YH; Zirinsky K; et al, (JCAT), 8: 1199,

portal pressure changes induced by medical treatment: US detection, Zoli M; Marchesini G; Marzocchi A; Marrozzini C; Dondi C; Pisi E, (Radiology), 155: 763, 1985

portal venous system measurements in portal hypertension, Lafortune M; Marleau D;

hypertension, Latortune M; Marleau D; Breton G; Viallet A; Lavoie P; Huet P-M, (Radiology), 151: 27, 1984 predictive value of ultrasonography in the screening of non-ascitic cirrhotic patients with large varices, Cottone M; D'Amico G; Maringhini A; et al. (J Ultrasound Med), 5: 189, 1986

### Veins, splenic, thrombosis

radiogallium hot spleen in Trousseau's syndrome with splenic vein occlusion, Dey HM; Karimeddini MK; Ciesielski TE; et al, (Clin Nucl Med), 11: 640, 1986

# Veins, subclavian

digital subtraction venography in central venous obstruction, Benenati JF; Becker GJ; Mail JT; et al, (AJR), **147**: 685, 1986

obstruction of the superior vena cava or subclavian veins: sonographic diagnosis, Gooding GAW; Hightower DR; Moore EH; Dillon WP; Lipton MJ, (Radiology), **159**: 663,

subclavian vein thrombosis secondary to chronic otitis media, Surkin MI; Green RP; Kessler SM; et al, (Radiology), **150**: 862, 1984

thoracic venous anatomy, Godwin JD; Chen JTT, (AJR), 147: 674, 1986

#### Veins, testicular

varicoceles: a coaxial coil occlusion system, Berkman WA; Price RB; Wheatley JK; Fajman WA; Sones PJ; Casarella WJ, (Radiology), 151: 73, 1984

### Veins, therapeutic blockade

clinical versus subclinical varicocele: venographic findings and improvement of fertility after embolization, Marsman JWP, (Radiology), 155: 635, 1985

(Radiology), 153: 635, 1965 detachable steel spring coils for vessel occlusion, Lund G; Rysavy JA; Kotula F; Castaneda-Zuniga WR; Amplatz K, (Radiology), 155: 530, 1985

embolization of small vessels with a double-lumen microballoon catheter. part I: design and construction, ApSimon HT; Hartley DE, (Radiology), 151: 55, 1984

embolization of small vessels with a doublelumen microballoon catheter, part II. laboratory, animal, and histological studies. work in progress, ApSimon HT; Hartley DE; Maddren L; Harper C, (Radiology), 151: 59,

embolotherapy in vascular disease White RI Jr, (AJR), 142: 27, 1984

percutaneous spermatic vein occlusion: evaluation of sclerosing agents in experimental animals, Kinnison ML; Kadir S; Strandberg [D; Anderson JH; White RI Jr, (Radiology), 161: 299, 1986

retrievable Gianturco-coil introducer, Hawkins J; Quisling RG; Mickle JP; Hawkins IF, (Radiology), **158**: 262, 1986

right-sided variocotel: technique and clinical results of balloon embolotherapy from the femoral approach, Shuman L; White RI Jr, Mitchell SE, Kadir S, Kaufman SL; Chang R, (Radiology), 158: 787, 1986

serum C-reactive protein response to therapeutic embolization: possible role in management, Hind CRK; Thomas AMK; Pepys MB; et al, (Radiology), **156**: 565, 1985

steel occlusion coils: pretreatment with thrombin, McLean GK; Stein EJ; Burke DR; Meranze SG, (Radiology), **158**: 549, 1986

varicoceles: a coaxial coil occlusion system, Berkman WA; Price RB; Wheatley JK; Fajman WA; Sones PJ; Casarella WJ, (Radiology), 151: 73, 1984

# Veins, transluminal angioplasty

dialysis access fistulas: treatment of stenoses by transluminal angioplasty, Glanz S; Gordon DH; Butt KMH; Hong J; Adamsons RJ; Sclafani SJA, (Radiology), 152: 637, 1984

failed hemodialysis shunts: one year of experience with aggressive treatment, Zeit RM; Cope C, (Radiology), **154**: 353, 1985

failing arteriovenous dialysis fistulas: evaluation and treatment, Hunter DW; Castaneda-Zuriga WR; Coleman CC; Young AT; Salomonowitz E; Mercado S; Amplatz K, (Radiology), 152: 631, 1984

interventional techniques in congenital heart disease, Mitchell SE; Kan JS; White RI Jr, (Semin Roentgenol), 20: 290, 1985

management of angioplasty complications, unsuccessful procedures and early and late failures, Samson RH; Sprayregen S; Veith FJ; et al, (Radiology), 154: 850, 1985

percutaneous catheter balloons: failure to deflate, Schneider JR; Johnsrude IS; Lund G; Rysavy J; Anderson RW; Amplatz K, (Radiology), 155: 832, 1985

percutaneous transluminal angioplasty of aortocoronary saphenous vein graft. morphologic observations, Famularo M; Vasilomanolakis EC; Schrager B; et al, (Radiology), 150: 857, 1984

percutaneous transluminal angioplasty of the hepatic veins for treatment of Budd-Chiari syndrome, Uflacker R; Francisconi CF; Rodriguez MP; Amaral NM, (Radiology), 153: 641, 1984

percutaneous transluminal angioplasty technique: early and late results, Dotter CT; Gruntzig AR; Schoop W; Zeitler E, Reviewed by Gerlock AJ Jr, (Radiology), 153: 378, 1984

by Gerick A) Jr, (Kadiology), 153: 376, 154 stenotic lesions in dialysis-access fistulas: treatment by transluminal angioplasty using high-pressure balloons, Glanz S; Gordon DH; Butt KMH; Hong J; Adamsons RJ; Sclafani SJA, (Radiology), 156: 256, 1985

transluminal angioplasty, Castaneda-Zuniga WR, ed, Reviewed by Gerlock AJ Jr, (Radiology), **151**: 348, 1984

treatment of portal vein obstruction by percutaneous transhepatic angioplasty, Uflacker R; Alves MA; Cantisani GG; et al, (Radiology), 156: 857, 1985

#### Veins, umbilical

ens, umblical enlarged umbilical vein as a sign of portal hypertension: detection by lateral radiography, Nishimura K; Togashi K; Itoh K; Dodo Y; Tanada S; Nakano Y; Torizuka K, (Radiology), 155: 294, 1985

intrahepatic (calcifications in infants and children following umbilical vein catheterization, Richter E; Globl 14; Holthusen W; et al, (Radiology), 153: 568,

magnetic resonance imaging of patent umbilical veins, Weinreb JC; Hodges S; Garcia R, (AJR), 144: 747, 1985

recanalized umbilical vein in portal hypertension: myth, Lafortune M; Constantin A; Breton G; et al, (AJR), 144:

sonographic demonstration of a patent umbilical vein in portal vein tumor thrombosis, Leekam RN; Matzinger MA; Haber G, (Radiology), 155: 557, 1985

umbilical vein thrombosis: sonographi: detection in utero, Abrams SL; Callen PW; Filly RA, (J Ultrasound Med), 4: 283, 1985

### Veins, ureteral

idiopathic ureteral varicose veins in children. report of four cases, Padovani J; Grangier ML; Faure F; et al, (Radiology), 155: 553, 1985

### Veins, US studies

cardiovascular applications of multi-gate pulsed Doppler systems, Reneman RS; van Merode T; Hick P; et al, (Ultrasound Med Biol), 12: 357, 1986

primary Budd-Chiari syndrome: ultrasonic demonstration, Makuuchi M; Hasegawa H; Yamazaki S; Moriyama N; Takayasu K; Okazaki M, (Radiology), 152: 775, 1984

sonographic demonstration of buckling of the great vessels of the neck, Subramanyam BR; great vessels of the neck, Subtai Horii SC, (AJR), 142: 1111, 1984

ultrasonic evaluation of jugular venous valve competence, Brownlow RL Jr; McKinney WM, (J Ultrasound Med), 4: 169,

venous renal tumor extension: prospective US evaluation, Schwerk WB; Schwerk WN; Rodeck G, (Radiology), **156**: 491, 1985

### Veins, vertebral

thoracic venous anatomy, Godwin JD; Chen JTT, (AJR), 147: 674, 1986

vertebral venous channels: CT appearance and differential considerations, Sartoris DJ; Resnick D; Guerra J Jr, (Radiology), 155: 745, 1985

### Venae cavae

abdominal venous system: assessment using MR, Hricak H; Amparo EG; Fisher MR; Crooks LE; Higgins CB, (Radiology), 156: 415, 1985

thoracic venous anatomy, Godwin JD; Chen JTT, (AJR), 147: 674, 1986 vascular pedicle of the heart and the vena

azygos. part I: the normal subject, Milne ENC; Pistolesi M; Miniati M; Giuntini C, (Radiology), **152:** 1, 1984

### Venae cavae, abnormalities

concurrent duplication and azygos continuation of the inferior vena cava, Coscina WF; Arger PH; Mintz MC; et al, (CT), 10: 287, 1986

congenital heart disease: gated MR imaging in 72 patients, Didier D; Higgins CB; Fisher MR; Osaki L; Silverman NH; Cheitlin MD, (Radiology), 158: 227, 1986

congenital heart disease: gated MR imaging in 72 patients, Julsrud PR, (Radiology), 161: 277, 1986

- congenital heart disease: gated MR imaging in 72 patients: reply, Didier D, (Radiology), 161: 278, 1986
- CT diagnosis of idiopathic aneurysms of the thoracic systemic veins, Moncada R; Demos TC; Marsan R; et al, (JCAT), 9: 305,
- infrahepatic interruption of the inferior vena cava with portal continuation, Bercoff E; Colin R; Benozio M; Janvresse A; Berland J; Fillastre J-P, (Radiology), 154: 771, 1985
- pseudoprominent aorta: radiographic findings and CT correlation, Brown KT; Shepard JO; Stewart WJ, (Radiology), 155: 299, 1985
- right periureteric venous ring detected by computed tomography, Sasai K; Sano A; Imanaka K; et al, (JCAT), 10: 349, 1986
- superior vena caval abnormalities: their occurrence rate, associated cardiac abnormalities and angiographic classification in a paediatric population with congenital heart disease, Buirski G; Jordan SC; Joffe HS; et al, (Clin Radiol), 37: 131, 1986
- Venae cavae, angiography
- perforation of the superior vena cava: a complication of digital angiography in Ehlers-Danlos syndrome, Driscoll SHM; Comes AS; Machleder HI, (AJR), 142: 1021,
- superior vena cava obstruction: evaluation with digital subtraction angiogrpahy, Sharma RP, Keller CE, Shetty PC; Burke MW, (Radiology), 160: 845, 1986

#### Venae cavae, CT

- cavae, C.I.
  computed tomographic and ultrasound
  appearance of Kim-Ray Greenfield vena
  caval filters and potential for noninvasive
  localization, Dunne MG; Goldstein WZ,
  (Radiology), 152: 560, 1984
- (Radiology), 152: 560, 1984
  computed tomography of a thrombosed left inferior vena cava, Lepke RA; Pagani JJ, (Radiology), 150: 296, 1984
  concurrent duplication and azygos continuation of the inferior vena cava, Coscina WF; Arger PH; Mintz MC; et al, (CT), 10: 287, 1986
- evaluation of superior vena cava syndrome by axial CT and CT phlebography, Moncada R; Cardella RG; Demos TC; et al, (AJR), 143: 731, 1984
- inferior vena cava CT pseudothrombus produced by rapid arm-vein contrast infusion, Vogelzang RL; Gore RM; Neiman HL; et al, (AJR), 144: 843, 1985
- inferior vena caval filters: noninvasive evaluation, Liu G-C; Angtuaco TL; Ferris EJ; Shah HR; Reifsteck JE; Harshfield DL, (Radiology), 160: 521, 1986
- invasion of the inferior vena cava by testicular seminoma: demonstration by computed tomography and venography, O'Brien WM; Choyke PL; Lynch JH; et al, (Urol Radiol), 8:
- portacaval space: CT with MR correlation, Zirinsky K; Auh YH; Rubenstein WA; Kneeland JB; Whalen JP; Kazam E, (Radiology), 156: 453, 1985
- superior vena caval obstruction: detection using CT, Bechtold RE; Wolfman NT; Karstaedt N; Choplin RH, (Radiology), 157: 485, 1985

## Venae cavae, filters

- expediting percutaneous Greenfield vena caval filter placement, Shetty PC; Bok LR; Burke MW; Sharma RP, (Radiology), 161: 275, 1986 balloon dilation of the femoral vein
- computed tomographic and ultrasound appearance of Kim-Ray Greenfield vena caval filters and potential for noninvasive localization, Dunne MG; Goldstein WZ, (Radiology), 152: 560, 1984
- CT evaluation of Kimray-Greenfield filter complications, Miller CL; Wechsler RJ, (AJR), 147: 45, 1986
- experience with the Amplatz retrievable vena caval filter: work in progress, Darcy MD; Cardella JF; Hunter DW; Smith TP; Castaneda-Zuniga WR; Lund G; Amplatz K, (Radiology), 161: 611, 1986
- Greenfield caval filters: long-term radiographic follow-up study, Messmer Jl Greenfield LJ, (Radiology), **156**: 613, 1985
- inferior vena caval filters: noninvasive evaluation, Liu G-C; Angtuaco TL; Ferris EJ; Shah HR; Reifsteck JE; Harshfield DL, (Radiology), 160: 521, 1986

- Kimray-Greenfield vena cava filter: percutaneous introduction, Tadavarthy SM; Castaneda-Zuniga WR; Salomonowitz E; Lund G; Cragg AH; Hunter D; Coleman C; Amplatz K, (Radiology), 151: 525, 1984
- manipulation of vena cava filters: locked-catheter technique, Glass TA; D'Souza V Velasquez G; Formanek AG; Meredith J; Albertson D, (Radiology), 150: 258, 1984
- new vena caval filter for percutaneous placement and retrieval: experimental study. Lund G; Rysavy JA; Salomonowitz E; Cragg AH; Kotula F; Castaneda-Zuniga WR; Hunter DW; Coleman CC; Amplatz K, (Radiology), 152: 369, 1984
- percutaneous Kimray-Greenfield filter placement by femoral vein puncture, Denny DF; Cronan JJ; Dorfman GS; et al, (AJR), 145: 827, 1985
- percutaneous retrieval of Kimray-Greenfield vena caval filter, Schneider P-A; Bednarkiewicz M, (Radiology), **156**: 547,
- percutaneous transcatheter filter for the inferior vena cava: a new device for treatment of patients with pulmonary embolism, Roehm JOF Jr; Gianturco C; Barth MH; Wright KC, (Radiology), 150: 255, 1984
- renal cell carcinoma invading the inferior vena cava: use of the Greenfield filter to prevent tumor emboli during nephrectomy, Rosenthal D; Gershon CR; Rudderman R, (Radiology), 158: 569, 1986
- retrievable vena caval filter percutaneously introduced, Lund G, Rysavy JA; Hunter DW; Castaneda-Zuniga WR; Amplatz K, (Radiology), 155: 831, 1985
- (Nationogy), 155: 631, 1769 short-term prophylaxis of pulmonary embolism by using a retrievable vena cava filter, Darcy MD; Smith TP; Hunter DW; et al, (AJR), 147: 836, 1986
- vena caval filter to prevent pulmonary embolism: experimental study. work in progress, Gunther RW; Schild H; Fries A; Storkel S, (Radiology), 156: 315, 1985

#### Venae cavae, grafts and prosthese

- radiological follow-up of transluminally inserted vascular endoprostheses: an experimental study using expanding spirals, Maass D; Zollikofer CL; Largadrer F; Senning A, (Radiology), 152: 659, 1984
- Senning A, (Kadiology), 152: 659, 1984 stenosis of the vena cava: preliminary assessment of treatment with expandable metallic stents, Charnsangavej C; Carrasco CH; Wallace S; Wright KC; Ogawa K; Richli W; Gianturco C, (Radiology), 161: 295, 1986

## Venae cavae, MR studies

- azygos continuation of the inferior vena cava: demonstration by NMR imaging, Schultz CL; Morrison S; Bryan PJ, (Radiology), 155: 283, 1985
- leiomyosarcoma of the superior vena cava: diagnosis by cardiac gated MR, Lupetin AR; Dash N; Beckman I, (Cardiovasc Intervent Radiol), 9: 103, 1986
- normal and occluded mediastinal veins: MR imaging, McMurdo KK; de Geer G; Webb WR; Gamsu G, (Radiology), **159**: 33,
- portacaval space: CT with MR correlation, Zirinsky K; Auh YH; Rubenstein WA; Kneeland JB; Whalen JP; Kazam E, (Radiology), 156: 453, 1985
- unusual hepatic venous drainage in inferior vena cava obstruction: demonstration by MRI, Guinet C; Mathieu D; Metreau J-M; et al, (AJR), 147: 635, 1986

### Venae cavae, neoplasms

- hepatocellular carcinoma with venous invasion. sonographic-angiographic correlation, Subramanyam BR; Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, (Radiology), 150: 793, 1984
- invasion of the inferior vena cava by testicular seminoma: demonstration by computed tomography and venography, O'Brien WM; Choyke PL; Lynch JH; et al, (Urol Radiol), 8: 108, 1986
- leiomyosarcoma of the inferior vena cava (IVC) with intracardiac extension, Gutierrez OH; Desai S; Burgener FA, (Eur J Radiol), 6: 153, 1986
- leiomyosarcoma of the superior vena cava: diagnosis by cardiac gated MR, Lupetin AR; Dash N; Beckman I, (Cardiovasc Intervent Radiol), 9: 103, 1986

- radiological diagnosis of leiomyosarcoma of the inferior vena cava, Lok AS-F; Wong K-P; Lee P-K; et al, (Clin Radiol), 37: 403, 1986
- renal cell carcinoma invading the inferior vena cava: use of the Greenfield filter to prevent tumor emboli during nephrectomy, Rosenthal D; Gershor CR; Rudderman R, (Radiology), 158: 569, 1986

#### Venae cavae, obstruction

- "aortic nipple" as a sign of impending superior vena caval syndrome, Carter MM; Tarr RW; Mazer MJ; et al, (Radiology), 157: 848, 1985
- appearance of lung scan in venae cavae occlusion, Edeburn GF; Kozlowski JF; Tumeh SS, (AJR), **145**: 273, 1985
- bronchogenic cyst causing superior vena cava obstruction: CT appearance, Bankoff MS; Daly BDT; Johnson HA; et al, (JCAT), 9: 951, 1985
- CT visualization of posterior vertebral veins: sign of vena caval obstruction, Vachon L; Gilsanz V, (Pediatr Radiol), 16: 197, 1986
- GHSanz V, (Pediatr Radiol), 16: 197, 1996 intrahepatic venous collaterals forming via the inferior right hepatic vein in 3 patients with obstruction of the inferior vena cava, Takayasu K; Moriyama N; Muramatsu Y; Goto H; Shima Y; Yamada T; Makuuchi M; Yamasaki S; Hasegawa H; Hojo K, (Radiology), 154: 323, 1985
- MRI evaluation of mediastinal and thoracic inlet venous obstruction, Weinreb JC; Mootz A; Cohen JM, (AJR), 146: 679, 1986
- normal and occluded mediastinal veins: MR imaging, McMurdo KK; de Geer G; Webb WR; Gamsu G, (Radiology), 159: 33,
- obstruction of the superior vena cava or subclavian veins: sonographic diagnosis, Gooding GAW; Hightower DR; Moore EH; Dillon WP; Lipton MJ, (Radiology), 159: 663,
- Bencer's disease associated with superior vena cava obstruction, Or I; Roguin N; Yahalom M; et al., (Cardiovasc Intervent Radiol), 9: 13, 1986
- progression of mediastinal tuberculosis and ogression of mediastrial tuberculosis and superior vena caval obstruction demonstrated by gallium-67 citrate and radiocolloid liver scintigraphy, Shih W-J; DeLand FH; Domstad PA; et al, (Clin Nucl Med), 11: 126, 1986
- right atrial thrombus and superior vena cava syndrome in a child, Graham L Jr; Gumbiner CH, (Radiology), **154**: 274, 1985
- role of venography and surgery in the management of patients with superior vena cava obstruction, Stanford W; Doty DB, (Radiology), 160: 574, 1986
- sonographic evaluation of inferior vena caval obstruction: correlative study with vena cavography, Park JH; Lee JB; Han MC; et al, (AJR), 145: 757, 1985
- superior vena caval obstruction: detection using CT, Bechtold RE; Wolfman NT; Karstaedt N; Choplin RH, (Radiology), 157: 485, 1985
- superior vena caval syndrome in primary mediastinal germ cell tumors, Holbert BL; Libshitz HI, (J Canad Assoc Radiol), 37: 182,
- superior vena cava obstruction: evaluation with digital subtraction angiogrpahy, Sharma RP; Keller CE; Shetty PC; Burke MW, (Radiology), 160: 845, 1986
- transhepatic collateral pathway due to vena caval obstruction, Salomonowitz E; Castaneda-Zuniga WR; Bass JL; et al, (AJR), 142, 121, 1984. 142: 1210, 1984
- unusual hepatic venous drainage in inferior vena cava obstruction: demonstration by MRI, Guinet C; Mathieu D; Metreau J-M; et al, (AJR), 147: 635, 1986
- value of radionuclide venography in superior vena caval obstructon, Coltart RS; Wraight EP, (Radiology), **158**: 287, 1986

## Venae cavae, perforation

impending catheter perforation of superior vena cava: radiographic recognition, Tocino IM; Watanabe A, (AJR), 146: 487,

### Venae cavae, radionuclide studies

dynamic process captured on a single image: approach to screening for abnormal superic vena caval flow, Simon TR; Middleton RA; Barr P; et al, (J Nucl Med), 27: 838, 1986

### Venae cavae, stenosis

- digital subtraction venography in central venous obstruction Benenati IF: Becker CI: Mail JT; et al, (AJR), 147: 685, 1986
- stenosis of the vena cava: preliminary enosis of the Vena cava: preliminary assessment of treatment with expandable metallic stents, Charnsangavej C; Carrasco CH; Wallace S; Wright KC; Ogawa K; Richli W; Gianturco C, (Radiology), 161: 295, 1986
- successful treatment of superior vena cava syndrome by venous angioplasty, Sherry CS; Diamond NG; Meyers TP; et al, (AJR), 147:

#### Venae cavae, thrombosis

- bronchogenic cavoatrial tumor thrombus: CT demonstration, Borts FT; Rohatgi PK; Sehgal E, (JCAT), 9: 1115, 1985
- Budd-Chiari syndrome: US evaluation, Menu Y; Alison D; Lorphelin J-M; Valla D; Belghiti J; Nahum H, (Radiology), **157:** 761,
- calcified thrombus of the inferior vena cava in transposition of the great vessels, Velasquez G; D'Souza VJ; Glass TA; et al, (Cardiovasc Intervent Radiol), 9: 19, 1986
- clinical implications of acute thrombosis of the inferior vena cava, Farber SP; O'Donnell TF; Deterling RA; et al, (Radiology), 153: 564,
- computed tomography of a thrombosed left inferior vena cava, Lepke RA; Pagani JJ, (Radiology), **150**: 296, 1984
- inferior vena caval pseudo thrombus sign: diagnosis by dynamic CT after arm vein injection, Mukai J; Chen P, (Radiology), 159:
- primary Budd-Chiari syndrome: ultrasonic demonstration, Makuuchi M; Hasegawa H; Yamazaki S; Moriyama N; Takayasu K; Okazaki M, (Radiology), **152**: 775, 1984
- ultrasonographic detection of infected thrombus in the inferior vena cava, Bank ER; Glazer GM, (J Ultrasound Med), 3: 567, 1984
- ultrasound case of the day: annual meeting 1985, Sandler MA; Beute GH; Madrazo BL; Hudak SF; Walter R; Haggar AH; Maywood CM, (Radiographics), 6: 512, 1986
- ultrasound imaging of inferior vena cava thrombosis, Goiney R, (J Ultrasound Med), 4: 387, 1985

### Venae cavae, US studies

- computed tomographic and ultrasound appearance of Kim-Ray Greenfield vena caval filters and potential for noninvasive localization, Dunne MG; Goldstein WZ, (Radiology), 152: 560, 1984
- inferior vena caval filters: noninvasive evaluation, Liu G-C; Angtuaco TL; Ferris EJ; Shah HR; Reifsteck JE; Harshfield DL, (Radiology), **160**: 521, 1986
- infrahepatic interruption of the inferior vena cava with portal continuation, Bercoff E; Colin R; Benozio M; Janvresse A; Berland J; Fillastre J-P, (Radiology), **154**: 771, 1985
- noninvasive diagnosis of interrupted inferior vena cava: gated pulsed Doppler application. Ritter SB: Bierman FZ, (Radiology), **151**: 559, 1984
- obstruction of the superior vena cava or subclavian veins: sonographic diagnosis, Gooding GAW; Hightower DR; Moore EH; Dillon WP; Lipton MJ, (Radiology), **159:** 663,
- prolapsing Chiari malformation in tricuspid regurgitation: moving filling defect in the interior vena cava, Lewandowski BJ; Challender J; Dery R, (J Ultrasound Med), 4:
- sonographic evaluation of inferior vena caval obstruction: correlative study with vena cavography, Park JH; Lee JB; Han MC; et al, (AJR), 145: 757, 1985
- two-dimensional and Doppler echocardiographic identification of intrahepatic interruption of inferior vena cava with azygos continuation, Suthar AL; Nanda NC; Harris PJ, (Radiology), **152**: 265, 1984
- ultrasonic assessment of abdominal venous return: II. volume blood flow in the inferior vena cava and portal vein, Smith H-J; Grottum P; Simonsen S, (Acta Radiol [Diagn]), 27: 23, 1986

ultrasound imaging of inferior vena cava thrombosis, Goiney R, (J Ultrasound Med), 4: 387, 1985

### Venography

- See also Angiography
- assessment of deep venous insufficiency by ascending phlebography, Lundstrom B; Osterman G, (Radiology), 152: 845, 1984
- clinical implications of acute thrombosis of the inferior vena cava, Farber SP; O'Donnell TF; Deterling RA; et al, (Radiology), 153: 564,
- collateral pathways of the left gastric vein in portal hypertension, Widrich WC; Srinivasan MK; Semine MC; et al, (AJR), **142**: 375, 1984
- contrast agent induced thrombophlebitis following leg phlebography: iopamidol versus meglumine iothalamate, Thomas ML; Keeling FP; Piaggio RB; et al, (Radiology), 153: 564, 1984
- correlation of varicocele scintigraphy with venography, Fajman WA; Berkman WA; Wheatley JK; McClees EC; Berger HJ, (Radiographics), 4: 465, 1984
- deep vein thrombosis: significant limitations of noninvasive tests. Ramchandani P; Soulen RL; Fedullo LM: Gaines VD, (Radiology), 156: 47, 1985
- descending phlebography in the assessment of long saphenous vein incompetence, Thomas ML; Bowles JN, (AJR), 145: 1255,
- digital subtraction venography in central venous obstruction, Benenati JF; Becker GJ; Mail JT; et al, (AJR), 147: 685, 1986
- graft patency evaluation with DSA after reconstructive venous surgery, Morano JU; Burkhalter JL, (Radiology), **160**: 267, 1986
- incompetent perforating veins: comparison of varicography and ascending phlebography, Thomas ML; Bowles JN, (Radiology), **154**: 619, 1985
- pulmonary angiography, ventilation lung scanning, and venography for clinically suspected pulmonary embolism with abnormal perfusion lung scan, Hull RD; Hirsh J; Carter CJ; et al, (Radiology), 151: 257 1984.
- recurrent varicose veins: a radiologica approach to investigation, Starnes HF; Vallance R; Hamilton DNH, (Radiology), 153: 564, 1984
- utility of foot venography as part of the routine lower-extremity venogram: prospective study, Glanz S; Gordon DH, (Cardiovasc Intervent Radiol), 9: 15, 1986

### Venography, complications

hypoadrenia following adrenal venography in Cushing's disease, Goth M; Szilagyi G; Irsy G; et al, (Radiology), 153: 271, 1984

### Venography, contrast media

- ascending lower-limb phlebography: comparative study of Hexabrix 320, iohexol 300 and iohexol 240, Hall-Craggs MA; Hine AL, (Br J Radiol), **59**: 685, 1986
- comparative study of two iodinated contrast media containing 20% iodine in lower-limb phlebography: ioxaglate versus a conventional product, Trigaux JP; de Fays R; de Fays F, (Radiology), **157**: 568, 1985
- Hexabrix as a contrast agent for ascending leg phlebography, Murphy WA; Destouet JM; Gilula LA; et al, (AJR), 144: 1279, 1985

### Venography, radionuclide

- clinical value of blood pool radionuclide venography, Zorba J; Schier D; Posmituck G, (AJR), **146**: 1051, 1986
- radionuclide venography: imaging monitor in deep-vein thrombosis of the pelvis and lower extremities, Sy WM; Seo IS, (Br J Radiol), 59: 325, 1986
- value of radionuclide venography in superior vena caval obstructon, Coltart RS: Wraight EP, (Radiology), 158: 287, 1986

### Venography, technology

- evaluation of superior vena cava syndrome by axial CT and CT phlebography, Moncada R; Cardella RG; Demos TC; et al, (AJR), **143**: 731, 1984
- ilio-femoral segment and inferior vena cava visualization using a non-catheter technique: an adjunct of leg phlebography, Dure-Smith P; Tison JB, (Radiology), 153: 251, 1984

### Ventricles

See Brain: Heart, ventricles

#### Ventricular septal defect

- wentricular septal defect, Soto B; Bargeron LM Jr; Diethelm E, (Semin Roentgenol), 20: 200, 1985
- ventricular septal defect due to biunt chest trauma, Olivier LR; Rossouw DS; De Villiers SJ; et al, (Radiology), **150**: 287, 1984

#### Vertebrae See Spine

### Vertebral arteries

- bifid origin of the left vertebral artery, Eisenberg RA, Vines FS, Taylor SB, (Radiology), 159: 429, 1986 CT demonstration of cervical vertebral erosion
- by tortuous vertebral artery, Dory MA, (AJNR), 6: 641, 1985
- (AJNK), 8: 641, 1985 delayed reversal of vertebral artery blood flow following percutaneous transluminal angioplasty for subclavian steal syndrome, Ringelstein EB; Zeumer H, (Radiology), 155: 278, 1985
- doubly curved guide wire for use in the subclavian/vertebral artery system, Horton JA, (Radiology), 157: 262, 1985
- vertebral artery embolization for control of massive hemorrhage, Bergsjordet B; Strother CM; Crummy AB; et al, (AJNR), 5: 201, 1984

#### Vertebral arteries, injuries

- injury of the carotid and vertebral arteries, Davis JM; Zimmerman RA, (Radiology), 151: 265, 1984
- stroke due to vertebral artery injury, Katirji MM; Reinmuth OM; Latchaw RE, (Radiology), 157: 283, 1985

# Vertebral arteries, occlusion

## See Vertebral arteries, stenosis

# Vertebral arteries, stenosis

- combined continuous wave Doppler and radionuclide delay methods versus angiography in detection of vertebral basilar arterial obstruction, De Bray J-M; Dauzat M; Pouplard F; et al, (J Ultrasound Med), 4: 55, 1985
- cho-Doppler (dupiex) system for the detection of vertebral artery occlusive disease: comparison with angiography, Visona A; Lusiani L; Castellani V; et al, (J Ultrasound Med), 5: 247, 1986
- external carotid-vertebral artery anastomosis for vertebrobasilar insufficiency, Gerke KF; Gebarski SS; Chandler WF; et al, (AJNR), 6:
- rotational vertebral artery occlusion at C1-C2, Yang PJ; Latack JT; Gabrielsen TO; et al, (AJNR), 6: 98, 1985
- temporal bone histopathology associated with occlusion of vertebrobasilar arteries, Kitamura K; Berreby M, (Radiology), 151:
- evertebral artery occlusion producing lateral medullary syndrome diagnosed by pulsed Doppler ultrasound, Harpold GJ; Wood CPL; Biller J; et al, (J Ultrasound Med), 4: 93, 1985

#### Vertebral arteries, therapeutic blockade embolization with temporary balloon

- occlusion of the internal carotid or vertebral arteries, Theron J; Cosgrove R; Melanson D; et al, (Neuroradiol), 28: 246,
- Vertebral arteries, transluminal angioplasty
- transcutaneous angioplasty of vertebral artery atheromatous ostial stricture, Courtheoux P; Tournade A; Theron J; et al, (Radiology), 159: 287, 1986

### Vertebral arteries, US studies

- ertebral arteries, US studies echo-Doppler (duplex) system for the detection of vertebral artery occlusive disease: comparison with angiography, Visona A; Lusiani L; Castellani V; et al, (J Ultrasound Med), 5: 247, 1986 ultrasound diagnosis applied to the vertebrobasilar system: II. transnuchal diagnosis of intracranial vertebrobasilar system: system: 12 applier a
- stenoses using a novel pulsed Doppler system, Ringelstein EB, (Radiology), 157: 862, 1985

# Videodensitometry

- cross-sectional area measurements by digital subtraction videodensitometry, Simons MA; Kruger RA; Power RLB, (Invest Radiol), 21: 637, 1986
- videodensitometric quantitation of stenosis: in vitro and in vivo validation, Seibert JA; Link DP; Hines HH; Baltaxe HA, (Radiology), 157: 807, 1985

Video systems

lag in radiographic imaging systems: simple methods for evaluation, Shearer DR; Moore MM, (Radiology), **159**: 259, 1986

quantitative autoradiography using a personal computer, Lewellen TK; Graham MM; Spence AM, (J Nucl Med), 27: 549, 1986 teleradiology, Gitlin JN, (Radiol Clin North Am), 24: 55, 1986

teleradiology: part of a comprehensive telehealth system, Carey LS, (Radiol Clin North Am), 23: 357, 1985

test pattern for video displays and hard-copy cameras, Gray JE; Lisk KG; Haddick DH; Harshbarger JH; Oosterhof A; Schwenker R, (Radiology), 154; 519, 1985 videoflusorascher

(Radiology), 134; 519, 1985 videofluorography and pulsed fluoroscopy using a 512 X 512-pixel digital image system, Hynes DM; Edmonds EW; Rowlands JA; Krametz KR; Pack WKW, (Radiology), 155; 519, 1985

congruous and incongruous sectoral visual field defects with lesions of the lateral geniculate nucleus, Shacklett DE; O'Connor PS; Dorwart RH; et al, (Radiology), 156: 277, 1985

display in July 27, 1965 algoritic resonance imaging in patients with diplopia: review, Ruff RL; Wiener SN; Leigh RJ, (Invest Radiol), 21: 311, 1986

Vitamins

bone scintigraphy in hypervitaminosis A, Miller JH; Hayon II, (AJR), 144: 767, 1985

Miller JH; Hayon II, (AJK), 144: 767, 1993 early skeletal hyperostoses secondary to 13-cis-retinoic acid, Pennes DR; Ellis CN; Madison KC; et al, (AJR), 142: 979, 1984 intracranial hemorrhage and vitamin K deficiency in early infancy, Chaou W-T; Chou M-L; Etzman DV, (Radiology), 156: 273, 1985

minimal spinal hyperostosis with low-dose isotretinoin therapy, Kilcoyne RF; Cope R; Cunningham W; et al, (Invest Radiol), 21: 41, 1986

nesolution of massive technetium-99m methylene diphosphonate uptake in the stomach in vitamin D intoxication, Corstens F; Kerremans A; Claessens R, (J Nucl Med), 27: 219, 1986

Vocal cords

short pulse χ radiography, Noscoe NJ; Fourcin AJ; Brown NJ; et al, (Radiology), 152: 260, 1984

Vocal cords, neoplasms

radiation therapy of early glottic carcinoma, Kondo M; Murakami Y; Saito S; et al, (Radiology), **150**: 870, 1984

role of radiation in the management of early vocal cord carcinoma, Mittal B; Rao DV; Marks JE; et al., (Radiology), 154: 572, 1985 Vocal cords, therapeutic radiology radiation therapy of early glottic carcinoma, Kondo M; Murakami Y; Saito S; et al,

(Radiology), 150: 870, 1984

role of radiation in the management of early vocal cord carcinoma, Mittal B; Rao DV; Marks JE; et al, (Radiology), **154**: 572, 1985

See Intestines, volvulus; Stomach, volvulus

Von Gierke syndrome

See Glycogen storage disease Vulva, neoplasms

complete regression of pulmonary metastases from malignant melanoma of the vulva following therapy with tamoxifen, Amin R, (Br J Radiol), 59: 171, 1986

treatment of recurrent squamous cell carcinoma of the vulva, Simonsen E, (Radiology), **156**: 572, 1985

W

Walker-Dandy syndrome See Brain, abnormalities Warfarin

See Anticoaguiants Wegener granulomatosis See Granuloma

Wilms tumor

See Kidney neoplasms

Wilson disease

magnetic resonance tomography and computed tomography of the brain for diagnosing Wilson's disease, Uhlenbrock D; Straube A; Beyer HK; et al., (Radiology), 159: 573, 1986

radiologic study of 42 cases of Wilson disease, Yu-zhang X; Xue-zhe Z; Xian-hao X; et al, (Radiology), **157**: 567, 1985

Wilson disease of the brain: MR imaging, Aisen AM; Martel W; Gabrielsen TO; Glazer GM; Brewer G; Young AB; Hill G, (Radiology), 157: 137, 1985

arthrosis of the lunate-capitate joint, Jonsson K; Sigfusson BF, (Radiology), 152: 842, 1984

bone cysts containing silicone particles in bones adjacent to a carpal silastic implant, Telaranta T; Solonen KA; Tallroth K; et al, (Radiology), **154**: 556, 1985

carpal boss: overview of radiographic evaluation, Conway WF; Destouet JM; Gilula LA; Bellinghausen HW; Weeks PM, (Radiology), 156: 29, 1985

case report 345, Owen RS; Fishman EK; Healy WL; et al, (Skeletal Radiol), 15: 69,

fractures of the hook of hamate: radiographic signs, Norman A; Nelson J; Green S, (Radiology), **154**: 49, 1985

high-field MR surface-coil imaging of the hand and wrist, part I. normal anatomy, Weiss KL; Beltran J; Shamam OM; Stilla RF; Levey M, (Radiology), 160: 143, 1986

high-field MR surface-coil imaging of the hand and wrist, part II. pathologic correlations and clinical relevance, Weiss KL; Beltran J; Lubbers LM, (Radiology), 160: 147, 1986

incomplete carpal coalition, Resnik CS; Grizzard JD; Simmons BP; et al, (AJR), 147:

painful os styloideum: bone scintigraphy in carpe bossu disease, Apple JS; Martinez S; Nunley JA, (AJR), 142: 181, 1984

polycarpaly and other abnormalities of the wrist in chondroectodermal dysplasia: the Ellis-van Creveld syndrome, Taylor GA; Jordan CE; Dorst SK; Dorst JP, (Radiology), 151: 393, 1984

small carpal bone surface area: characteristic of Turner's syndrome, Cleveland RH; Done S; Correia JA; et al, (Radiology), **156**: 566, 1985

symptomatic radiographic variants in extremities, Lawson JP, (Radiology), 157: 625, 1985

Wrist, arthritis

natural history of scaphoid nonunion, Ruby LK; Stinson J; Belsky MR, (Radiology), 156: 856, 1985

soft tissue changes of the wrist in rheumatoid arthritis: results of low kV radiography in three views, Fischer E, (Radiology), 159: 822,

Wrist, arthrography

digital arthrography of the wrist: a radiographic-pathologic investigation, Resnick D; Andre M; Kerr R; et al, (AJR), 142: 1187, 1984

digital subtraction arthrography, Newberg AH; Wetzner SM, (Radiology), 154: 238, 1985

digital wrist arthrography: precision in determining the site of radiocarpal-midcarpal communication, Manaster BJ, (AJR), 147: 563, 1986

fluoroscopic and arthrographic evaluation of carpal instability, Braunstein EM; Louis DS; Greene TL; et al, (AJR), 144: 1259, 1985

midcarpal wrist arthrography for detection of tears of the scapholunate and lunotriquetral ligaments, Tirman RM; Weber ER; Snyder LL; et al, (AJR), **144**: 107, 1985

tumor involvement of peripheral joints other than the knee: arthrographic evaluation, De Smet AA; Levine E; Neff JR, (Radiology), 156: 597, 1985

Wrist, CT

CT findings in distal radioulnar dislocation, Space TC; Louis DS; Francis I; et al, (JCAT), 10: 689, 1986

radiography and computerized tomography in the diagnosis of incongruity of the distal radio-ulnar joint, Mino DE; Palmer AK; Levinsohn EM, (Radiology), 156: 564, 1985

Wrist, fluoroscopy

capitate-lunate instability: recognition by manipulation under fluoroscopy, White SJ; Louis DS; Braunstein EM; et al, (AJR), 143: 361, 1984

Wrist, fractures

wrist: preliminary report on high-resolution MR imaging, Koenig H; Lucas D; Meissner R, (Radiology), **160**: 463, 1986

capitate-lunate instability: recognition by manipulation under fluoroscopy, White SJ; Louis DS; Braunstein EM; et al, (AJR), 143: 361, 1984

CT findings in distal radioulnar dislocation, Space TC; Louis DS; Francis I; et al, (JCAT), 10: 689, 1986

dorsal dislocation of the radiocarpal joint with associated dorsal perilunar dislocation, Klein A; Bohrer SP; Martin W III, (J Canad Assoc Radiol), 37: 201, 1986

fractures of the hook of hamate: radiographic signs, Norman A; Nelson J; Green S, (Radiology), **154**: 49, 1985

importance of soft-tissue evaluation in hand and wrist trauma: statistical evaluation, Curtis DJ; Downey EF Jr; Brower AC; et al, (AJR), 142: 781, 1984

midcarpal wrist arthrography for detection of tears of the scapholunate and lunotriquetral ligaments, Tirman RM; Weber ER; Snyder LL; et al, (AJR), 144: 107, 1985

natural history of scaphoid nonunion, Ruby LK; Stinson J; Belsky MR, (Radiology), 156: 856, 1985

occult carpal pathology: tomographic evaluation, Apple JS; Martinez S; Khoury MB; et al, (Skeletal Radiol), 15: 228,

offensive wrist, Jackson ML; Goldfarb CR; Ongseng F, (Clin Nucl Med), 11: 130, 1986

radiographic approach to the painful wrist, Rockwell WB; Destouet JM; Gilula LA; et al, (Radiology), **157**: 567, 1985

radiography and computerized tomography in the diagnosis of incongruity of the distal radio-ulnar joint, Mino DE; Palmer AK; Levinsohn EM, (Radiology), 156: 564, 1985

radiology of trauma to the wrist: dislocations, fracture dislocations and instability patterns, Yeager BA; Dalinka MK, (Radiology), 157: 567, 1985

Wrist, MR studies

carpal avascular necrosis: MR inaging, Reinus WR; Conway WF; Totty WG; Gilula LA; Murphy WA; Siegel BA; Weeks PM; Young VL; Manske PR, (Radiology), 160: 689, 1986

high-field MR surface-coil imaging of the hand and wrist. part I. normal anatomy, Weiss KL, Beltran J; Shamam OM; Stilla RF; Levey M, (Radiology), 160: 143, 1986

high-field MR surface-coil imaging of the hand and wrist. part II. pathologic correlations and clinical relevance, Weiss KL; Beltran J; Lubbers LM, (Radiology), 160: 147, 1986

rotator cuff tears: preliminary application of high-resolution MR imaging with counter rotating current loop-gap resonators, Kneeland JB; Carrera GF; Middleton WD; Campagna NF; Ryan LM; Jesmanowicz A; Froncisz W; Hyde JS, (Radbology), **160**: 695,

wrist: preliminary report on high-resolution MR imaging, Koenig H; Lucas D; Meissner R, (Radiology), **160**: 463, 1986

Wrist, necrosis

carpal avascular necrosis: MR imaging, Reinus WR; Conway WF; Totty WG; Gilula LA; Murphy WA; Siegel BA; Weeks PM; Young VL; Manske PR, (Radiology), 160: 689, 1986

Wrist, prostheses

total joint arthroplasty of hands and wrists, Beabout JW; Linscheid RL. (Semin Roentgenol), 21: 84, 1986

Wrist, radiography

radiographic approach to the painful wrist, Rockwell WB; Destouet JM; Gilula LA; et al, (Radiology), **157**: 567, 1985

(Radiology) of the carpal scaphoid: experimental investigation evaluating the use of oblique projections, Lindequist S; Larsen CF, (Acta Radiol [Diagn]), 27: 97, 1986

### Wrist, radionuclide studies

Wrist, radionuclide studies

offensive wrist, Jackson ML; Goldfarb CR; Ongseng F, (Clin Nucl Med), 11: 130, 1986 "tourniquet effect", Desai A; Intenzo C, (Radiology), 154: 862, 1985

Wrist, tomography
occult carpal pathology: tomographic
evaluation, Apple JS; Martinez S;
Khoury MB; et al, (Skeletal Radiol), 15: 228,

### X

Xanthoma

case report: juvenile xanthogranuloma of the iris managed with superficial radiotherapy, MacLeod PM, (Clin Radiol), 37: 295, 1986 MacLeou FM, (Lin Radiol), 97: 295, I'r radiographic and CT appearance of intraosseous xanthoma mimicking a malignant lesion, Fink IJ; Lee MA; Gregg RE, (Radiology), 157: 281, 1985 small bowel xanthomatosis: radiologicpathologic correlation, Pope TL Jr; Shaffer H, (AJR), 144: 1215, 1985

blood flow mapping in the human liver by the xenon/CT method, Gur D; Good WF; Herbert DL; et al, (JCAT), 9: 447, 1985 mapping cerebral blood flow by xenon-enhanced computed tomography: clinical experience, Yonas H; Good WF; Gur D; Wolfson SK Jr; Latchaw RE; Good BC;

Leanza R; Miller SL, (Radiology), 152: 435,

measurement of paranasal sinus ventilation by tomography, Kalender WA; Rettinger G; Suess C, (JCAT), 9: 524, 1985

suess C, (JCAT), 9: 524, 1965 xenon/CT blood flow mapping of the kidney and liver, Gur D; Yonas H; Wolfson SK Jr; et al, (JCAT), 8: 1124, 1984

Xenon radioactive

cerebral blood flow tomography with xenon-133, Lassen NA, (Semin Nucl Med), 15: 347,

1985
gated xenon scans for right ventricular function, Martin W; Tweddel AC;
McGhie I; et al, (J Nucl Med), 27: 609, 1986
regional cerebral blood flow assessed by <sup>133</sup>Xe inhalation and emission tomography:
normal values, Shirahata N; Henriksen L;
Vorstrup S; et al, (JCAT), 9: 861, 1985

Xeromammography See Breast radiography

See Breast radiography

Xeroradiography
echogenic focus in prostatic sonograms, with
xeroradiographic and histopathologic
correlation, Dahnert WF; Hamper UM;
Waish PC; Eggleston JC; Sanders RC,
(Radiology), 159: 95, 1986
mammographic microcalcifications: detection
with xerography, screen-film, and digitized
film display, Smathers RL; Bush E; Drace J;
Stevens M; Sommer FG; Brown BW Jr;
Karras B, (Radiology), 159: 673, 1986
xeroradiography in 3-thalassemia,
Scutellari PN; Orzincolo C; Tamarozzi R,
(Radiology), 157: 566, 1985

xeroradiography in the diagnosis of the Haglund syndrome, Burhenne LJW; Connell DG, (J Canad Assoc Radiol), 37: 157, 1986

X rays See Diagnostic radiology; Dosimetry; Radiations; Radiography; Therapeutic

Y

Yttrium, radioactive

"oytrium antiferritin—new therapeutic radiolabeled antibody, Order SE; Klein JL; Leichner PK; et al, (Int J Radiat Oncol Biol Phys), 12: 277, 1986

Z

Zeugmatography See Magnetic resonance (MR)

Zollinger-Ellison syndrome See Pancreas, neoplasms

# Comprehensive list of terms used in this index . . .

Adrenal gland, neoplasms Adrenal gland, radiography Adrenal gland, radionuclide studies Adrenal gland, US studies

Adrenocortical hormones and preparations Adrenoleukodystrophy Use Adrenal gland, insufficiency

### A

Abdomen Abdomen, abnormalities Abdomen, abscess Abdomen, acute conditions Abdomen, anatomy Abdomen, angiography Use Abdominal angiography Abdomen, biopsy Abdomen, calcification Abdomen, CT Abdomen, cysts Abdomen, diseases Abdomen, gas
Abdomen, hematoma
Use Abdomen, hemorrhage Abdomen, hemorrhage Abdomen, infection Abdomen, injuries Abdomen, MR studies Abdomen, neoplasms Abdomen, radiography Abdomen, radionuclide studies Abdomen, surgery Abdomen, therapeutic radiology Abdomen, US studies Abdominal angiography Abortion Use also names of individual organs and regions, such as Liver, abscess
Abscess, MR studies Abscess, percutaneous drainage Abscess, radionuclide studies Abscess, US studies Abused children Use Children, injuries; Infants, injuries Acetabulum Use also Hip Acetabulum, fractures Acetylcysteine Acid, iopanoic Acquired immunodeficiency syndrome (AIDS) Acromegaly Acro-osteolysis Use Osteolysis Actinomycosis Addison disease Use Adrenal gland, insufficiency Adenocarcinoma Adenoids Adenoma Use as neoplasms under the name of a specific organ

Adenoma
Use as neoplasms under the name of a speorgan
Adrenal gland
Adrenal gland, abnormalities
Adrenal gland, abscess
Adrenal gland, anatomy
Adrenal gland, biopsy
Adrenal gland, CT
Adrenal gland, diseases
Adrenal gland, diseases
Adrenal gland, diseases

Adrenal gland, insufficiency Adrenal gland, MR studies Aging Albumin Alcohol Allergy Use Anaphylaxis and allergy Aluminum Alzheimer disease Use Dementia Amebiasis American Board of Radiology Use Memory Amniocentesis Amniography Amniotic fluid **Amyloidosis** Analgesics Use Anesthesia Anaphylaxis and allergy Anatomy Anemia Anemia, aplastic Anesthesia Aneurysm Aneurysm, abdominal Aneurysm, aortic Aneurysm, cardiac Aneurysm, carotid Aneurysm, cerebellar Aneurysm, cerebral Aneurysm, ductus arteriosus Aneurysm, femoral Aneurysm, gastroduodenal Aneurysm, hepatic Aneurysm, iliac Aneurysm, intracranial Aneurysm, mesenteric Aneurysm, MR studies Aneurysm, mycotic Aneurysm, pancreaticoduodenal Aneurysm, portal vein Aneurysm, pulmonary Aneurysm, renal Aneurysm, rupture Aneurysm, sciatic Aneurysm, splenic Aneurysm, subclavian Aneurysm, vein of Galen Angina Angiocardiography Angiocardiography
Use also Angiography; Coronary angiography
Angiocardiography, contrast media
Angiocardiography, radionuclide
Angiofibroma
Angiography
Angiography
Angiography Angiography, contrast media
Angiography, in infants and children
Angiography, intraoperative
Angiography, intravenous
Angiography, postoperative
Angiography, preoperative
Angiography, radionuclide
Angiography, tacklet Angiography, technology Angioma Angioma, cardiovascular system Angioma, central nervous system Angioma, gastrointestinal tract Angioma, genitourinary system Angioma, muscular Angioma, respiratory system Angioma, skeletal system Angiomyolipoma Use Lipoma and lipomatosis Angioplasty
Use Arteries, transluminal angioplasty; Veins, transluminal angioplasty Angiosarcoma Use Sarcoma Angioscopy Aniridia Use Eye, abnormalities Anisakiasis Use Parasites Ankle Ankle, abnormalities Ankle, anatomy Ankle, arthrography Ankle, CT Ankle, fractures Ankle, injuries Ankle, prostheses Ankle, radiography Ankylosing spondylitis Use Spondylitis Anorexia nervosa Anoxia Use Hypoxia
Antibiotics Anticoagulants Antigens and antibodies Use Immunity Antitrust law Anus, abnormalities Anus, imperforate Anus, MR studies Anus, neoplasms Anus, therapeutic radiology Aorta Use also Aortic valve; Aortography Aorta, abnormalities Aorta, abscess Aorta, aneurysm Use Aneurysm, aortic Aorta, angiography Use Aortography Aorta, calcification Aorta, coarctation Use Aorta, stenosis Aorta, CT

Aorta, diseas

Aorta, dissection Aorta, flow dynamics Aorta, grafts and prostheses Aorta, inflammation Use Aortitis Aorta, injuries Aorta, MR studies Aorta, occlusion Use Aorta, stenosis Aorta, prostheses Use Aorta, grafts and prostheses
Aorta, radionuclide studies Aorta, regurgitation Aorta, rupture Aorta, stenosis Aorta, thrombosis Aorta, transluminal angioplasty Aorta, US studies Aortic valve, calcification Aortic valve, diseases Aortic valve, grafts and prostheses Aortic valve, prostheses
Use Aortic valve, grafts and prostheses Aortic valve, regurgitation Aortic valve, US studies Aortitis Aortography Aortography, contrast media Aortography, technology Aphasia Appendicitis Appendix Appendix, abscess Appendix, CT Appendix, diverticula Appendix, inflammation
Use Appendicitis
Appendix, intussusception Appendix, neoplasms Appendix, US studies Arachnoid Use also Meninges Arachnoid, CT Arachnoid, cysts Arachnoid, hemorrhage Arachnoid, inflammation Use Arachnoiditis Arachnoiditis Armed Forces Institute of Pathology Arteries Use also Aneurysm; Angiography; Arteriovenous malformations; Cerebral blood vessels; Coronary vessels; Embolism; Thrombosis; under names of specific blood vessels, such as Aorta Arteries, abnormalities Arteries, aspiration thromboembolectomy Arteries, basilar Arteries, brachiocephalic Use Arteries, innominate Arteries, bronchial Arteries, calcification Arteries, carotid Use Carotid arteries Arteries, celiac Arteries, cerebellar Arteries, CT Arteries, cystic Arteries, epigastric Arteries, extremities Arteries, femoral Use also Arteries, extremities Arteries, flow dynamics Use Blood, flow dynamics Arteries, gastroduodenal Arteries, grafts and prostheses Arteries, hepatic Use Hepatic arteries Arteries, hypogastric Arteries, ileocolic Arteries, iliac Use also Arteries, extremities Arteries, inflammation **Use Arteritis** Arteries, injuries Arteries, innominate Arteries, mammary Arteries, mesenteric Arteries, MR studies Arteries, peripheral Arteries, popliteal Use also Arteries, extremities Arteries, prostheses
Use Arteries, grafts and prostheses Arteries, prudendal Arteries, pulmonary Use Pulmonary arteries

Arteries, radionuclide studies Arteries, renal Use Renal arteries Arteries, sacral Arteries, sciatio Arteries, spinal Arteries, splenic Arteries, stenosis Arteries, subclavian Arteries, surgery Arteries, testicular Arteries, therapeutic blockade Arteries, tibial Use also Arteries, extremities Arteries, transluminal angioplasty Arteries, translumin Arteries, trigeminal Arteries, umbilical Arteries, US studies Arteries, vertebral Use Vertebral arteries Arteries, vertebrobasilar Arteriography Use Angiography Arteriosclerosis Arteriovenous malformations Arteriovenous malformations, cerebral Arteriovenous malformations, cranial Arteriovenous malformations, extremities Arteriovenous malformations, hepatic Arteriovenous malformations, intestinal Arteriovenous malformations, intestinal Arteriovenous malformations, pelvic Arteriovenous malformations, pulmonary Arteriovenous malformations, spinal Arteritis Arthritis, degenerative Arthritis, in infants and children Arthritis, in Inians and Children
Arthritis, psoriatic
Arthritis, rheumatoid
Arthritis, septic
Arthrography
Use also names of specific joints, such as
Ankle; Hip; Knee; Wrist; etc. Arthrography, contrast media Arthrography, technology Arthroscopy Arthrosonography Use Joints, US studies Asbestosis Ascariasis Ascites Aspergillosis Asphyxia Aspirin Asplenia Use Spleen, abnormalities Asthma Astrocytoma Ataxia Atelectasis Use Lung, collapse Atherosclerosis Use Arteriosclerosis Athletics Atlas and axis Atlas and axis, abnormalities Atlas and axis, anatomy Atlas and axis, dislocation Atlas and axis, fractures Atrial septal defect Azotemia Use Uremia

# В

Bacillus Calmette-Guerin (BCG)
Bacteria
Baker cyst
Use Knee, cysts
Balloons
Use Catheters and catheterization
Barium
Barium enema examination
Barium enema examination, complications
Barium enema examination, technology
Basal cell nevus syndrome
Use Jaws, neoplasms
Basal ganglia
Basal ganglia, calcification

Basilar impressions Use Skull, abnormalities Battered children Use Children, injuries; Infants, injuries Behcet disease Bile Bile duct radiography Bile duct radiography, contrast media Bile duct radiography, intraoperative Bile duct radiography, technology Bile ducts Use also Gallbladder Bile ducts, abnormalities Bile ducts, anatomy Bile ducts, biopsy Bile ducts, calculi Bile ducts, CT Bile ducts, cysts Bile ducts, dilatation Bile ducts, diseases Bile ducts, endoscopic drainage Bile ducts, gas Bile ducts, hemorrhage Bile ducts, inflammation Use Cholangitis Bile ducts, injuries Bile ducts, leakage Bile ducts, MR studies Bile ducts, neoplasms Bile ducts, obstruction Use Bile ducts stenosis Bile ducts, percutaneous drainage Bile ducts, prostheses Bile ducts, radionuclide studies Bile ducts, size Bile ducts, stenosis Bile ducts, stone extraction Bile ducts, surgery Bile ducts, US studies **Biliary ducts** Use Bile ducts Biliary tract Use Bile ducts **Biopsies**Use also names of specific organs, such as Liver, biopsy
Biopsies, complications
Biopsies, technology
Bladder Bladder, abnormalities Bladder, calculi Bladder, CT Bladder, diverticula Bladder, inflammation Use Cystitis Bladder, injuries Bladder, MR studies Bladder, obstruction Use Bladder, stenosis Bladder, radiography Bladder, radionuclide studies Bladder, rupture Bladder, stenosis Bladder, surgery Bladder, US studies Bladder neoplasms Bladder neoplasms, CT Bladder neoplasms, C.1 Bladder neoplasms, MR studies Bladder neoplasms, staging Bladder neoplasms, therapeutic radiology Bladder neoplasms, US studies Blastoma Blastomycosis Bleomycin Use also Anemia; Leukemia Blood, calcium Blood, coagulation Blood, diseases Blood, fibrinogen Blood, flow dynamics Blood, MR studies Blood, platelets Blood, proteins Blood, radionuclide studies Blood, sodium Blood, US studies Blood, volume Blood-brain barrier **Blood vessels** 

Blood vessels, flow dynamics Use Blood, flow dynamics

Blood vessels, foreign bodies Blood vessels, grafts

Blood vessels, inflammation Use Vasculitis
Blood vessels, MR studies
Blood vessels, MR studies
Blood vessels, stenosis
Blood vessels, US studies Bone marrow Bone marrow, biopsy Bone marrow, MR studies Bone marrow, radionuclide studies Bone marrow, transplantation Bone neoplasms, angiography Bone neoplasms, CT Bone neoplasms, CT Bone neoplasms, metastases Bone neoplasms, MR studies Bone neoplasms, radiation-induced Bone neoplasms, radionuclide studies Bone neoplasms, secondary Bone neoplasms, staging Bone neoplasms, therapeutic radiology Bone neoplasms, therapy Bone neoplasms, US studies Use also names of individual bones Bones, abnormalities Bones, biopsy Bones, blood supply Bones, chromos Bones, CT Bones, cysts Bones, density Bones, diseases Bones, dysostoses Bones, dysplasia Bones, echinococcosis Bones, effects of drugs on Bones, effects of irradiation on Bones, epiphyses Bones, fibroma Bones, fibrous dysplasia Bones, fractures Use Fractures Bones, grafts Bones, graves
Bones, growth and development
Bones, hypertrophy
Bones, infarction Bones, infection Bones, injuries Bones, measurement Bones, metaphyses Bones, mineralization Bones, MR studies Bones, necrosis Bones, osteochondrodysplasias Bones, osteoporosis Use Osteoporosis Bones, primary disturbances of growth Bones, primary metabolic abnormalities Bones, radiography Bones, radionuclide studies Bones, sclerosis Bones, surgery Bones, US studies Book reviews Bowel Use Intestines Brachial plexus Brachial plexus, CT Brain Use also Brain neoplasms; Head; Hydrocephalus; Meninges Brain, abnormalities Brain, abscess Brain, air embolism Brain, anatomy Brain, aneurysm Use Aneurysm, cerebral Brain, atrophy Brain, biopsy
Brain, calcification
Brain, CT Brain, cysts Brain, death Brain, dilatation Brain, diseases Brain, edema Brain, effects of irradiation on Brain, gas embolism Brain, growth and development Brain, hematoma Use Brain, hemorrhage Brain, hemorrhage

Brain, hernia

Brain, infection Brain, inflammation Use Encephalitis Brain, injuries Brain, ischemia Brain, MR studies Brain, mycoses Brain, necrosis Brain, parasites Brain, radiography
Brain, radionuclide studies Brain, size Use Brain, volume Brain, stenosis Brain, surgery Brain, US studies Brain, volume Brain neoplasms Use also Meninges, neoplasms Brain neoplasms, angiography Brain neoplasms, CT Brain neoplasms, diagnosis Brain neoplasms, in infants and children Brain neoplasms, MR studies Brain neoplasms, radionuclide studies Brain neoplasms, secondary Brain neoplasms, therapeutic radiology Brain neoplasms, therapy Brain neoplasms, US studies Brain stem Brain stem, MR studies Brain stem, neoplasms Branchial cleft, cysts Breast, angiography Breast, biopsy Breast, calcification Breast, cysts Breast, diseas Breast, male Breast, MR studies Breast, parenchymal pattern Breast, prostheses Breast, radionuclide studies Breast, surgery Breast, thermography Use Thermography Breast, transillumination Breast, US studies Breast, xeroradiography Breast neoplasms Breast neoplasms, CT Breast neoplasms, diagnosis Breast neoplasms, male Breast neoplasms, metastases Breast neoplasms, MR studies Breast neoplasms, radionuclide studies Breast neoplasms, radionuclide studies Breast neoplasms, secondary Breast neoplasms, therapeutic radiology Breast neoplasms, US studies Breast radiography Breast radiography, quality assurance Breast radiography, radiation dose Breast radiography, technology Bromocriptine Bromocriptine Bronchi Use also Lung Bronchi, abnormalities Bronchi, angiography Bronchi, CT Bronchi, cysts Bronchi, diseases Bronchi, inflammation Use Bronchitis Bronchi, neoplasms Bronchi, obstruction Use Bronchi, stenosis Bronchi, radiography Use Bronchography Bronchi, stenosis Bronchi, therapeutic radiology Bronchiectasis Bronchiolitis **Bronchitis** Bronchography Broncholithiasis Bronchoscopy Brown syndrome Use Eye, abnormalities Bucrylate Budd-Chiari syndrome Use Hepatic veins, thrombosis **Burkitt tumor** Use Lymphoma

Bursa Bursitis

C Calcaneus Calcaneus, fractures Calcification
Use names of organs and regions, such as Brain, calcification Calcinosis Use Calcium Calcium Californium, radioactive Calve-Legg-Perthes disease
Use Osteochondritis, deformans juvenilis Cameras Cancer Use Cancer screening; Neoplasms; Radiations, injurious effects; Radiobiology; names of organs and regions; names of individual neoplasms Cancer screening Carbon dioxide Carbonic anhydrase Carbon monoxide Carcinoid Cardia Use Stomach Caroli disease
Use Bile ducts, diseases Carotid arteries Use also Cerebral angiography; Cerebral blood Carotid arteries, abnormalities Carotid arteries, aneurysm Use Aneurysm, carotid Carotid arteries, angiography Carotid arteries, catheterization Carotid arteries, CT Carotid arteries, dilatation Carotid arteries, diseases Carotid arteries, dissection Carotid arteries, fibroplasia Carotid arteries, flow dynamics Carotid arteries, injuries Carotid arteries, occlusion
Use Carotid arteries, stenosis Carotid arteries, radionuclide studies Carotid arteries, stenosis Carotid arteries, surgery Carotid arteries, therapeutic blockade Carotid arteries, thrombosis Carotid arteries, transluminal angioplasty Carotid arteries, US studies Carotid body, neoplasms Carpus Use Wrist Cartilage Castleman tumor Use Hamartoma Cataracts Catheters and catheterization
Catheters and catheterization, complications
Catheters and catheterization, in infants and children Catheters and catheterization, technology Cat-scratch fever Cauda equina Use Spinal cord Caustic agents, ingestion Cavernous sinus Cavernous sinus, thrombosis Celiac disease Cerebellopontine angle Cerebellopontine angle, neoplasms Cerebellum Use Brain Cerebral angiography
Use also Brain; Brain neoplasms; Cerebral

blood vessels

Cerebral angiography, complications

Cerebral angiography, contrast media Cerebral angiography, radionuclide

Cerebral blood vessels, abnormalities Cerebral blood vessels, anatomy Cerebral blood vessels, angiography

Cerebral angiography, technology Cerebral blood vessels

Use Cerebral angiography

Cerebral blood vessels, CT Cerebral blood vessels, dilatation Cerebral blood vessels, diseases Cerebral blood vessels, flow dynamics Cerebral blood vessels, inflammation Cerebral blood vessels, MR studies Cerebral blood vessels, occlusion Use Cerebral blood vessels, stenosis Cerebral blood vessels, radionuclide studies Cerebral blood vessels, rupture Cerebral blood vessels, stenosis Cerebral blood vessels, therapeutic blockade Cerebral blood vessels, thrombosis Cerebral blood vessels, US studies Cerebral infarction Use Brain, infarction Cerebral palsy Cerebrospinal fluid Cerebrospinal fluid, CT Cerebrospinal fluid, flow dynamics Cerebrospinal fluid, leakage Cerebrospinal fluid, MR studies Cerebrospinal fluid, radionuclide studies Cerebrospinal fluid, US studies Ceruletide Cervix Use Uterine neoplasms; Uterus Chemotherapy Chemotherapy, complications Cherubism Use Bones, fibrous dysplasia Chest Use Thorax Chiari-Budd syndrome Use Hepatic veins, thrombosis Children Use also Infants; Infants, newborn; names of procedures Children, central nervous system Children, ear Children, endocrine glands Children, eye Children, gastrointestinal tract Children, genitourinary system Children, injuries Children, lymphatic system Children, neoplasms
Use Neoplasms, in infants and children Use Neoplasms, in infants and children Children, radiography Use Radiography, in infants and children Children, respiratory system Children, skeletal system Chlamydia pneumonia Chloroma Cholangiography
Use Bile duct radiography Cholangitis Cholecystitis Cholecystography Use Gallbladder, radiography Cholecystokinin Use Hormones Cholecystosonography Use Gallbladder, US studies Cholecystostomy
Use Gallbladder, percutaneous drainage Choledochoplasty Use Bile ducts, surgery Cholelithiasis Use Gallbladder, calculi Cholescintigraphy
Use Gallbladder, radionuclide studies Cholesteatoma Cholesterol Chondroblastoma Use Chondroma Chondrocalcinosis Chondroma Chondropathy Chondrosarcoma Use Sarcoma Chordae tendineae Chordoma Chorioangioma Use Placenta, neoplasms Choriocarcinoma Choroid Use Eye Choroid plexus Choroid plexus, neoplasms Choroid plexus, US studies hromosomes
Use also Bones, chromosomal aberrations

omes, abnormalities Chylothorax Cimetidine Cirrhosis Use Liver, cirrhosis Cisterna magna
Cisternography
Cisternography, CT
Cisternography, radionuclide
Cisternography, technology Clavicle Cobalt, radioactive Coccidioidomycosis Cockayne syndrome Use Bones, osteochondrodysplasias Colitis Colitis, granulomatous Colitis, ischemic Colitis, pseudomembranous Colitis, ulcerative Collagen Colon Use also Gastrointestinal tract; Intestines Colon, abnormalities Colon, aganglionosis Colon, anatomy Colon, biopsy Colon, CT Colon, dilatation Colon, diseases Colon, diverticula Colon, gas Colon, hemorrhage Colon, infection Colon, inflammation Use Colitis Colon, ischemia Colon, mucosa Colon, neoplasms Colon, obstruction Use Colon, stenosis Colon, perforation Colon, polyps Use Colon, neoplasms Colon, radiography Colon, radionuclide studies Colon, stenosis Colon, stricture Use Colon, stenosis Colon, surgery Colon, therapeutic radiology Colon, ulcers Colon, US studies Colon, varices Colonoscopy Compensators Computed tomographic (CT) guidance Computed tomography (CT) Computed tomography (CT), artifact Computed tomography (CT), attenuation coefficients Computed tomography (CT), beam hardening Computed tomography (CT), biological fluid studies Computed tomography (CT), clinical effectivenes Computed tomography (CT), comparative studies Computed tomography (CT), complications Computed tomography (CT), computer programs computed tomography (CT), contrast media Computed tomography (CT), cost effectivenes Computed tomography (CT), data processing Computed tomography (CT), dual-energy Computed tomography (CT), efficacy studies Use Efficacy study, CT

Computed tomography (CT), emission Use Emission CT

recording

children

Computed tomography (CT), experimental Computed tomography (CT), image display and

Computed tomography (CT), image processing Computed tomography (CT), image quality Computed tomography (CT), in infants and

Computed tomography (CT), interventional Computed tomography (CT), pediatric Use Computed tomography (CT), in infants and children

Computed tomography (CT), physics Computed tomography (CT), preoperative Computed tomography (CT), radiation Computed tomography (CT), technology Computed tomography (CT), therapeutic radiology Computed tomography (CT), tissue characterizatio Computed tomography (CT), treatment planning Computed tomography (CT), utilization Computers Use also Computed tomography (CT) Condylomas acuminata Conjoined twins Use Twins Connective tissue, diseases Connective tissue, inflammation Use Cellulitis Conn syndrome
Use Adrenal gland, neoplasms
Contraceptives and contraceptive devices Contrast media Contrast media, comparative studies Contrast media, complications Contrast media, effects Contrast media, toxicity Copper onary angiography Use also Angiocardiography
Coronary angiography, complications
Coronary angiography, contrast media
Coronary angiography, radionuclide Coronary angiography, technology Coronary sinus Use Sinuses, coronary Coronary vessels Coronary vessels, abnormalities Coronary vessels, anatomy Coronary vessels, calcification Coronary vessels, diseases Coronary vessels, dissection Coronary vessels, flow dynamics Coronary vessels, MR studies Coronary vessels, obstruction Use Coronary vessels, stenosis Coronary vessels, spasm Coronary vessels, stenosis Coronary vessels, stenosis
Coronary vessels, surgery
Coronary vessels, transluminal angioplasty
Coronary vessels, varices
Cor pulmonale Corpus callosum Corpus callosum, abnormalities Corpus callosum, agenesis Corpus cavernosum Cost effectiveness Cowper gland Craniopharyngioma Cranium Use Skull Crohn disease Use Intestines, diseases Cronkhite-Canada syndrome Croup Cryosurgery Cryptococcosis Cryptophthalmos syndrome Cushing syndrome Cyst Cyst, percutaneous drainage Cysticercosis
Use also Parasites Cystic fibrosis Use Fibrosis, cystic Cystitis Cystourethrography Use Bladder, radiography D

Dacryocystography
Use Lacrimal gland and duct, radiography
Dandy-Walker syndrome
Use Brain, abnormalities
Deafness
Decision theory
Defecography
Deglutition disorders
Dementia
Demyelinating disease
Use Nervous system, diseases
DeQuervain disease
Use Tendons
Dermatitis

Dermatomyositis Dermoid Desmoid Diabetes insipidus Diabetes mellitus Diabetes mellitus, complications Diagnostic radiology Use also Radiography; Radiology and radiologists
Diagnostic radiology, observer performance Diagnostic radiology, observer perform Diagnostic radiology, protective and therapeutic agents and devices Diagnostic radiology, quality assurance Diagnostic radiology, radiation dose Diagnostic radiology, radiation hazard Dialysis, shunts
Diaphanography
Use Breast, transillumination Diaphragm Diaphragm, abnormalities Diaphragm, CT Diaphragm, injuries Diaphragm, neoplasm Diaphragm, rupture Diaphragm, US studies Diarrhea Diastematomyelia Diethylstilbestrol (DES) Digital radiography Use Radiography, digital Digital subtraction angiography Digital subtraction angiography, comparative Digital subtraction angiography, in infants and children Digital subtraction angiography, technology Dosimetry Dosimetry, radionuclide Down syndrome Doxorubicin Drash syndrome Drowning Drugs Drugs, abuse Drugs, effects Drugs, toxicity Dual-energy scanning and subtraction Use Subtraction dual-energy Ductus arteriosus Duodenal ulcer Use Peptic ulcer Duodenitis Duodenum Use also Gastrointestinal tract; Intestines Duodenum, abnormalities Duodenum, CT Duodenum, cysts Duodenum, diseases Duodenum, diverticula Duodenum, hemorrhage Duodenum, MR studies Duodenum, mucosa Duodenum, neoplasms Duodenum, perforation Duodenum, radiography Duodenum, radionuclide studies Duodenum, stenosis Duodenum, US studies **Dural sinus** Use Sinuses, dural Dwarfism Use Bones, osteochondrodysplasias Dysphagia
Use Deglutition disorders
Dysproteinemia

E

Ear Ear, abnormalities
Ear, anatomy
Ear, CT
Ear, diseases
Ear, inflammation and infection
Ear, injuries
Ear, Me studies
Ear, neoplasms
Ear, prostheses
Ear, radionuclide studies
Ear, surgery
Ear, tonography

Ear, US studies Ebstein anomaly Use Tricuspid valve Echinococcosis Use also Parasites Echocardiography
Use Heart, US studies Economics, medical Editorials Use also Opinions Education Efficacy study Efficacy study, CT Ehlers-Danlos syndrome Elbow Elbow, anatomy Elbow, arthrography Elbow, CT Elbow, dislocation Elbow, injuries Elbow, prostheses Elbow, radiography Elbow, radionuclide studies Electrocardiography (ECG) Electrocoagulation Electrolysis Ellison-Zollinger syndrome Use Pancreas, neoplasms Embolism Use also Thrombosis Embolism, fat Embolism, foreign body Embolism, gas Embolism, hepatic Embolism, oil Embolism, pulmonary Embolism, renal Embolism, splenic Embolism, therapeutic Use Arteries, therapeutic blockade; Veins, therapeutic blockade Emission CT **Emphysema** Emphysema, interstitial Emphysema, mediastinal Emphysema, pulmonary Emphysema, subcutaneous Empyema Encephalitis Encephalocele Use Brain, hernia Encephalography
Use Brain, radiography Encephalomalacia Encephalopathy Use Brain, diseases Enchondroma Endocarditis Endocardium, inflammation Use Endocarditis Endocrine glands, abnormalities Endocrine glands, dysfunction Endocrine glands, neoplasms Endometriosis Endometrium Use Uterus Endoscopic retrograde cholangiopancreatography (ERCP) Endoscopy Endoscopy, comparative studies Enemas Enteritis Enteroclysis Enterocolitis **Use Colitis** Enzymes Eosinophilia Ependymoma Epidermoid **Epididymis** Epididymis, US studies Epididymitis **Epiglottis** Epiglottis, cysts Epilepsy Epinephrine

**Epiphyses** 

**Epistaxis** 

Epithelioma Erdheim-Chester disease

Use Bones, epiphyses

Use Nose, hemorrhage

Use Lipogranulomatosis

Erythrocytes Use Red blood cells

Ergot and ergot preparations

Esophagitis Esophagus Esophagus, abnormalities Esophagus, achalasia Esophagus, anatomy Esophagus, atresia Use Esophagus, abnormalities Esophagus, CT Esophagus, cysts Esophagus, diseases Esophagus, diverticula Esophagus, effects of irradiation on
Esophagus, foreign bodies
Use Foreign bodies, in air and food passages Esophagus, function Esophagus, grafts Esophagus, hemorrhage Esophagus, inflammation Use Esophagitis Esophagus, injuries Esophagus, motility Esophagus, MR studies Esophagus, mucosa Esophagus, neoplasms Esophagus, obstruction
Use Esophagus, stenosis
Esophagus, perforation Esophagus, postoperative Esophagus, radiography Esophagus, radionuclide studies Esophagus, reflux Esophagus, rupture Esophagus, stenosis Esophagus, surgery Esophagus, therapeutic radiology Esophagus, therapy Esophagus, ulcers Esophagus, varices Esthesioneuroblastoma Use Blastoma Estrogen Use Hormones Ethanol Use Alcohol Ethiodol Ethmoid bone **Ewing sarcoma** Excretory urography Use Urography Exophthalmos Explosives Extracorporeal oxygenation Use Infants, newborn, respiratory system; Infants, newborn, cardiovascular system Extremities Use also Fingers and toes; names of bones and joints, such as Femur: Knee: etc. Extremities, abnormalities Extremities, amputation Extremities, angiography Extremities, blood supply Extremities, CT Extremities, fractures Extremities, injuries Extremities, measurement Extremities, MR studies Extremities, neoplasms
Extremities, radiography
Extremities, radionuclide studies Extremities, surgery Extremities, therapeutic radiology Extremities, thrombosis Extremities, US studies Eye, abnormalities Eye, CT Eye, diseases Eye, effects of irradiation on Eye, hemorrhage Eve. injuries Eye, MR studies Eye, neoplasms Eye, radiography Eye, radionuclide studies Eye, therapeutic radiology Eye, US studies

F

ace
Use also Eye; Jaws; Nose; etc.

Face, abnormalities Face, CT Face, fractures Face, infection Face, injuries Face, MR studies Face, neoplasms Face, paralysis Face, spasm Fallopian tubes Fallopian tubes, abscess Fallopian tubes, CT Fallopian tubes, diseases Fallopian tubes, US studies Familial conditions Fascia, renal Fasciitis Fat Fat, CT Fat, MR studies Fat, necrosis Fat, US studies Femur Femur, abnormalities Femur, CT Femur, diseases Femur, fractures Femur, injuries Femur, MR studies Femur, necrosis Femur, neoplasms Femur, radiography
Femur, radionuclide studies Femur, torsion Femur, US studies Fertility Use Sterility Fetus Use also Pregnancy Fetus, abnormalities Fetus, blood supply Fetus, cardiovascular system Fetus, central nervous system Fetus, CT Fetus, death Fetus, effects of irradiation on Fetus, endocrine glands Fetus, gastrointestinal tract Fetus, genitourinary system Fetus, growth and development Fetus, MR studies Fetus, neoplasms
Fetus, radiography
Fetus, respiratory system
Fetus, skeletal system Fetus, US studies Use also Pregnancy, US studies Fibrinogen Use Blood, fibrinogen **Fibrinolysis** Fibrolipoma Use Lipoma and lipomatosis Fibroma

Use also names of organs and regions, such as Bones, fibroma Fibromyxoma Use Myxoma Fibrosarcoma Use Sarcoma

Fibula Fibula, abnormalities Films and screens Use Screens and films Filters Filters, digital Fingers and toes Use also Foot; Hand Fingers and toes, abnormalities Fingers and toes, injuries Fingers and toes, ischemia Fingers and toes, neoplasm Fingers and toes, replantation Fistula, aortocaval Fistula, aortoenteric Fistula, aortoesophageal Fistula, arteriocolic Fistula, arterioportal Fistula, arteriovenous Use also Arteriovenous malformations

Fibrosis, cystic

Fistula, arteriovesicular Fistula, biliobronchial Fistula, bronchopleural

Fistula, carotid-cavernous

Fistula, cerebrospinal Fistula, cholecystoduod Fistula, colobronchial Fistula, colonic Fistula, colopleural Fistula, coronary Fistula, cutaneo Fistula, dural Fistula, enterovesical Fistula, esophageal Fistula, gastrointestinal Fistula, hepatoportal Fistula, nephroduodenal Fistula, pancreatic Fistula, pancreatic-pleural Fistula, pyeloduodenal Fistula, pyriform sinus Fistula, renal Fistula, therapeutic blockade Fistula, tracheoesophageal Fistula, ureteral Fluorine Fluoroscopy
Use also Radiography
Fluoroscopy, technology **Focal spots** Foot Foot, abnormalities Foot, anatomy Foot, CT Foot, fractures Foot, injuries Foot, neoplasms Foot, radionuclide studies Foot, US studies Foramen magnum Foreign bodies Foreign bodies, in air and food passages Forensic radiology Forestier disease Fractionation

G

Use Radiobiology, time-dose studies

Use also names of individual bones

Fractures, complications Fractures, pathologic Fractures, stress

Fractures, therapy

Fractures

Frostbite

Gadolinium Galactocele Gallbladder Use also Bile ducts Gallbladder, abnormalities Gallbladder, angiography Gallbladder, blood supply Gallbladder, calculi Gallbladder, CT Gallbladder, dilatation Gallbladder, diseases Gallbladder, function Gallbladder, infarction Gallbladder, inflammation Use Cholecystitis Gallbladder, injuries Gallbladder, MR studies Gallbladder, necrosis
Gallbladder, neoplasms
Gallbladder, obstruction Use Gallbladder, stenosis Use Galibiadder, stenosis
Galibiadder, percutanneous drainage
Galibiadder, perforation
Galibiadder, radioigraphy
Galibiadder, radionuclide studies
Galibiadder, stenosis Gallbladder, surgery Gallbladder, US studies Gallbladder, volume Gallbladder, wall thickening Gallium, radioactive Gallstones Use Gallbladder, calculi Gamma globulins Ganglion Ganglioneuroma Gastric bypass Use Stomach, surgery

Gastric ulcer Use Peptic ulcer Gastritis Gastrosophageal reflux Use Esophagus, reflux Gastrointestinal tract Use also Stomach; Duodenum; Colon; Intestines; etc.

Gastrointestinal tract, abnormalities Gastrointestinal tract, apnormalitie Gastrointestinal tract, CT Gastrointestinal tract, diseases Gastrointestinal tract, endoscopy Use Endoscopy
Gastrointestinal tract, function Gastrointestinal tract, hemorrhage Gastrointestinal tract, inflammation Gastrointestinal tract, motility Gastrointestinal tract, neoplasms Gastrointestinal tract, perforation Gastrointestinal tract, radiography Gastrointestinal tract, radionuclide studies Gastrointestinal tract, surgery
Gastrointestinal tract, therapeutic radiology
Gastrointestinal tract, US studies Gastroplasty Use Stomach, surgery Gastrostomy Gaucher disease Gelatin foam Genitourinary system Genitourinary system, abnormalities Genitourinary system, calculi Genitourinary system, CT Genitourinary system, diseases Genitourinary system, hemorrhage Genitourinary system, infection Genitourinary system, injuries Genitourinary system, MR studies Genitourinary system, neoplasms Genitourinary system, prostheses Genitourinary system, radiography Genitourinary system, radionuclide studies Genitourinary system, schistosomiasis Use Schistosomiasis

Genitourinary system, stenosis or obstruction Genitourinary system, therapeutic radiology Genitourinary system, US studies Genitourinary tract Use Genitoruinary system; Urine; Urography;

names of organs, such as Bladder; Kidney

Glioma Use Brain neoplasms Glomus jugulare, neoplasms Glucagon Glucose Glycogen Glycogen storage disease Gold, radioactive Gout Grafts Grafts, infection

Grafts, radionuclide studies Grafts, stenosis Grafts, US studies Granulocytes Use Leukocytes Granuloma Granuloma, eosinophilic

Use Histiocytosis Granuloma, giant-cell reparative Granuloma, lymphomatoid Granulomatosis

Use Granuloma Graves diseas Use Goiter; Thyroid, hyperthyroidism

Grids Use Radiography, technology

Gynecology, CT Gynecology, MR studies Gynecology, US studies Gynecomastia Use Breast, male

Н

Hamartoma Use also Extremities; Fingers and toes Hand, abnormalities Hand, angiography Hand, injuries Hand, neoplasms Hand, prostheses Hand, radiography Hand, radionuclide studies Hand, replantation Hand, US studies Use also Brain; Skull Head, abnormalities Head, CT Head, injuries Head, MR studies Head, neoplasms Head, radiography Use also Skull, radiography Head, size Use Skull, size Head, therapeutic radiology Head, US studies Headache Heart Use also Coronary vessels; Myocardium; Pericardium Heart, abnormalities Heart, anatomy Heart, calcification Heart, catheterization Heart, CT Heart, digital subtraction angiography Heart, diseases Heart, effects of drugs on Heart, effects of irradiation on Heart, ejection fraction Heart, experimental studies Heart, failure Heart, fibroma Heart, flow dynamics Heart, function Heart, hernia Heart, hypertrophy Heart, infarction Heart, inflammation Use Endocarditis Heart, injuries Heart, insufficiency Use Heart, failure Heart, ischemia Heart, MR studies Heart, neoplasms Heart, obstruction Heart, pacemakers Heart, prostheses Heart, radiography Heart, radionuclide studies Heart, rhythm Heart, size Use Heart, volume Heart, surgery Heart, tamponade Heart, thrombosis Heart, transplantation Heart, US studies Heart, valves Heart, ventricles Heart, volume Hemangioblastoma Use Angioma Hemangioendothelioma Hemangioma Use Angioma Hemangiopericytoma Hemangiosarcoma Use Sarcoma Hematoma Use as hemorrhage under names of organs and regions, such as Brain, hemorrhage Hematopoiesis, extramedullary Hematuria Hemochromatosis Hemodialysis Use Dialysis Hemoglobinuria Hemolytic-uremic syndrome Hemophilia Hemophilus influenzae Hemoptysis Use Lung, hemorrhage Hemorrhage
Use also names of organs, such as Brain, hemorrhage Hemorrhage, CT Hemorrhage, MR studies

Hemorrhage, radionuclide studies Hemothorax Use Thorax, hemorrhage Heparin Hepatic arteries Hepatic arteries, therapeutic blockade Hepatic arteries, thrombosis Hepatic veins Hepatic veins, MR studies Hepatic veins, MR studies Hepatic veins, thrombosis Hepatic veins, US studies Hepatoblastoma Use Blastoma; Liver neoplasms Heredity Use Familial conditions Hernia Use also Herniography; names of organs and regions, such as Brain, hernia Hernia, Bochdalek Hernia, diaphragmatic Hernia, duodenal Hernia, hiatal Hernia, inguinal Hernia, scrotal Hernia, ureteroinguinal Herniography Herpes simplex Herpes zoster Hexabrix Hibernoma Hip, abnormalities Hip, arthritis Hip, arthrography Hip, CT Hip, diseases Hip, dislocation Hip, fractures Hip, infection Hip, injuries Hip, measurement Hip, metallic fixation Hip, MR studies Hip, necrosis Hip, prosthese Hip, radiography Hip, radionuclide studies Hip, surgery
Hip, US studies
Hirschsprung disease
Use Colon, aganglionosis Histiocytoma Histiocytosis Histoplasmosis Hodgkin disease Use also Lymphoma Use also Lymphoma Hodgkin disease, complications Hodgkin disease, diagnosis Hodgkin disease, staging Hodgkin disease, therapy Holoprosencephaly Homosexuals Hormones Humerus Humerus, fractures Hurler syndrome Hyaline membrane disease
Use Respiratory distress syndrome Hydatid disease Use Echinococcosis Hydatidiform mole
Use Uterus, hydatidiform mole Hydrocele Hydrocephalus Hydronephrosis Hydrops Hydrops, endolymphatic Hydrops fetalis Hydrothorax Hydroxyapatite Hyperalimentation Hypernephroma
Use Kidney neoplasms
Hyperostosis Hyperostosis, infantile cortical Hyperosaluria
Hyperosaluria
Hyperosaluria
Use Parathyroid, hyperparathyroidism
Hypertension, portal
Hypertension, pulmonary Hypertension, renal Hypertension, systemic Hyperthermia Hyperthyroidism Use Thyroid, hyperthyroidism

Hypogammaglobulinemia
Use Gamma globulins
Hypoparathyroidism
Use Parathyroid, hypoparathyroidism Hypopituitarism Use Pituitary, hypopituitarism Hypotension Hypothalamus Hypoxia Hysterectomy Hysterosalpingography Use Uterus, radiography

T

Ileostomy Ileum Ileum, cysts Ileum, diseases Ileum, diverticula Ileum, neoplasms Ilium Ilium, abnormalities Ilium, CT Images, analysis Images, analysis Images, artifact Images, degradation Images, display Images, enhancement Images, interpretation Images, processing Images, quality Images, storage and retrieval Images, transmission Immotile cilia syndrome Immunity Immunoglobulins Use Gamma globulins Impotence Indium, radioactive Indomethacin Infants Use also Infants, newborn Infants, cardiovascular system Infants, central nervous system Infants, eye Infants, gastrointestinal tract Infants, genitourinary system Infants, injuries Infants, newborn Infants, newborn, cardiovascular system Infants, newborn, central nervous system Infants, newborn, endocrine glands Infants, newborn, eye Infants, newborn, eye Infants, newborn, gastrointestinal tract Infants, newborn, genitourinary system Infants, newborn, MR studies Infants, newborn, respiratory syste Infants, newborn, skeletal system Infants, newborn, US studies Infants, premature Use Infants, newborn Infants, respiratory system Infants, skeletal system Infertility
Use Sterility Inflammation, radionuclide studies Informed consent Insulinoma Use Pancreas, neoplasms
International Commission on Radiological
Protection (ICRP)
Intervertebral disks Use Spine, intervertebral disks Intestinal neoplasms Intestinal neoplasms, CT Intestinal neoplasms, diagnosis Intestinal neoplasms, radionuclide studies Intestinal neoplasms, therapeutic radiology Intestines Use also Appendix; Colon; Duodenum; Gastrointestinal tract; Intestinal neoplasms; Rectum Intestines, abnormalities Intestines, angiography Intestines, biopsy Intestines, CT Intestines, cysts Intestines, dilatation Intestines, diseases Intestines, diverticula

Intestines, effects of drugs on

1. A

**Jaundice** Jaws, abnormalities Jaws, arthrography Jaws, CT Jaws, cysts Jaws, neoplasms Jaws, radiography **Jejunitis** Jejunum Jejunum, diverticula Jejunum, hemorrhage Jejunum, surgery

**Ioints** Use also Arthritis; Arthrography; names of

J

joints, such as Ankle; Knee; etc. Joints, abnormalities Joints, calcification Joints, carpometacarpal Joints, CT Joints, diseases loints, fluid Joints, glenohumeral Use Shoulder Joints, hemophilic Joints, inflammation Use Arthritis Joints, injuries Joints, metacarpophalangeal Joints, MR studies

Joints, prostheses Joints, radiography Joints, radionuclide studies Joints, sternoclavicular

Joints, sternomanubrial Joints, temporomandibular

Joints, temporomandibular, arthrography Joints, temporomandibular, CT Joints, temporomandibular, MR studies Joints, US studies

Jugular bulb

Joints, neoplasms

Kaposi sarcoma Kartagener syndrome Keloids Kidney

Use also Genitourinary system; Hydronephrosis; Kidney neoplasms; Urography

Kidney, abnormalities Kidney, abscess Kidney, agenesis Use Kidney, abnormalities

Cidney, anatomy

Kidney, angiography Use Renal angiography Kidney, biopsy Kidney, blood supply Kidney, calcification Kidney, calculi Kidney, CT

Kidney, cysts Kidney, diseases Kidney, diverticula Kidney, dysplasia Kidney, edema

Kidney, function

Kidney, effects of drugs on Kidney, effects of irradiation on Kidney, failure

Kidney, hematoma Use Kidney, hemorrhage Kidney, hemorrhage Kidney, hypertrophy Kidney, infarction Kidney, infection

Kidney, inflammation Use Nephritis Kidney, injuries Kidney, MR studies Kidney, necrosis

Kidney, nephroscopy Kidney, parenchymal pattern Kidney, percutaneous drainage

Kidney, percutaneous nephrostomy Kidney, radiography Kidney, radionuclide studies Kidney, size Use Kidney, volume

Kidney, stenosis Kidney, stone extraction

Kidney, surgery Kidney, transplantation Kidney, US studies Kidney, volume Kidney neoplasms

Kidney neoplasms, angiography Kidney neoplasms, calcification Kidney neoplasms, CT

Kidney neoplasms, Ci Kidney neoplasms, diagnosis Kidney neoplasms, hemorrhage Kidney neoplasms, metastases Kidney neoplasms, radionuclide studies Kidney neoplasms, radionuclide studies

Kidney neoplasms, rupture Kidney neoplasms, secondary Kidney neoplasms, staging

Kidney neoplasms, staging Kidney neoplasms, therapeutic radiology Kidney neoplasms, US studies Kilppel-Feil syndrome Use Spine, abnormalities

Knee

Knee, abnormalities Knee, anatomy Knee, arthritis Knee, arthrography Knee, CT Knee, cysts

Knee, fractures Knee, injuries Knee, MR studies

Knee, neoplasms Knee, prostheses Knee, radiography Knee, radionuclide studies

Knee, surgery Knee, US studies Krabbe disease Krypton, radioactive

Kymography Kyphosis Use Spine, curvature

Lacrimal gland and duct Lacrimal gland and duct, radiography Lacrimal gland and duct, radionuclide studies Lactobezoar

Laparotomy Use Abdomen, surgery Laryngectomy Use Larynx, surgery

Laryngocele Laryngogram Use Larynx, radiography

Laryngotracheobronchitis Use Bronchitis

Larynx Larynx, abnormalities Larynx, abscess Larynx, anatomy Larynx, CT Larynx, diseases Larynx, inflammation Use Laryngitis

Larynx, injuries Larynx, MR studies Larynx, neoplasms
Larynx, obstruction
Use Larynx, stenosis

Larynx, prostheses Larynx, radiography Larynx, stenosis Larynx, surgery Larynx, therapeutic radiology

Lead

Legg-Calve-Perthes disease
Use Osteochondritis, deformans juvenilis

Legionnaires' disease Leiomyoma Use Myoma Leiomyosarcoma Use Myoma

Leprosy, lepromatous Letters to the Editor Leukemia

Leukemia, complications Leukemia, in infants and children

Leukemia, lymphocytic Leukemia, myelogenous Leukemia, therapeutic radiology Leukemia, therapy Leukocytes

Leukoencephalopathy Use Brain, diseases Leukomalacia Ligaments Ligaments, cruciate

Ligaments, Cruciate
Ligaments, CT
Ligaments, falciform
Ligaments, hepatoduodenal
Ligaments, injuries
Ligaments, MR studies

Ligaments, pulmonary Ligaments, spinal Ligaments, US studies Linear accelerators Linitis plastica

Use Adenocarcinoma Lipoblastoma Lipodystrophy Lipogranulomatosis Lipoma and lipomatosis

Lipoproteins Liposarcoma Liposomes Lissencephaly

Use Brain, abnormalities Lithium

Lithotripsy Lithotripsy, complications Liver, abnormalities Liver, abscess Liver, amyloidosis Use Amyloidosis

Liver, anatomy Liver, anatomy Liver, angiography Liver, biopsy Liver, calcification Liver, calculi Liver, cirrhosis Liver, CT

Liver, cysts Liver, diseases

Liver, echinococcosis Liver, fatty Liver, fibrosi Liver, focal nodular hyperplasia Liver, gas Liver, hemorrhage Liver, hernia Liver, hypertrophy Liver, infarction Liver, infection Liver, inflammation Use Hepatitis Liver, injuries Liver, iron content Liver, MR studies Liver, necrosis Liver, percutaneous drainage Liver, radiography Liver, radionuclide studies Liver, rupture Liver, size Liver, surgery Liver, transplantation Liver, US studies Liver neoplasms Liver neoplasms, angiography Liver neoplasms, blood supply Liver neoplasms, CT Liver neoplasms, diagnosis Liver neoplasms, metastases Liver neoplasms, MR studies Liver neoplasms, radionuclide studies Liver neoplasms, secondary Liver neoplasms, therapeutic radiology Liver neoplasms, therapy Liver neoplasms, US studies Use also Bronchi; Lung neoplasms; Pleura; Respiratory distress syndrome Lung, abnormalities Lung, abscess Lung, aeration Use Lung, ventilation Lung, anatomy Lung, angiography
Use Pulmonary angiography Lung, aspiration Lung, atelectasis Use Lung, collapse Lung, biopsy Lung, calcification Lung, cavitation Lung, chronic obstructive lung disease Lung, collapse Lung, consolidation Lung, CT Lung, cysts Lung, density Lung, diseases Lung, edema Use Lung, fluid Lung, effects of drugs on Lung, effects of irradiation on Lung, fibrosis Lung, fluid Lung, function Lung, hemoptysis Use Lung, hemorrhage Lung, hemorrhage Lung, hypoplasia Lung, infarction Lung, infection Lung, injuries Lung, lavage Lung, MR studies Lung, perfusion Lung, radiography Lung, radionuclide studies Lung, sequestration Use Lung, abr.ormalities Lung, surgery Lung, therapeutic radiology Lung, thrombosis Lung, tomography Lung, transplantation Lung, US studies Lung, ventilation
Lung, volume
Use Lung, ventilation Lung neoplasms Lung neoplasms, CT Lung neoplasms, diagnosis Lung neoplasms, metastases Lung neoplasms, MR studies Lung neoplasms, radionuclide studies

Lung neoplasms, secondary Lung neoplasms, staging Lung neoplasms, surgery Lung neoplasms, therapeutic radiology Lung neoplasms, therapy Lung neoplasms, US studies Lupus erythematosus Lymphangiography Use Lymphography Lymphangioma Lymphangiomatosis Lymphangiosarcoma Use Sarcoma Lymphatic system Lymphatic system, angiography Lymphatic system, biopsy Lymphatic system, calcification Lymphatic system, CT Lymphatic system, cysts Lymphatic system, diseases Lymphatic system, diseases Lymphatic system, flow dynamics Lymphatic system, hyperplasia Lymphatic system, MR studies Lymphatic system, neoplasms Lymphatic system, radionuclide studies Lymphatic system, therapeutic radiology Lymphatic system, US studies Lymphedema Lymph nodes U e Lymphatic system Lymphocele Lymphocytes Lymphography Lymphography, complications Lymphography, technology Lymphoma Use also Hodgkin disease Lymphoma, complications Lymphoma, CT Lymphoma, diagnosis Lymphoma, in infants and children Lymphoma, MR studies Lymphoma, radionuclide studies Lymphoma, staging Lymphoma, therapeutic radiology Lymphoma, therapy Lymphoma, 1/S studies Lymphosarcoma Use Sarcoma Lymphoscintigraphy
Use Lymphatic system, radionuclide studies

## M

Magnetic resonance (MR)
Use also names of organs and regions, such as Brain, MR studies
Magnetic resonance (MR), artifact Magnetic resonance (MR), biological effects
Magnetic resonance (MR), chemical shift
Magnetic resonance (MR), comparative studies Magnetic resonance (MR), contrast enhancement Magnetic resonance (MR), contrast media Magnetic resonance (MR), experimental Magnetic resonance (MR), image display Magnetic resonance (MR), image processi Magnetic resonance (MR), in infants and children Magnetic resonance (MR), physics Magnetic resonance (MR), potassium studies Magnetic resonance (MR), pulse sequences Magnetic resonance (MR), sodium studies
Magnetic resonance (MR), spectroscopy
Magnetic resonance (MR), technology
Magnetic resonance (MR), tissue characterization Magnification Malabsorption Malacoplakia Mammography Use Breast radiography Mandible Use laws Manganese Mannitol Marfan syndrome Masticator space Use Face Mastocytosis

Measles Meckel diverticulum Use Intestines, diverticula Meconium Mediastinitis Mediastinum Mediastinum, abnormalities Mediastinum, abscess Mediastinum, anatomy Mediastinum, biopsy Mediastinum, CT Mediastinum, cysts Mediastinum, hemorrhage Mediastinum, inflammation Use Mediastinitis Mediastinum, injuries Mediastinum, MR studies Mediastinum, neoplasms Mediastinum, radiography Mediastinum, US studies Medico-legal problems Medulia oblongata Use Brain stem Medullary sponge kidney Use Kidney, abnormalities Medulloblastoma Megacolon Use Colon, dilatation Megacystis-microcolon-intestinal hypoperistalsis syndrome (MMIH) Melanoma Memory Meniere disease Use Ear, diseases Meninges Use also Arachnoid Meninges, CT Meninges, diseases Meninges, hematoma Use Meninges, hemorrhage Meninges, hemorrhage Meninges, inflammation Use Meningitis Meninges, MR studies Meninges, neoplasms Meningioma Use Meninges, neoplasms Meningitis Meningocele Use Spina bifida Menopause Menstruation Mental deficiency Mental diseases Mercury Mesenteritis Mesentery, angiography Mesentery, CT Mesentery, ischemia Mesentery, MR studies Mesentery, neoplasms Mesentery, US studies Mesentery, varices Mesothelioma Metacarpus Metaphyses Use Bones, metaphyses Metatarsus Methotrexate Metoclopramide Metrizamide Metrizamide, complications Metronidazole Microbubbles Microspheres Microwaves Misonidazole Mitomycin C Mitral valve, calcification Mitral valve, prolapse Mitral valve, prosthes Mitral valve, regurgitation Mitral valve, stenosis Mitral valve, surgery Mitral valve, US studies Modulation transfer function

Mastoid

Mastoid, CT

Mastoiditis

Use Jaws

Maxilla

Mastoid, cysts Mastoid, inflammation

McCune-Albright syndrome

Use Mastoiditis

Mongolism Use Down syndrome Monoclonal antibodies Mononucleosis, infectious Monooctanoin Morphine Mouth, CT Mouth, cysts Mouth, MR studies Mouth, neoplasms Mouth, therapeutic radiology Mouth, US studies Mucormycosis Multiple sclerosis Use Sclerosis, multiple Muscles Use also Soft tissues Muscles, abnormalities Muscles, abscess Muscles, cricopharyngeus Muscles, CT Muscles, diseases Muscles, effects of drugs on Muscles, hemorrhage Muscles, hypertrophy Muscles, iliopsoas Muscles, inflammation Use Myositis Muscles, injuries Muscles, ischemia Muscles, masseter Muscles, MR studies Muscles, necrosis Muscles, neoplasms Muscles, paraspinal Muscles, psoas Muscles, radiography Muscles, radionuclide studies Muscles, US studies Myasthenia gravis Mycobacteria Mycosis fungoides Myelography
Use also Meninges; Spinal cord; Spine Myelography, complications Myelography, contrast media Myelography, in infants and children Myelography, technology Myelolipoma Myeloma Myoblastoma Myocarditis Myocardium Use also Heart Myocardium, abnormalities Myocardium, blood supply Myocardium, CT Myocardium, infarction Myocardium, inflammation Use Myocarditis Myocardium, injuries Myocardium, ischemia Myocardium, MR studies Myocardium, neoplasms Myocardium, radionuclide studies Myocardium, US studies Myoma Myopathy Use Muscles, diseases Myosarcoma Myositis Myositis ossificans

### N

Nasopharynx
Nasopharynx, abnormalities
Nasopharynx, anatomy
Nasopharynx, CT
Nasopharynx, MR studies
Nasopharynx, neoplasms
Nasopharynx, stenosis
Nasopharynx, therapeutic radiology
Neck
Neck, abscess
Neck, angiography
Neck, CT
Neck, cysts
Neck, infection
Neck, injuries
Neck MR studies

Neck, neoplasms Neck, radiography Neck, therapeutic radiology Neck, US studies Neoplasms Use also Radiations, injurious effects, neoplastic; Radiobiology; Therapeutic radiology; names of organs and regions; names of individual neoplasms Neoplasms, blood supply Neoplasms, CT Neoplasms, diagnosis Neoplasms, embolization Neoplasms, experimental Neoplasms, in infants and children Neoplasms, metastases Neoplasms, MR studies Neoplasms, radionuclide studies Neoplasms, rupture Neoplasms, staging Neoplasms, therapeutic radiology Neoplasms, therapy Neoplasms, US studies Nephrectomy Use Kidney, surgery Nephritis Nephrocalcinosis Use Kidney, calcification Nephrolithiasis Use Kidney, calculi Nephroma Use Kidney neoplasms Nephrostomy Use Kidney, percutaneous nephrostomy Nerves, acoustic Nerves, cranial Nerves, facial Nerves, hypoglossal Nerves, laryngeal Nerves, lumbar Nerves, olfactory Nerves, optic Nerves, phrenic Nerves, roots Nerves, sacral Nerves, sciatio Nerves, spinal Nerves, trigeminal Nerves, vagus Nerves, vestibulocochlear Nervous system, abnormalities Nervous system, CT Nervous system, disease Nervous system, dysfunction Nervous system, effects of drugs on Nervous system, injuries Nervous system, MR studies Nervous system, neoplasms Neuralgia Neurilemmoma Use Neuroma Neurinoma Use Neuroma Neuritis Neuroblastoma Neurocysticercosis Use Cysticercosis Neurofibroma Use Neuroma Neurofibromatosis Neuroma Weuroradiology
Use Brain; Cerebral angiography; Cerebral
blood vessels; Brain, CT; Nerves; Nervous system; Spinal cord, etc. Neutrons

Nitrofurantoin

Nocardiosis Non-Hodgkin lymphoma

Nose, CT Nose, disease

Nose, fungus

**Use Antibiotics** 

Use Lymphoma Normal variant

Nose, abnormalities

Nose, hemorrhage

Nose, neoplasms
Nose, therapeutic radiology
Nuclear medicine
Use Radionuclide imaging; Radionuclides;

names of diseases, organs, and regions

Nuclides Use Radionuclides Nutrition Nutritional disorders

0

Obesity Obituaries Obstetrics, US studies Use Fetus, US studies; Pregnancy, US studies Occipital bone Olecranon Use Ulna Oleic acid Ollier disease Use Enchondroma Omentum Omentum, cysts Omentum, neoplasms Omphalocele Use Umbilical cord Oncocytoma Oncology Use Neoplasms Opinions Use also Editorials Optic canal, CT Optic chiasm Use Nerves, optic Orbit, abscess Orbit, angiography Orbit, CT Orbit, cysts Orbit, diseases Orbit, fractures Orbit, inflammation Orbit, injuries Orbit, MR studies Orbit, neoplasms Orbit, radiography Orbit, radionuclide studies Orbit, therapeutic radiology Orbit, US studies Orthopedics Osteitis deformans Osteoarthropathy Osteoarthropathy, diabetic Osteoarthropathy, hypertrophic Osteoblastoma Osteochondritis, deformans juvenilis Osteochondritis dissecans Osteochondrodysplasias Use Bones, osteochondrodysplasias Osteochondroma Osteodystrophy
Use Bones, primary metabolic abnormalities
Osteogenesis imperfecta Use Bones, osteochondrodysplasias Osteolysis Osteomalacia Osteomyelitis Use Bones, infection Osteonecrosis Use Bones, necrosis Osteopetrosis Use Bones, osteochondrodysplasias Osteoporosis Osteosarcoma Osteosclerosis Use Bones, sclerosis Otitis media Use Ear, inflammation and infection Otolaryngology Otosclerosis Ovary Ovary, abnormalities

Ovary, abscess

Ovary, cysts Ovary, diseases

Ovary, varices

Oxalosis Oxygen

Ovary, MR studies

Ovary, neoplasms Ovary, radionuclide studies

Ovary, therapeutic radiology Ovary, US studies

Ovary, CT

Myxoma

P **Pacemakers** Use Heart, pacemakers Pachydermoperiostosis Paget disease Use Osteitis deformans Palate Palate, cleft Palate, injuries **Pancreas** Pancreas, abnormalities Pancreas, abscess Pancreas, anatomy Pancreas, angiography Pancreas, biopsy Pancreas, calcification Pancreas, CT Pancreas, cysts Pancreas, diseases Pancreas, ectopic Pancreas, hemorrhage Pancreas, inflammation Use Pancreatitis Pancreas, injuries Pancreas, insufficiency Pancreas, MR studies Pancreas, neoplasms Pancreas, percutaneous drainage Pancreas, radiography
Pancreas, radionuclide studies Pancreas, surgery Pancreas, transplantation Pancreas, US studies Pancreatic ducts Pancreatitis Pancreatography Use Pancreas, radiography Papilledema Papilloma Paraganglioma Paragonimiasis Paralysis Paranasal sinuses Paranasal sinuses, abnormalities Paranasal sinuses, calcification Paranasal sinuses, CT Paranasal sinuses, diseases Paranasal sinuses, fungus Paranasal sinuses, neoplasms Paranasal sinuses, radiography Paranasal sinuses, surgery Paranasal sinuses, therapeutic radiology Paranasal sinuses, US studies Paraplegia Use Paralysis Parasites Parathyroid, abnormalities Parathyroid, angiography Parathyroid, biopsy Parathyroid, CT Parathyroid, C1 Parathyroid, hyperparathyroidism Parathyroid, hypoparathyroidism Parathyroid, MR studies Parathyroid, neoplasms
Parathyroid, radionuclide studies Parathyroid, US studies Paresis Use Paralysis Use Paralysis
Parkinson disease
Parotid gland
Parotid gland, CT
Parotid gland, CTS
Parotid gland, diseases
Parotid gland, diseases
Parotid gland, hypertrophy
Parotid gland, MR studies
Parotid gland, neoplasms
Parotid gland, US studies
Pectus excavatum Pectus excavatum Use Thorax, abnormalities

Pediatric radiology
Use Radiography, in infants and children

Use also names of pelvic bones and organs

Peliosis hepatis

Pelvis, abscess

Pelvis, anatomy Pelvis, CT

Pelvis, cysts

Pelvimetry
Use Pelvis, measurement

Pelvis, abnormalities

Pelvis, fractures Pelvis, hemorrhage Pelvis, injuries Peptic ulcer Pericarditis Pericardium Perineum, CT Periosteum Periostitis Peritoneum Peritoneum, CT Peritonitis Petrous bone **Phantoms** Pharvnx Pharynx, abscess Pharynx, CT Phlebography Photons **Physics** Pick disease Pineal body, CT Pinealoma Use Pineal body, neoplasms

Pelvis, diseases Pelvis, measurement Pelvis, MR studies Pelvis, neoplasms Pelvis, radiography Pelvis, radionuclide studies Pelvis, therapeutic radiology Pelvis, US studies Penis, angiography Penis, cavernosography Penis, diseases
Penis, radionuclide studies Penis, therapeutic radiology Penis, US studies Peptic ulcer, complications Peptic ulcer, diagnosis Peptic ulcer, perforation Peptic ulcer, radionuclide studies Peptic ulcer, US studies Perfluoroctylbromide Pericardiotomy Use Pericardium, surgery Pericardium, abnormalities Pericardium, calcification Pericardium, CT Pericardium, cysts Pericardium, effusion Use Pericardium, fluid Pericardium, fibrosis Pericardium, fluid Pericardium, inflammation Use Pericarditis Pericardium, MR studies Pericardium, neoplasms Pericardium, radionuclide studies Pericardium, stenosis Pericardium, surgery Pericardium, US studies Pericardium, varices Periosteum, abscess Periosteum, hemorrhage Periosteum, inflammation Use Periostitis Peritoneum, calcification Peritoneum, hemorrhage Peritoneum, inflammation Use Peritonitis Peritoneum, MR studies Peritoneum, neoplasms Peritoneum, radionuclide studies Peritoneum, US studies Perthes-Calve-Legg disease
Use Osteochondritis, deformans juvenilis Use Temporal bone Phagocytes and phagocytosis Use also Test objects Pharmacoangiography Pharynx, abnormalities Pharynx, injuries Pharynx, MR studies Pharynx, neoplasms Pharynx, radiography Pharynx, stenosis Pharynx, therapeutic radiology Pharynx, ulcers Pheochromocytoma Use Venography Phosphorus, MR studies Use Mental diseases Pierre Robin syndrome Pineal body, neoplasms

Pituitary Pituitary, abscess Pituitary, anatomy Pituitary, CT Pituitary, disease Pituitary, hemorrhage Pituitary, hypopituitarism Pituitary, MR studies Pituitary, neoplasms Pituitary, therapeutic radiology Placenta Placenta, abnormalities Placenta, hemorrhage Placenta, localization Placenta, neoplasms Placenta, US studies Use Fetus, US studies; Pregnancy, US studies Plagiocephaly Use Head, abnormalities Plasmacytoma Platelets Use Blood, platelets Plethysmography Pleura Pleura, air in Use Pneumothorax Pleura, CT Pleura, disea Pleura, fluid Pleura, infection Pleura, neoplasms Pleura, radiography Pleura, US studie Pleuritis Pneumatosis intestinalis Use Intestines, cysts Pneumocephalus Pneumoconiosis Pneumomediastinum Pneumonectomy Use Lung, surgery Pneumonia Use Lung, infection Pneumonitis Pneumopericardium Pneumoperitoneum Pneumothorax POEMS syndrome Poisons and poisoning Polyarteritis nodosa **Úse Arteritis** Polychondritis Polycythemia Polyhydramnios Use Amniotic fluid Polyps
Use Colon, neoplasms; Stomach, neoplasms, etc. Polyvinyl compounds Popliteal cysts Use Knee, cysts Porencephaly Use Brain, cysts Portal hypertension Use Hypertension, portal Portal vein Portal vein, abnormalities Portal vein, anatomy Portal vein, calcification Portal vein, CT Portal vein, flow dynamics Portal vein, gas Portal vein, MR studies Portal vein, neoplasms Portal vein, stenosis Portal vein, thrombosis Portal vein, US studies Portography Portography, technology Positron imaging Use Emission CT Posterior fossa, abn Posterior fossa, CT Posterior fossa, cysts Posterior fossa, hemorrhage Posterior fossa, MR studies Posterior fossa, meoplasms Posterior fossa, US studies Use Magnetic resonance (MR), potassium studies Prednisolone Pregnancy Use also Fetus; Placenta Pregnancy, abnormalities

Pregnancy, complications Pregnancy, complications
Pregnancy, ectopic
Pregnancy, irradiation in
Pregnancy, MR studies
Pregnancy, US studies
Use also Fetus, US studies Priapism Use Penis Prolactin Use Hormones Prostaglandin Prostate, abscess Prostate, biopsy Prostate, CT Prostate, hyperplasia Prostate, hypertrophy Prostate, MR studies Prostate, neoplasms
Prostate, radionuclide studies Prostate, surgery Prostate, therapeutic radiology Prostate, US studies Prostatitis Prostheses Proteinosi Prune belly syndrome Use Abdomen, abnormalities Pseudoarthrosis Pseudomyxoma peritonei Pseudotumor cerebri Pterygopalatine fossa Pubic bones Pulmonary angiography Pulmonary angiography, technology Pulmonary arteries Pulmonary arteries, abnormalities Pulmonary arteries, CT Pulmonary arteries, flow dynamics Pulmonary arteries, MR studies Pulmonary arteries, obstruction Use Pulmonary arteries, stenosis Pulmonary arteries, radionuclide studies Pulmonary arteries, stenosis Pulmonary arteries, surgery Pulmonary arteries, US studies Pulmonary hypertension Use Hypertension, pulmonary Pulmonary valve, US studies Pulmonary veins Pulmonary veins, abnormalities Pulmonary veins, CT Pulmonary veins, MR studies Pulmonary veins, obstruction Use Pulmonary veins, stenosis Pulmonary veins, stenosis Purpura Pyelography Use Urography Pyelonephritis Use Nephritis **Pylorus** Pylorus, stenosis Pylorus, US studies Pyonephrosis Use Kidney, abscess

## Q

Q fever
Use Bacteria
Quadriplegia
Use Paralysis
Quality assurance
Use also Diagnostic radiology, quality
assurance

### R

Use also Dosimetry; Electrons; Neutrons; Radiobiology; Radiography; Radionuclide imaging; Radionuclides; Therapeutic radiology Radiations, effects Use Radiations, injurious effects Radiations, exposure to patients and personnel Radiations, injurious effects

Radiations, injurious effects, as a result of nuclear bombing
Radiations, injurious effects, complications of
therapeutic radiology
Radiations, injurious effects, gastrointestinal Radiations, injurious effects, gastomerian Radiations, injurious effects, genetic, gonadal Radiations, injurious effects, leukemic Radiations, injurious effects, neoplastic Radiations, measurement Radiations, protective and therapeutic agents and devices Radioaerosols Use Aerosols Radiobiology Use also Neoplasms, experimental
Radiobiology, blood and hematopoietic studies Radiobiology, cell and tissue studies Radiobiology, cutaneous studies Radiobiology, genitourinary system studies Radiobiology, lethality studies Radiobiology, neoplastic studies Use Neoplasms, experimental Radiobiology, time-dose studies Radiographs Use Images Radiography
Use also Radiations; procedures, such as Angiography; Fluoroscopy; Myelography, etc Radiography, absurdities Radiography, comparative studies Radiography, computer-assisted Radiography, digital Radiography, in infants and children Radiography, intraoperative Radiography, postoperative
Radiography, stereoscopic
Radiography, stereoscopic
Radiography, technology
Use also Screens and films
Radiological Society of North America Radiological Society of North America, 69th scientific assembly and annual meeting Radiological Society of North America, 70th Radiological Society of North America, John scientific assembly and annual meeting Radiological Society of North America, 71st scientific assembly and annual meeting Radiological Society of North America, 27nd scientific assembly and annual meeting Radiology and radiologists Radiology and radiologists, departmental management management Radiology and radiologists, design of radiological facilities Radiology and radiologists, history Radiology and radiologists, observer performance Use Diagnostic radiology, observer performance Radiology (journal) Radiology reporting systems
Radionuclide imaging
Use also under names of organs, such as Lung, radionuclide studies Radionuclide imaging, comparative studies Radionuclide imaging, complications Radionuclide imaging, computer-assisted Radionuclide imaging, contrast enhancement Radionuclide imaging, dosimetry Radionuclide imaging, experimental Radionuclide imaging, in diagnosis of neoplasms Radionuclide imaging, in infants and children Radionuclide imaging, intraoperative Radionuclide imaging, physics Radionuclide imaging, quality assurance Radionuclide imaging, radiation dose Radionuclide imaging, technology Use also Radionuclide imaging; Therapeutic radiology
Radionuclides, comparative studies
Radionuclides, complications
Radionuclides, therapeutic Radiopharmaceutical Use Radionuclides Radiosensitivity Radium Radius Raeder syndrome Rare earths

Use Radiography, technology Raynaud disease

Receiver operating characteristic curve (ROC)

Rectum, abscess Rectum, biopsy Rectum, CT Rectum, cysts Rectum, hemorrhage Rectum, MR studies Rectum, neoplasms Rectum, obstruction Use Rectum, stenosis
Rectum, radiography
Rectum, radionuclide studies Rectum, surgery Rectum, therapeutic radiology Rectum, ulcers Rectum, US studies Red blood cells Red blood cells, radionuclide studies Renal angiography
Use also Kidney; Renal arteries; Renal veins Renal arteries Use also Kidney; Renal angiography Renal arteries, abnormalitie Renal arteries, embolism Use Embolism, renal Renal arteries, fibrodysplasia Renal arteries, injuries Renal arteries, occlusion Use Renal arteries, stenosis Renal arteries, rupture Renal arteries, stenosis Renal arteries, therapeutic blockade Renal arteries, thrombosis Renal arteries, transluminal angioplasty Renal arteries, US studies Renal veins Use also Kidney; Renal angiography Renal veins, abnormalities Renal veins, stenosis Renal veins, thrombosis Renal veins, US studies Renin Respiratory distress syndrome Respiratory distress syndrome, adult Retina Retina, blood supply Retina, CT Retina, diseases Retina, hemorrhage Retina, neoplasms Retinoblastoma Use Retina, neoplasms Retroperitoneal space Use also Abdomen Retroperitoneal space, abscess
Retroperitoneal space, anatomy
Retroperitoneal space, CT
Retroperitoneal space, fat
Retroperitoneal space, fibrosis Retroperitoneal space, fluid Retroperitoneal space, hemorrhage Retroperitoneal space, MR studies Retroperitoneal space, MK studies Retroperitoneal space, neoplasms Retroperitoneal space, US studies Retroperitoneal space, US studies Retroperitoneal space, varices Reye syndrome Rhabdomyolysis Lies Muscles Use Muscles Rhabdomyosarcoma Use Myosarcoma Ribs, abnormalities Ribs, CT Ribs, neoplasms Ribs, radionuclide studies Roentgenograms Use Images Ruthenium, radioactive S

Rectum, abnormalities

Sacroiliac joint Sacroiliac joint, CT Sacrum Sacrum, abnormalities Sacrum, CT Sacrum, fractures

Radiations

Sacrum, neoplasms Sacrum, radionuclide studies Salivary glands Use also Parotid gland Salivary glands, abnormalities Salivary glands, CT Salivary glands, CT Salivary glands, neoplasms Salivary glands, radiography Salivary glands, tradionuclide studies Salivary glands, surgery Salivary glands, therapeutic radiology Salivary glands, US studies Sarcoidosis Sarcoma Use also Ewing sarcoma; Kaposi sarcoma Scapula Scheuermann disease Use Spine, curvature Schistosomiasis Schwannoma Sciatica Scleroderma Sclerosing cholangitis
Use Cholangitis Sclerosis Sclerosis, multiple Sclerosis, tuberous Scoliosis Use Spine, curvature Screening, cancer Use Cancer screening Screens and films Scrotum Scrotum, abnormalities Scrotum, MR studies Scrotum, neoplasms Scrotum, radionuclide studies Scrotum, US studies Seizures Selenium, radioactive Sella turcica, CT Sella turcica, empty Sella turcica, fractures Sella turcica, MR studies Sella turcica, neoplasms Seminal vesicle Seminal vesicle, neoplasms Seminoma Septum pellucidum Sezary syndrome Use Mycosis fungoides Shoulder Shoulder, abnormalities Shoulder, anatomy Shoulder, arthrography Shoulder, CT Shoulder, dislocation Shoulder, injuries Shoulder, MR studies Shoulder, prostheses Shoulder, radiography Shoulder, US studies Shunts, aorticopulmonary Shunts, arterioportal Shunts, arteriovenous Shunts, arteriovenous, pulmonary Shunts, cardiac Shunts, mesocaval Shunts, peritoneovenous Shunts, portacaval Shunts, portosystemic Shunts, splenorenal Shunts, ventricular Shunts, ventriculoatrial Shunts, ventriculoperitoneal Sialography Use Salivary glands, radiography Sickle cell disease (SS, SC) Silicone Single-photon emission tomography Use Emission CT Sinuses, cavernous Use Cavernous sinus Sinuses, coronary Sinuses, dural Sinuses, dural, thrombosis Sinuses, frontal Use Paranasal sinuses Sinuses, lateral, thrombosis Sinuses, maxillary Use Paranasal sinuses Sinuses, paranasal

Use Paranasal sinus

Use Paranasal sinuses

Sinuses, sphenoid

Sinuses, superior sagittal Sinuses, superior sagittal, thrombosis Sinusitis Sjogren syndrome Use Eye, diseases Use Bones Skin Skin, abnormalities Skin, diseases Skin, effects of irradiation on Skin, inflammation Use Dermatitis Skin, neoplasms Skin, therapeutic radiology Skin, US studies Skull Use also Head Skull, abnormalities Skull, anatomy Skull, CT Use Head, CT Skull, cysts Skull, diseases Skull, fractures Skull, growth and development Skull, injuries Skull, MR studies Skull, neoplasms Skull, radiography Skull, surgery Small intestine Use Intestines Sodium Use Magnetic resonance (MR), sodium studies Soft ticen Use also names of soft tissues, such as Breast Soft tissues, abscess Soft tissues, calcification Soft tissues, CT Soft tissues, foreign bodies Soft tissues, gas Soft tissues, infection Soft tissues, inflammation Use Cellulitis Soft tissues, injuries Soft tissues, MR studies Soft tissues, neop.asms
Soft tissues, radionuclide studies
Soft tissues, therapeutic radiology
Soft tissues, US studies Spasm Special reports Speech Sphenoid bone Sphenoid bone, neoplasms Spina bifida Spinal canal Spinal canal, CT Spinal canal, cysts Spinal canal, MR studies Spinal canal, neoplasms Spinal canal, stenosis Spinal canal, US studies Spinal cord Use also Arachnoid; Meninges Spinal cord, abnormalities Spinal cord, blood supply Spinal cord, compress Spinal cord, CT Spinal cord, cysts Spinal cord, disease Spinal cord, hemorrhage Spinal cord, injuries Spinal cord, MR studies Spinal cord, neoplasms Spinal cord, radiography Use Myelography Spinal cord, stenosis Spinal cord, surgery Spinal cord, therapeutic radiology Spinal cord, US studies Spine Use also Spinal cord Spine, abnormalities Spine, anatomy Spine, angiography Spine, apophyseal joints Use Spine, facet joints Spine, arthritis Spine, biopsy Spine, collapse Spine, CT Spine, curvature Spine, cysts

Spine, diseases Spine, dislocation Spine, emission CT Spine, facet joints Spine, fractures Spine, hemorrhage Spine, infection Spine, inflammation Use Spondylitis Spine, injuries Spine, intervertebral disks Spine, mineral content Spine, MR studies Spine, necrosis Spine, neoplasms Spine, radiography Spine, radionuclide studies Spine, stenosis Spine, surgery Spine, therapeutic radiology Spine, US studies Spleen Spleen, abnormalities Spleen, abscess Spleen, accessory Spleen, anatomy Spleen, biopsy Spleen, CT Spleen, cysts Spleen, diseases Spleen, hemorrhage Spleen, hypersplenism Spleen, infarction Spleen, injuries Spleen, MR studies Spleen, neoplasms Spleen, radiography Spleen, radionuclide studies Spleen, surgery Spleen, torsion Spleen, transplantation Spleen, US studies Spondylitis Spondylolisthesis
Use Spine, dislocation
Spondylolysis Sporotrichosis Sprue Staphylococci Sterility Sternum Sternum, abnormalities Sternum, CT Sternum, neoplasms Sternum, radionuclide studies Sternum, surgery Steroids Steroids, complications Stomach Use also Gastrointestinal tract Stomach, abnormalities Stomach, anatomy Stomach, CT Stomach, cysts Stomach, disease Stomach, diverticula Stomach, hemorrhage Stomach, infection Stomach, inflammation Use Gastritis Stomach, injuries Stomach, motility Stomach, mucosa Stomach, neoplasm Stomach, polyps Use Stomach, neoplasm Stomach, radiography Stomach, radionuclide studies Stomach, reflux Stomach, stenosis Stomach, surgery Stomach, ulcer Use Peptic ulcer Stomach, US studies Stomach, varices Stomach, volvulus Streptokinase Streptokinase Subarachnoid space Subarachnoid space, CT Subarachnoid space, hemorrhage Subclavian steal syndrome Subtraction, dual-energy
Sudden infant death syndrome (SIDS) Surgery, complications

Swallowing
Use Pharynx
Synovial fluid
Synovial membrane
Synovial membrane, cysts
Synovial membrane, neoplasms
Synovitis
Syphilis
Syringomyelia

T

Tachycardia Use Heart, rhythm Takayasu arteritis Talo Tantalum Teaching aids Technetium, radioactive Technetium-MDP Technologists Teeth Telangiectasia Teleradiology Use Video systems Temporal bone Temporal bone, abnormalities Temporal bone, CT Temporal bone, cysts Temporal bone, diseases Temporal bone, fractures Temporal bone, injuries Temporal bone, MR studies Temporal bone, neoplasms Temporal bone, radiography Tendinitis Tendons Tendons, CT Tendons, injuries Tendons, MR studies Tendons, US studies Tenosynovitis Teratoma Testis Testis, abnormalities Testis, CT Testis, inflammation Use Orchitis Testis, neoplasms
Testis, radionuclide studies Testis, therapeutic radiology Testis, torsion Testis, undescended Testis, US studies Test objects
Use also Phantoms Tetralogy of Fallot Thalassemia Use Anemia Thallium, radioactive Therapeutic radiology Therapeutic radiology, comparative studies Therapeutic radiology, complications Use Radiations, injurious effects, complications of therapeutic radiology Therapeutic radiology, computer-assisted Therapeutic radiology, dosimetry Use Dosimetry Therapeutic radiology, electrons Therapeutic radiology experimental Therapeutic radiology, in infants and children Therapeutic radiology, interstitial and intracavitary Therapeutic radiology, intraoperative

Therapeutic radiology, interstitial and intracavitary
Therapeutic radiology, nutrion
Therapeutic radiology, nutrition
Therapeutic radiology, photons
Therapeutic radiology, physics
Therapeutic radiology, postoperative
Therapeutic radiology, preoperative
Therapeutic radiology, quality assurance
Therapeutic radiology, technology
Therapeutic radiology, treatment planning
Use Treatment planning
Thermography
Thermography, liquid crystal
Thigh, US studies
Thoracic duct
Thoracocentesis

Thoracolumbar fractures

Use Spine, fractures

Use also Bronchi; Heart; Lung; Mediastinum; Ribs; etc. Thorax, abnormalities Thorax, anatomy Thorax, biopsy Thorax, compression Thorax, CT Thorax, cysts Thorax, diseases Thorax, injuries Thorax MR studies Thorax, neoplasms Thorax, radiography Thorax, radionuclide studies Thorax, therapeutic radiology Thorax, tomography Thorax, US studies Thorium oxide Thromboembolism
Use Embolism; Thrombosis Thrombophlebitis Thromhosis Use also individual vessels, e.g., Cerebral blood vessels, thrombosis; Hepatic veins, thrombosis Thrombosis, arterial Use also individual vessels, e.g., Carotid arteries, thrombosis Thrombosis, experimental Thrombosis, MR studies Thrombosis, radionuclide studies Thrombosis, renal vein Use Renal veins, thrombosis Thrombosis, US studies Thrombosis, venous
Use also individual vessels, e.g., Hepatic veins, thrombosis

Thymoma
Use Thymus, neoplasms
Thymus
Thymus, abnormalities
Thymus, CT
Thymus, cysts
Thymus, hypertrophy
Thymus, MR studies
Thymus, radionuclide studies
Thymus, radionuclide studies
Thymus, US studies
Thymus, US studies
Thyroid, ablormalities
Thyroid, abnormalities
Thyroid, abiopsy
Thyroid, claification
Thyroid, CT
Thyroid, diseases
Thyroid, hyperthyroidism
Thyroid, inflammation
Use Thyroiditis
Thyroid, lingual
Thyroid, MR studies
Thyroid, neoplasms

Thyroid, US studies
Thyroiditis
Tibia
Tibia, abnormalities
Tibia, CT
Tibia, fractures
Tibia, reoplasms
Tinnitus
Tobacco
Toes
Use Fingers and toes
Tolazoline
Toluene
Tomography

Thyroid, radiography

Thyroid, radionuclide studies Thyroid, therapeutic radiology

Use also Computed tomography (CT)
Tomography, radionuclide
Tomography, technology
Tomosynthesis
Use Tomography, technology
Tongue

Tongue, CT
Tongue, MR studies
Tongue, neoplasms
Tongue, US studies
Tongue, US studies
Tongue, US studies

Tonsils, neoplasms Tonsils, therapeutic radiology Toxocariasis Toxoplasmosis
Trachea
Trachea, abnormalities
Trachea, anatomy
Trachea, compression
Trachea, CT
Trachea, diseases
Trachea, injuries
Trachea, intubation
Trachea, MR studies
Trachea, neoplasms
Trachea, stenosis
Tr

Trauma
Treatment planning
Trichinosis
Use Eosinophilia
Tricuspid valve
Tricuspid valve, abnormalities
Tricuspid valve, insufficiency
Tricuspid valve, prolapse
Tricuspid valve, VS studies
Tuberculosis
Tuberculosis

Tricuspid valve, UŠ studies
Tuberculosis, adrenal
Tuberculosis, intestinal
Tuberculosis, pulmonary
Tuberculosis, skeletal
Tuberculosis, therapy
Tuberculosis, therapy
Tuberous sclerosis
Use Sclerosis, tuberous
Tumoral calcinosis
Use Calcium
Turner syndrome
Use Chromosomes, abnormalities
Twins

Twins, abnormalities

Typhlitis
Use Intestines, inflammation

U

Ulcer Use Peptic ulcer Ulna

Ultrasound (US)
Use also names of organs and regions, such as
Heart, US studies

Ultrasound (US), artifact
Ultrasound (US), biological effects
Ultrasound (US), biological effects
Ultrasound (US), catheter identification
Ultrasound (US), comparative studies
Ultrasound (US), contrast media
Ultrasound (US), Copper studies
Ultrasound (US), poppler studies
Ultrasound (US), experimental
Ultrasound (US), in infants and children

Ultrasound (US), intraoperative
Ultrasound (US), pediatric
Use Ultrasound (US), in infants and children

Ultrasound (US), physics Ultrasound (US), technology Ultrasound (US), therapeutic Ultrasound (US), tissue characterization Ultrasound (US), treatment planning Ultrasound (US), utilization

Ultrasound (US), utilization Ultrasound (US) guidance Umbilical cord

Umbilical cord Urachus Uremia Ureter

Use also Genitourinary system

Ureter, abnormalities Ureter, calculi Ureter, CT Ureter, dilatation Ureter, diseases Ureter, diverticula Ureter, injuries Ureter, intervention

Ureter, obstruction
Use Ureter, stenosis
Ureter, percutaneous drainage
Ureter, radionuclide studies

Ureter, reflux Ureter, stenosis Ureter, stone extraction
Ureter, surgery
Ureter, US studies
Ureterocele
Use Ureter, dilatation
Urethra
Use also Genitourinary system
Urethra, abnormalities

Urethra, abnormalities Urethra, dilatation Urethra, diverticula Urethra, injuries Urethra, MR studies Urethra, neoplasms Urethra, obstruction Use Urethra, stenosis Urethra, stenosis Urethra, Us studies Urethra, US studies Urethra, valves Urethritis Urine, extravasation

Urethritis
Urine, extravasation
Urine, incontinence
Urine, reflux
Urinoma
Urography
Urography, complicat
Urography, contrast n

Urography, complications Urography, contrast media Urography, radiation dose Urokinase Urolithiasis

Use Genitourinary system, calculi Uterine neoplasms Uterine neoplasms, CT Uterine neoplasms, diagnosis Uterine neoplasms, metastases Uterine neoplasms, MR studies

Uterine neoplasms, staging Uterine neoplasms, therapeutic radiology Uterine neoplasms, therapy Uterine neoplasms, US studies

Uterus
Use also Pelvis; Pregnancy; Uterine neoplasms
Uterus, abnormalities
Uterus, CT
Uterus, cysts
Uterus, diseases
Uterus, hemorrhage

Uterus, diseases
Uterus, hemorrhage
Uterus, MR studies
Uterus, gerforation
Uterus, pestoperative
Uterus, radiography
Uterus, radionuclide studies
Uterus, size
Uterus, size

Uterus, US studies
Use also Fetus, US studies; Pregnancy, US studies
Useitis

Uvula, inflammation

V

Vagina
Vagina, abnormalities
Vagina, cysts
Vagina, neoplasms
Vagina, therapeutic radiology
Varices
Use Esophagus, varices; Retroperitoneal space, varices; Stomach, varices
Varicocele
Varicose veins
Use Veins, extremities
Vasa vasorum

Vasculitis

Vasopressin

Veins
Use also Angiography; Arteriovenous malformations; Cerebral blood vessels; Coronary vessels; Embolism; Thrombosis; Venography; names of specific blood vessels, such as Portal vein; Renal veins; etc. Veins, abnormalities
Veins, axillary
Veins, azveos

Veins, aviliary
Veins, brachiocephalic
Veins, calculi
Veins, cCT
Veins, cystic
Veins, epidural
Veins, extremities
Veins, Galen
Veins, gastric
Veins, grafts and prostheses
Veins, hemiazygos
Veins, hepatic

Veins, hepatic
Use Hepatic veins
Veins, iliac
Veins, in Comminate
Veins, jugular
Veins, jugular, thrombosis
Veins, lumbar, CT
Veins, mesenteric, thrombosis

Veins, mesenteric, US studies Veins, MR studies Veins, ovarian Veins, ovarian, thrombosis

Veins, popliteal
Use also Veins, extremities
Veins, portal
Use Portal vein

Veins, pelvic

Use Portal vein
Veins, prostheses
Use Veins, grafts and prostheses
Veins, pulmonary
Use Pulmonary veins
Veins, renal
Use Renal veins
Veins, spermatic
Veins, splenic
Veins, splenic
Veins, splenic
Veins, staticular
Veins veins

Veins, subclavian
Veins, testicular
Veins, therapeutic blockade
Veins, transluminal angioplasty
Veins, umbilical
Veins, ureteral
Veins, US studies
Veins, vertebral
Venae cavae
Venae cavae, abnormalities
Venae cavae, angiography
Venae cavae, CT

Venae cavae, filters
Venae cavae, grafts and prostheses
Venae cavae, MR studies
Venae cavae, neoplasms
Venae cavae, obstruction
Venae cavae, perforation
Venae cavae, radionuclide studies

Venae cavae, perforation Venae cavae, radionuclide studies Venae cavae, stenosis Venae cavae, thrombosis Venae cavae, US studies

Venography
Use also Angiography
Venography, complications
Venography, contrast media
Venography, radionuclide
Venography, technology

Ventricles Use Brain; Heart, ventricles Ventricular septal defect

Vertebrae Use Spine Vertebral arteries Vertebral arteries, injuries
Vertebral arteries, occlusion
Use Vertebral arteries, stenosis
Vertebral arteries, stenosis
Vertebral arteries, stenosis
Vertebral arteries, therapeutic blockade
Vertebral arteries, transluminal angioplasty
Vertebral arteries, US studies
Videodensitometry
Video systems
Vision
Vitamins
Vocal cords
Vocal cords, neoplasms
Vocal cords, therapeutic radiology
Volvulus
Use Intestines, volvulus; Stomach, volvulus
Von Gierke syndrome
Use Clycogen storage disease
Vulva, neoplasms

W

Walker-Dandy syndrome Use Brain, abnormalities Warfarin Use Anticoagulants Wegener granulomatosis Use Granuloma Wilms tumor Use Kidney neoplasms Wilson disease Wrist Wrist, arthritis Wrist, arthrography Wrist, CT Wrist, fluoroscopy Wrist, fractures Wrist, injuries Wrist, MR studies Wrist, necrosis Wrist, prostheses Wrist, radiography Wrist, radionuclide studies Wrist, tomography

X

Xanthoma
Xenon, radioactive
Xenon, radioactive
Xeromammography
Use Breast radiography
Xeroradiography
X rays
Use Diagnostic radiology; Dosimetry;
Radiations; Radiography; Therapeutic
radiology

Y

Yttrium, radioactive

Z

Zeugmatography
Use Magnetic resonance (MR)
Zollinger-Ellison syndrome
Use Pancreas, neoplasms